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FULL RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) FACILITY INVESTIGATION REPORT FOR SOLID WASTE MANAGEMENT UNIT (SWMU) 78 POLE YARD NAVAL ACTIVITY PUERTO RICO

7/1/2016

CH2M

Final

Full RCRA Facility Investigation Report
SMWU 78 – Pole Yard

Naval Activity Puerto Rico
Ceiba, Puerto Rico

Contract Task Order JM11

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Acronyms and Abbreviations

µg/kg	microgram per kilogram
°F	degree Fahrenheit
amsl	above mean sea level
Baker	Baker Environmental, Inc.
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylene
CLEAN	Comprehensive Long-term Environmental Action—Navy
COC	constituent of concern
COPC	constituentnav of potential concern
CSM	conceptual site model
DAF	dilution attenuation factor
DPT	direct push technology
DRO	diesel range organics
ELCR	excess lifetime carcinogenic risk
ERA	Ecological Risk Assessment
ESV	ecological screening value
GPS	Global Positioning System
GRO	gasoline range organics
HHRA	human health risk assessment
HI	hazard index
HQ	hazard quotient
IDW	investigation derived waste
LRA	Local Redevelopment Authority
mg/kg	milligram per kilogram
MS/MSD	matrix spike/matrix spike duplicate
NAPR	Naval Activity Puerto Rico
Navy	Department of the Navy
NOAEL	no observable adverse effect level
NSRR	Naval Station Roosevelt Roads
OSWER	Office of Solid Waste and Emergency Response
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PID	photoionization detector
PREQB	Puerto Rico Environmental Quality Board
QA	quality assurance
QC	quality control
RCRA	Resource Conservation and Recovery Act
RFI	Resource Conservation and Recovery Act Field Investigation
RSL	Regional Screening Level

SSL	soil screening level
SVOC	semivolatile organic compounds
SWMU	Solid Waste Management Unit
TPH	total petroleum hydrocarbons
TRV	toxicity reference value
USEPA	United States Environmental Protection Agency
UTL	upper tolerance limit
VOC	volatile organic compound

SECTION 1

Introduction

This report summarizes the work completed during the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) for Solid Waste Management Unit (SWMU) 78, Naval Activity Puerto Rico (NAPR), in Ceiba, Puerto Rico and presents a quantitative evaluation, including human health and ecological risk assessments, of data collected during the RFI. The data presented herein show that the nature and extent of potential environmental impacts associated with releases attributable to SWMU 78 have been defined, and there are no resulting unacceptable human health or ecological risks. This RFI Report for SWMU 78 was prepared in accordance with the Department of the Navy (Navy), Naval Facilities Engineering Command, Comprehensive Long-term Environmental Action—Navy (CLEAN) 8012, Contract N62470-11-D-8012, Contract Task Order JM11.

The field investigations and results summarized in this report were completed after SWMU 78 was identified by the Navy on June 29, 2007, and designated as a SWMU by the United States Environmental Protection Agency (USEPA) on August 21, 2007. Two phases of investigation were subsequently performed to characterize site conditions. A Phase I RFI was conducted in 2008 (Baker, 2008). The Final Phase I RFI Report recommended collecting additional soil samples to delineate potential contamination in surface and subsurface soil during a Full RFI (Baker, 2009). A Revised Final Full RFI Work Plan (Baker, 2011) was issued in March 2011 and the field investigation was conducted in April and September 2011. A Draft Full RFI Report for SWMU 78 was issued in July 2012. However, based on a re-evaluation of the data by the Navy, USEPA, and Puerto Rico Environmental Quality Board (PREQB) in August 2014, a revised Full RFI was warranted. Therefore, the Draft Full RFI Report submitted in 2012 has been superseded by this report, and comments previously received on the 2012 Draft were incorporated into this report.

1.1 Objectives and Approach

The goal of a Full RFI, as outlined by Office of Solid Waste and Emergency Response (OSWER) guidance (OSWER, 1994), is to determine the nature and extent of releases of hazardous waste or constituents, and to gather all necessary data to support a determination of the need for further investigation or action, or a recommendation for no further action. Therefore, this Full RFI for SWMU 78:

Determines the nature and extent of release(s) of hazardous waste or constituents that have occurred from past RCRA-related activities attributable to SWMU 78

Evaluates potential human health risk and ecological risk posed by contamination as a result of the release(s)

Determines whether the release(s) warrants further investigation or action, or if no further action is warranted

To achieve these objectives, the data obtained from the Phase I RFI (Baker, 2009) and the Full RFI were evaluated.

1.2 Report Organization

The remainder of this RFI Report comprises the following sections:

Section 2 – Background and Description
Section 3 – Field Investigation Activities
Section 4 – Nature and Extent of Contamination
Section 5 – Human Health Risk Assessment Summary
Section 6 – Ecological Risk Assessment Summary
Section 7 – Conclusions and Recommendations
Section 8 – References

Tables and figures are provided at the end of each section.

SECTION 2

Background and Description

This section presents NAPR background and description, regional characteristics, SWMU 78 background and description, current and potential land use, previous investigations, and site-specific physical characteristics. The site-specific physical characteristics of SWMU 78, including topography, setting, hydrology, geology, hydrogeology, and physical observations, are discussed in this section, as determined based on the data and information collected during the Phase I RFI field investigation and Full RFI field investigation discussed in Section 3.

2.1 NAPR Background and Description

NAPR, formerly Naval Station Roosevelt Roads (NSRR), consists of approximately 8,600 acres (USEPA, 2007) of land located on the east coast of Puerto Rico (**Figure 2-1**). NAPR is bordered to the west by mainland Puerto Rico, with the nearest municipality, Ceiba, to the west and north, and the municipality of Naguabo to the southwest. Fajardo is the nearest major town, located 8 miles to the north. NAPR is bordered on its three remaining sides by water: the Atlantic Ocean is to the north, and the Vieques Passage, which opens up into the Caribbean Sea, is to the south and east.

Military activity in the area started in 1941 when Fort Bundy was established on what is now the southwest portion of NAPR (NAVFAC, 2005). In 1943, NSRR was established on the northeast portion of what is now NAPR. NSRR provided both training and support to the Atlantic fleet operations throughout the Caribbean. When the 2004 Defense Appropriations Act was signed on September 30, 2003, it stipulated that NSRR was to be disestablished within 6 months, and that the real estate disposal and transfer would be carried out according to procedures outlined per the Defense Base Closure and Realignment Act of 1990 (NAVFAC, 2005). Therefore, on March 31, 2004, NSRR was closed and NAPR was established to oversee the property as caretaker and to assist in the property transfer (NAVFAC, 2005).

2.2 Regional Characteristics

2.2.1 Regional Climatology, Topography, and Hydrology

NAPR is characterized as having a tropical marine climate. The easterly trade winds have a moderating effect on the tropical heat, resulting in minimal temperature fluctuations seasonally and a mean temperature of 79.9 degrees Fahrenheit (°F). NAPR maintains a relatively moderate humidity, with the average between 65 percent and 78 percent. Although rainfall across Puerto Rico varies regionally, showers are generally frequent but brief across most of Puerto Rico, including NAPR, where the average annual rainfall is 58 inches. During the rainy season between May and November, rainfall can average between 4.08 inches and 7.64 inches monthly. Areas immediately west and north of NAPR have considerably more rain, receiving between 70 to 100 inches annually. These areas include parts of the Rio Daguao watershed, within which portions of NAPR lie (NAVFAC, 2005).

The region surrounding NAPR is predominantly a narrow coastal plain (NAVFAC, 2005). Some small valleys extend from the Sierra de Luquillo mountain range, which has been eroded by streams into deep valleys that can reach hundreds of feet deep, and slopes of 60 percent. Topography within NAPR varies from the coastline to the western boundary, with elevations ranging from sea level to approximately 300 feet above mean sea level. A series of hills interspersed with broad flat valleys, coastal plains, mangrove, and marsh areas are present within NAPR.

Surface water that flows across NAPR originates in the eastern slopes of the Sierra de Luquillo mountain range (NAVFAC, 2005). Surface runoff flows into various rivers and streams that outfall into the Caribbean Sea.

2.2.2 Regional Geology

The geology of NAPR is mainly volcanic rock, composed of lava and tuff, and sedimentary rocks derived from discontinuous limestone beds (NAVFAC, 2005). The northwestern and western regions within NAPR are underlain by unconsolidated alluvial deposits. Various beach deposits, in addition to alluvium, quartz diorite, granodiorite, quartz keratophyre, the Daguao Formation, and Figuera Lava, form the primary geologic features on and near NAPR (NAVFAC, 2005).

2.2.3 Regional Hydrogeology

Confined or partially confined water-bearing units exist at NAPR. These units may be the result of the Daguao Formation consisting of resistant volcanic rock and which may act as a semiconfining or confining unit (NAVFAC, 2005). The characteristics of volcanic rock in the area and slow recharge rates contribute to the low permeability and high water hardness observed at NAPR. Salt water intrusion is also present at NAPR, increasing as the depth of wells increase and the distance to the sea decreases.

The 2011 Environmental Assessment of NAPR, conducted in support of the Land Reuse Plan (LRA, 2010), concluded that the groundwater resources within NAPR are not adequate to be used as a source of potable water and that the future land use of NAPR will be dependent on the existing water treatment system (Navy, 2011). Water at NAPR is currently supplied by a water treatment system that obtains water from the Rio Blanco, approximately 11 miles upgradient of NAPR (NAVFAC, 2005).

The Groundwater Usability Assessment, Section 1302.3(A) of PRWQS regulation (PREQB, 2010) classifies all groundwater in Puerto Rico as SG, which is defined under Section 1303.2(F) as groundwater intended for use as source of drinking water supply. Therefore, site-specific investigations at SWMU 78 will consider potential impacts to groundwater and, if warranted, characterize site-specific groundwater characteristics and evaluate them relative to suitability for potable use.

2.3 SWMU 78 Conceptual Site Model

2.3.1 Background and Description

SWMU 78 is approximately 600 feet north of the intersection of Forrestal Drive and Valley Forge Road, and occupies approximately 3.1 acres (**Figure 2-1**). SWMU 78 encompasses a former transformer storage pad and the area surrounding the pad (**Figure 2-2**). The site includes two relatively small plateaus which are located on the edge of a steep slope.

SWMU 78 was used historically for transformer storage on the storage pad, and other areas within the SWMU boundary were used for storage of timber, concrete telephone poles, and spools of wire. The transformers were stored within a raised concrete pad with a perimeter concrete curb that served as secondary containment. A drain valve is located near the northeast corner of the storage pad, and was used to drain accumulated rainwater from the storage area (**Figure 2-2**). The concrete transformer storage pad was constructed sometime after 1998, and facility records indicate that all polychlorinated biphenyl (PCB)-containing transformers and equipment were removed from NAPR prior to 1998, with the exception of one transformer remaining in Building 386, which is not associated with SWMU 78 (Baker, 2009). Spools of copper wire were stored in the northeast corner of SWMU 78, and timber and concrete telephone poles were stored on the lower plateau in the southern portion of SWMU 78.

A suspected release was identified near the transformer pad in June 2007. A small area (approximately 10 feet by 3 feet) of stained soil and stressed vegetation was observed at the discharge point of the transformer pad drainage valve (**Figures 2-2 and 2-3**). The USEPA was informed by the Navy of the suspected release in a letter dated June 29, 2007, and the area was officially designated as SWMU 78 by the USEPA on August 21, 2007. A Phase I RFI Work Plan was subsequently developed to investigate the SWMU (Baker, 2008).

The transformer pad at SWMU 78 does not currently contain any transformers and has been cleaned. However, in 2009 there were 127 transformers stored within the pad, consisting of 116 pole-mounted transformers and 11 enclosed large transformers (Baker, 2011). The transformers were sampled to determine if any contained PCBs, and were also inventoried by size and serial number for disposal purposes. This sampling event was conducted

from July 14 through July 16, 2009. The 11 larger units were not sampled due to the lack of top access to the oil reservoir and the potential for a spill if sampling was attempted through a bottom valve. Of the 116 pole-mounted units, 6 were dry or contained no oil. Samples were collected from the remaining 110 transformer units. The analytical results from the transformer oil indicated that 9 of the 110 transformers contained detectable levels of PCBs in the oil, ranging from 1.5 milligrams per kilogram (mg/kg) to 17 mg/kg, which is less than the 50 mg/kg threshold used to identify PCB-contaminated electrical equipment.

The conceptual site model for SWMU 78 is provided in **Figure 2-3**. The transformer storage pad was identified as the potential source area at SWMU 78, and the drain valve on the northwest corner of the pad was identified as an area of potential release from the transformer storage pad. Limited impacts to surrounding soil near the drain valve were identified, as discussed in Section 4.

2.3.2 Topography, Setting, and Hydrology

SWMU 78 occupies approximately 3.1 acres and encompasses two relatively small plateaus surrounded by steeply sloping hillsides. SWMU 78 is located on the edge of a steep slope off of Hollandia Street, near the intersection of Forrestal Drive and Valley Forge Road. The upper plateau area of the SWMU exists at an elevation of 212 feet above mean seal level (amsl), and is where the transformer pad is located. The transformer pad consists of a raised concrete curbed pad, with a concrete ramp, where the concrete curb surrounding the concrete pad served as a form of secondary containment. Spools of wire were observed to be present north of the concrete pad during the Phase I RFI. The lower plateau is at an elevation of approximately 200 feet amsl, and is located downslope of the upper plateau and approximately 60 feet south of the concrete pad. The lower plateau was used for storage of trailers and as a laydown area for storage of timber and concrete utility poles (Baker, 2009).

No streams or drainage ditches are present within the SWMU 78 boundary. A surface water drainage boundary is located in the approximate center of SWMU 78, and surface water runoff drains to the eastern and western sides, respectively, as indicated in **Figure 2-2**.

2.3.3 Geology and Hydrogeology

Unconsolidated soils at SWMU 78 consist of sandy clay, clay, sand, and gravel from the surface to a depth of 4 to 10 feet, where a brown to gray saprolite (highly weathered residuum of the underlying bedrock) is encountered. Groundwater was not encountered in the unconsolidated soil beneath SWMU 78 due to the shallow depth of saprolite and bedrock. Groundwater is estimated to occur in bedrock at depths of 80 to 100 feet bgs based on the elevations of groundwater measured in wells located nearby at SWMU 7/8 (Tow Way Fuel Farm) (Baker, 2009).

2.3.4 Current and Potential Future Land Use

SWMU 78 is located within an industrial area of NAPR. The Naval Station Roosevelt Roads Reuse Plan (CBRE et al., 2004), developed by the Puerto Rico Department of Economic Development and Commerce (acting as the Local Redevelopment Authority [LRA]), anticipated that SWMU 78 will be part of Zone 6A, which is planned for fuel depot and open space reserve uses. The addendum to the 2004 Reuse Plan developed in 2010 (LRA, 2010) revised the zoning plan and SWMU 78 now falls within proposed Zone 1 (Port Caribe and Commercial Heart), where portions of the parcel have the following proposed types of uses: mixed use (retail and upper-floor residential), hotel, lodging, golf course, and retail/restaurant/entertainment district. The area of SWMU 78 is in an area proposed to be used as a parking lot or open space reserve.

A Finding of Suitability to Transfer (FOST) dated January 2009 identified SWMU 78 as a carve-out within Sale Parcel III. The remainder of Sale Parcel III was transferred to the LRA on January 26, 2012. A Finding of Suitability to Lease (FOSL) identifying SWMU 78 as part of the carve-outs within Sale Parcel III was completed in September 2011. Thus, SWMU 78 is currently leased to the Commonwealth of Puerto Rico while the Navy retains clean-up responsibilities. Upon successful completion of all necessary remedial actions by the Navy, SWMU 78 will be transferred to the Commonwealth.

Groundwater and soil land use controls (LUCs) were implemented at SWMU 78 as a result of ongoing investigation activities (not as a result of contaminant levels or risk estimates), and the site is currently not in use. Groundwater is not a media of concern for this site because groundwater is estimated to exist between 80 to 100

feet below ground surface (bgs) and because contamination is not present in the subsurface based on the physical observations noted during the field investigation and analytical soil sample results, especially with respect to soil screening levels (SSLs) for leaching to groundwater (presented in Section 4.3).

R:\USNAVYPUERTORICO20000317\MAPFILES\SWMU_78\AMMENDEDRFI\FIGURE02-01_SWMU78_LOCATION.MXD JCARR CH2MHILLENVGIS 9/15/2015 1:25:44 PM

Legend

- Road
- Expressway
- SWMU 78 Boundary
- Naval Activity Puerto Rico Boundary

N

0 1 2 Miles

Figure 2-1
Site Location
Full RFI Report, SWMU 78 – Pole Yard
Naval Activity Puerto Rico
Ceiba, Puerto Rico

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LEGEND

- Elevation Contour (feet)
- Transformer Pad
- SWMU 78 Boundary

N

0 25 50 100
Feet

FIGURE 2-2
Site Layout
Full RFI Report, SWMU 78 – Pole Yard
Naval Activity Puerto Rico
Ceiba, Puerto Rico

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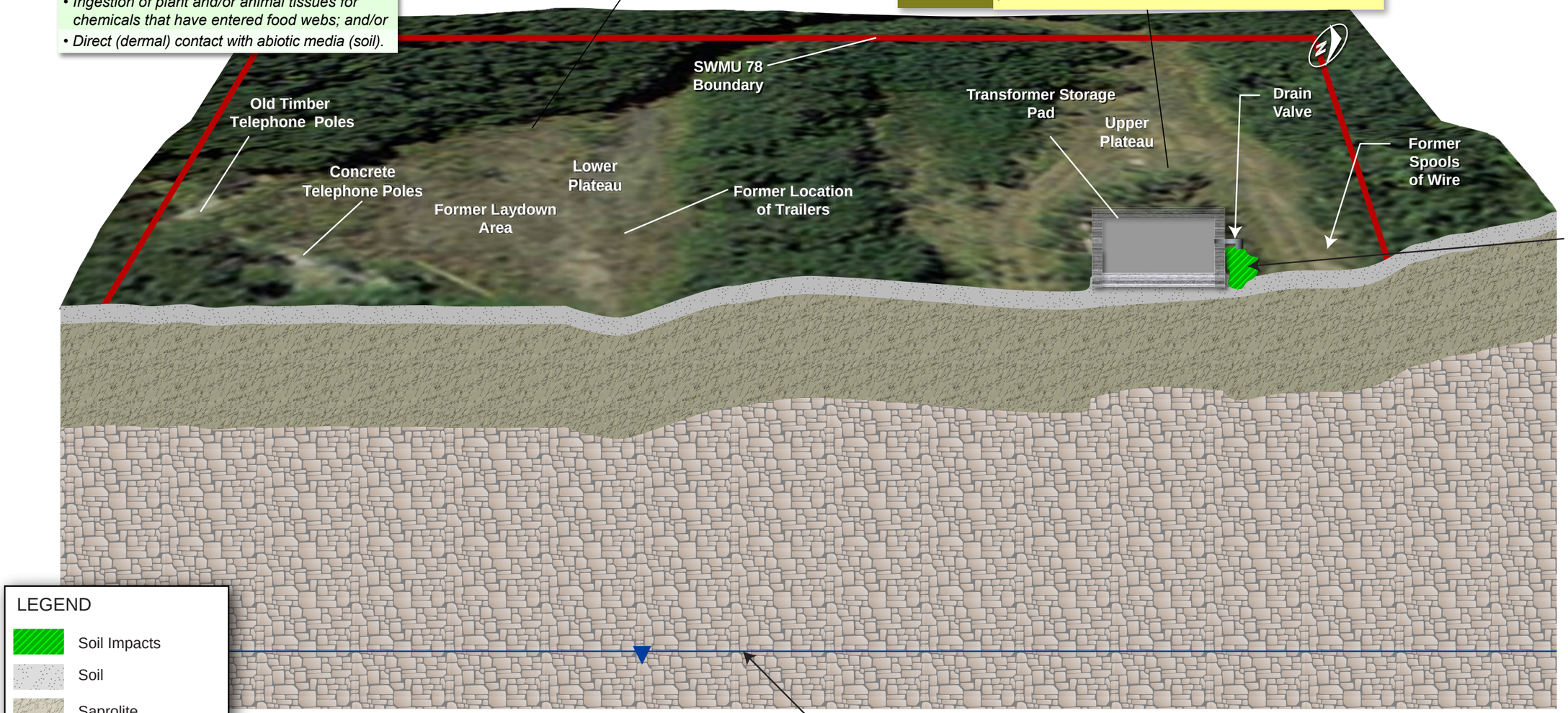
R:\USNAVYPUERTORICO20000317\MAPFILES\SWMU_78\AMMENDEDRFI\FIGURE02-02_SWMU78_SITELAYOUT.MXD JCARR_CH2MHILLENVGIS 9/15/2015 1:27:23 PM

ECOLOGICAL EXPOSURE PATHWAYS
The primary upper-trophic level routes for exposure are expected to be through:
• *Uptake by biota from soil and trophic transfer to upper-trophic-level receptors;*
• *Inhalation of constituents adhered to particulate matter;*
• *Incidental ingestion of abiotic media (soil) during feeding activities;*
• *Ingestion of plant and/or animal tissues for chemicals that have entered food webs; and/or*
• *Direct (dermal) contact with abiotic media (soil).*

TERRESTRIAL HABITATS	
Features	*Woodland, scrub/shrubland*
Receptors	*Plants (trees, bushes, grasses), Soil Invertebrates (earthworms, insects), Reptiles (snakes, turtles), pearly-eyed thrasher, common ground dove, red-tailed hawk, norway rat, indian mongoose*

HUMAN RECEPTORS	
Features	*Surface Soil*
Receptors	*Future adult and child resident, future industrial worker via incidental ingestion, dermal contact, or inhalation of particulates and/or volatile emissions*
Features	*Total Soil (Combined Surface and Subsurface Soil)*
Receptors	*Future adult and child resident, future industrial worker via incidental ingestion, dermal contact, or inhalation of particulates and/or volatile emissions*

POTENTIAL TRANSPORT PATHWAYS
• *Leaching of constituents from soil, or transport of soil particulates via precipitation and/or overland surface runoff; and/or*
• *Leaching of chemicals or metals from surface soil to subsurface soil and subsequently to groundwater via infiltrating precipitation.*



LEGEND

- Soil Impacts
- Soil
- Saprolite
- Bedrock
- SWMU 78 Boundary
- Groundwater Table

Figure 2-3
Conceptual Site Model
Full RFI Report, SWMU 78 - Pole Yard
Naval Activity Puerto Rico
Ceiba, Puerto Rico

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SECTION 3

RFI Field Activities

A Phase I RFI and Full RFI field investigation were conducted at SWMU 78. A summary of the activities conducted during the Phase I RFI and details of the Full RFI field investigation activities are provided in the following subsections. Details regarding the Phase I RFI is provided in the Final Phase I RFI Report (Baker, 2009).

3.1 Phase I RFI Summary

The Phase I RFI for SWMU 78 was conducted in May 2008 to determine whether a release occurred to environmental media (Baker, 2009). Sixteen soil boring locations were completed during the Phase I RFI to collect surface and subsurface soil samples (**Figure 3-1**). Eight borings were installed in the vicinity of the concrete transformer pad, with six of these located near the northeast corner of the pad (Baker, 2009). The remaining borings were installed in other areas of the SWMU historically used for storage of spools of wire in an area located north of transformer pad, and trailers and concrete and timber telephone poles in a general laydown area located to the south of the transformer pad. Sample details, including the specified analytes and depth intervals at each location, are provided in **Table 3-1**.

Soil samples collected during this phase of investigation were analyzed for Appendix IX volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), low-level polycyclic aromatic hydrocarbons (PAHs), PCBs, total petroleum hydrocarbon (TPH) diesel range organics (DRO) and gasoline range organics (GRO), and Appendix IX metals.

An area of stained soil and stressed vegetation was identified associated with potential releases from the drainage valve; however, the area was relatively small at approximately 30 square feet (3 feet by 10 feet), as observed in June 2007. Stained soil was observed only at a depth of 0 to 1.5 feet at 78SB01, which was installed within the visually impacted area near the drainage valve; however, no notable odors or photoionization detector (PID) readings exceeding background levels were observed in this sampling interval. Soil analytical data were subsequently evaluated using a human health and ecological risk screening processes, which revealed screening criteria exceedances for TPH-DRO, PAHs, and several metals (Baker, 2009). Additional sampling was proposed as part of a Full RFI to further characterize areas where the screening level exceedances were identified at SWMU 78.

3.2 Full RFI Details

The Full RFI Work Plan (Baker, 2011) was finalized in March 2011, and the field investigation was conducted by Baker Environmental, Inc. (Baker) in April and September 2011 to characterize the nature and extent of PAHs, TPH-DRO, and metals detected in surface and subsurface soil. Field activities included utility and vegetation clearance, and collection of surface and subsurface soil samples in accordance with the Final Full RFI Work Plan (Baker, 2011). A site survey and management of investigation derived waste (IDW) were completed as part of the demobilization activities. Field sample locations are shown on **Figure 3-1**. Copies of the field notes from this investigation and supporting documents and forms are located in **Appendix A**.

3.2.1 Surface and Subsurface Soil Sampling

Forty-three locations were sampled to complete the nature and extent of contamination determination in areas where Phase I RFI data indicated the potential for environmental impacts to be present. Based on the Phase I RFI findings, soil samples collected during the Full RFI were analyzed variously for Appendix IX low-level PAHs, TPH-DRO, and/or Appendix IX metals (**Table 3-1, Figure 3-1**). All soil borings were field screened for VOCs using a PID, and the readings were recorded on the soil boring logs (**Appendix A**). No PID readings exceeding background were observed at any boring location, and no other physical evidence of contamination was noted during the Full RFI investigation. Sample details, including the specified analytes and depth intervals at each location, are provided in **Table 3-1**.

3.2.1.1 Surface Soil Sampling

Surface soil samples were collected from 37 of the 43 soil boring locations, at a depth of 0 to 1 foot bgs (**Figure 3-1**). Vegetation and topsoil/root zone material was removed prior to homogenizing samples in stainless steel bowls, and samples were transferred directly into pre-labeled sample jars and placed on ice. Twenty-seven surface soil samples were collected using a 4-foot Geoprobe Macro-Core Sampler with disposable, clear acetate liners. The Sampler was advanced using a track-mounted direct-push technology (DPT) rig (Geoprobe 6610 DT rig operated by GeoEnviroTech, Inc., of Guaynabo, Puerto Rico). These samples were analyzed for Appendix IX low-level PAHs, TPH-DRO, and/or Appendix IX metals. Ten surface soil samples were collected using a stainless-steel spoon or hand auger at locations where only surface soil samples were planned to be collected (78SB20, 78SB33 through 78SB36, 78SB43 through 78SB45, and 78SB48 through 78SB49). These samples were analyzed for Appendix IX low-level PAHs, TPH-DRO, and/or Appendix IX metals.

An additional 11 surface soil samples were collected in September 2011 during a second mobilization to further delineate exceedances of arsenic, chromium, lead, and zinc identified during the April 2011 field investigation. These additional 11 samples were collected using a stainless-steel spoon or hand auger (78SB50 through 78SB59) and were analyzed for Appendix IX metals.

3.2.1.2 Subsurface Soil Sampling

Subsurface soil samples were collected from 24 of the 43 soil boring locations, at varying depth increments, between 1 to 3 feet bgs, 3 to 5 feet bgs, 5 to 7 feet bgs, 7 to 9 feet bgs, and 9 to 11 feet bgs (**Figure 3-1, Table 3-2**). Subsurface soil samples were not collected from two locations (78SB19 and 78SB46), and only one subsurface soil sample was collected from eleven locations (78SB17, 78SB18, 78SB21, 78SB27, 78SB28, 78SB31, 78SB32, 78SB37, 78SB42, 78SB57, and 78SB59) due to refusal from or encountering shallow bedrock or gravel. Shallow refusal and rock/gravel samples were encountered primarily on the upper plateau. Soil was homogenized in stainless steel bowls and samples were transferred directly into pre-labeled sample jars and placed on ice.

Thirty-six subsurface soil samples were collected using a 4-foot Geoprobe Macro-Core Sampler with disposable, clear acetate liners (Table 3-1). The Sampler was advanced using a track-mounted DPT rig (Geoprobe 6610 DT rig operated by GeoEnviroTech, Inc., of Guaynabo, Puerto Rico). These samples were analyzed for Appendix IX metals. Selected samples were analyzed for Appendix IX low-level PAHs and TPH-DRO.

3.2.2 Surveying

A subconsultant to Baker, PJDC, conducted a survey at SWMU 78 following each mobilization in April 2011 and September 2011. Conventional survey methods were used to provide accurate surveying data. Each boring location, as well as the corners of the concrete storage pad, were surveyed for horizontal coordinates and vertical elevation. The accuracy of this method was as follows:

+/- 0.01 Vertical
+/- 0.05 Horizontal

The U.S. State Plane 1983, Puerto Rico/Virgin Island 5200, and North American Datum 1983 coordinate systems were used to record these positions using feet as units. The coordinates are provided in the soil boring logs included in Appendix A.

3.2.3 QA/QC

Quality assurance/quality control (QA/QC) samples were collected in accordance with the Work Plan (Baker, 2011). A summary of the QA/QC samples collected and the associated analyses is provided in **Table 3-2**.

3.2.4 Data Validation and Usability

The laboratory data was validated by DataQal Environmental Services, Limited Liability Corporation (LLC), of St. Louis Missouri, an independent third party. Validation reports are provided in **Appendix B**. The data validation reports were reviewed during preparation of this RFI and two minor issues that warrant discussion were noted on SDG 1104175 and SDG 1104177. These discrepancies are not interpreted to affect the data quality or usability within the data and risk evaluations presented in this RFI report. With respect to the data validation report for

SDG 1104175, there is likely a typographical error on Page 5 of the report. In the discussion of the laboratory control sample recoveries in the first paragraph of Page 5, it is possible the text should read “low” instead of “high” or the percent recovery should have been reported as “111%”. In either case the final data result would be J-qualified as is already noted in the report. Regarding SDG 1104177, in the discussion of internal standards presented on Page 4 there is a low recovery noted for internal standards in the original extraction, and acceptable recovery for internal standards in the re-extraction. However, the re-extraction was performed outside holding time and so the results were not used; therefore, they are not presented as part of this report. It is a routine procedure for the data validator to select the “best result” and exclude the others to prevent redundancy.

TABLE 3-1
Summary of Sampling and Analytical Program
Full RFI SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Sample Media	Investigation	Station ID	Sample ID	Sample Depth (ft bgs)	Sample Date	Analysis							Comments
						Appendix IX VOCs	Appendix IX SVOCs	Appendix IX LLPAHs	Appendix IX Metals (Total)	Appendix IX PCBs	TPH DRO	TPH GRO	
Surface Soil	Phase I RFI	78SB01	78SB01-00	0.0 - 1.0	5/31/2008	X	X	X	X	X	X	X	
			78SB01-00D	0.0 - 1.0	5/31/2008	X	X	X	X	X	X	X	Duplicate
			78SB01-00MS/MSD	0.0 - 1.0	5/31/2008	X	X	X	X	X	X	X	Matrix Spike/Matrix Spike Duplicate
		78SB02	78SB02-00	0.0 - 1.0	5/30/2008	X	X	X	X	X	X	X	
		78SB03	78SB03-00	0.0 - 1.0	5/31/2008	X	X	X	X	X	X	X	
		78SB04	78SB04-00	0.0 - 1.0	5/30/2008	X	X	X	X	X	X	X	
		78SB05	78SB05-00	0.0 - 1.0	5/30/2008	X	X	X	X	X	X	X	
		78SB06	78SB06-00	0.0 - 1.0	5/30/2008	X	X	X	X	X	X	X	
		78SB07	78SB07-00	0.0 - 1.0	5/30/2008	X	X	X	X	X	X	X	
		78SB08	78SB08-00	0.0 - 1.0	5/30/2008	X	X	X	X	X	X	X	
			78SB08-00D	0.0 - 1.0	5/30/2008	X	X	X	X	X	X	X	Duplicate
		78SB09	78SB09-00	0.0 - 1.0	5/29/2008	X	X	X	X	X	X	X	
		78SB10	78SB10-00	0.0 - 1.0	5/29/2008	X	X	X	X	X	X	X	
		78SB11	78SB11-00	0.0 - 1.0	5/29/2008	X	X	X	X	X	X	X	
		78SB12	78SB12-00	0.0 - 1.0	5/29/2008	X	X	X	X	X	X	X	
		78SB13	78SB13-00	0.0 - 1.0	5/29/2008	X	X	X	X	X	X	X	
		78SB14	78SB14-00	0.0 - 1.0	5/29/2008	X	X	X	X	X	X	X	
		78SB15	78SB15-00	0.0 - 1.0	5/30/2008	X	X	X	X	X	X	X	
		78SB16	78SB16-00	0.0 - 1.0	5/30/2008	X	X	X	X	X	X	X	
Surface Soil	Full RFI	78SB17	78SB17-00	0.0 - 1.0	4/27/2011			X	X		X		
			78SB17-00D	0.0 - 1.0	4/27/2011			X	X		X		Duplicate
			78SB17-00MS/MSD	0.0 - 1.0	4/27/2011			X	X		X		Matrix Spike/Matrix Spike Duplicate
		78SB18	78SB18-00	0.0 - 1.0	4/27/2011			X	X		X		
		78SB19	78SB19-00	0.0 - 1.0	4/27/2011			X	X		X		
		78SB20	78SB20-00	0.0 - 1.0	4/26/2011				X				
		78SB21	78SB21-00	0.0 - 1.0	4/27/2011				X				
		78SB22	78SB22-00	0.0 - 1.0	4/27/2011				X				
		78SB23	78SB23-00	0.0 - 1.0	4/26/2011			X	X				
		78SB24	78SB24-00	0.0 - 1.0	4/26/2011			X	X				
		78SB25	78SB25-00	0.0 - 1.0	4/26/2011			X	X				
			78SB25-00D	0.0 - 1.0	4/26/2011			X	X				Duplicate
			78SB25-00MS/MSD	0.0 - 1.0	4/26/2011			X	X				Matrix Spike/Matrix Spike Duplicate
		78SB26	78SB26-00	0.0 - 1.0	4/26/2011			X	X				
		78SB33	78SB33-00	0.0 - 1.0	4/28/2011				X				
		78SB34	78SB34-00	0.0 - 1.0	4/28/2011				X				
		78SB35	78SB35-00	0.0 - 1.0	4/28/2011				X				
		78SB36	78SB36-00	0.0 - 1.0	4/28/2011				X				
		78SB37	78SB37-00	0.0 - 1.0	4/28/2011				X				
			78SB37-00D	0.0 - 1.0	4/28/2011				X				
		78SB38	78SB38-00	0.0 - 1.0	4/28/2011			X	X				
		78SB39	78SB39-00	0.0 - 1.0	4/28/2011			X	X				
			78SB39-00D	0.0 - 1.0	4/28/2011			X	X				Duplicate
		78SB40	78SB40-00	0.0 - 1.0	4/28/2011			X	X				
		78SB41	78SB41-00	0.0 - 1.0	4/28/2011			X	X				
		78SB42	78SB42-00	0.0 - 1.0	4/28/2011				X				
		78SB43	78SB43-00	0.0 - 1.0	4/28/2011				X				
		78SB44	78SB44-00	0.0 - 1.0	4/28/2011				X				
		78SB45	78SB45-00	0.0 - 1.0	4/28/2011				X				
		78SB46	78SB46-00	0.0 - 1.0	4/27/2011				X				
		78SB47	78SB47-00	0.0 - 1.0	4/27/2011				X				

TABLE 3-1
Summary of Sampling and Analytical Program
Full RFI SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Sample Media	Investigation	Station ID	Sample ID	Sample Depth (ft bgs)	Sample Date	Analysis							Comments
						Appendix IX VOCs	Appendix IX SVOCs	Appendix IX LLPAHs	Appendix IX Metals (Total)	Appendix IX PCBs	TPH DRO	TPH GRO	
Surface Soil	Full RFI	78SB48	78SB48-00	0.0 - 1.0	4/26/2011				X				
		78SB49	78SB49-00	0.0 - 1.0	4/27/2011				X				
		78SB50	78SB50-00	0.0 - 1.0	9/25/2011				X				
		78SB51	78SB51-00	0.0 - 1.0	9/25/2011				X				
		78SB52	78SB52-00	0.0 - 1.0	9/25/2011				X				
		78SB53	78SB53-00	0.0 - 1.0	9/25/2011				X				
		78SB54	78SB54-00	0.0 - 1.0	9/25/2011				X				
		78SB55	78SB55-00	0.0 - 1.0	9/25/2011				X				
		78SB56	78SB56-00	0.0 - 1.0	9/25/2011				X				
		78SB57	78SB57-00	0.0 - 1.0	9/27/2011			X	X				
		78SB58	78SB58-00	0.0 - 1.0	9/27/2011			X	X				
			78SB58-00D	0.0 - 1.0	9/27/2011				X				Duplicate
		78SB59	78SB59-00	0.0 - 1.0	9/27/2011			X	X				
Subsurface Soil	Phase I RFI	78SB01	78SB01-01	1.0 - 3.0	5/31/2008	X	X	X	X	X	X	X	
			78SB01-03	5.0 - 7.0	5/31/2008	X	X	X	X	X	X	X	
			78SB01-03D	5.0 - 7.0	5/31/2008	X	X	X	X	X	X	X	Duplicate
		78SB02	78SB02-01	1.0 - 3.0	5/30/2008	X	X	X	X	X	X	X	
			78SB02-03	5.0 - 7.0	5/30/2008	X	X	X	X	X	X	X	
		78SB03	78SB03-01	1.0 - 3.0	5/31/2008	X	X	X	X	X	X	X	
			78SB03-01D	1.0 - 3.0	5/31/2008	X	X	X	X	X	X	X	Duplicate
			78SB03-01MS/MSD	1.0 - 3.0	5/31/2008	X	X	X	X	X	X	X	Matrix Spike/Matrix Spike Duplicate
			78SB03-02	3.0 - 5.0	5/31/2008	X	X	X	X	X	X	X	
		78SB04	78SB04-01	1.0 - 3.0	5/30/2008	X	X	X	X	X	X	X	
			78SB04-02	3.0 - 5.0	5/30/2008	X	X	X	X	X	X	X	
		78SB05	78SB05-01	1.0 - 3.0	5/30/2008	X	X	X	X	X	X	X	
		78SB06	78SB06-01	1.0 - 3.0	5/30/2008	X	X	X	X	X	X	X	
			78SB06-02	3.0 - 5.0	5/30/2008	X	X	X	X	X	X	X	
		78SB07	78SB07-01	1.0 - 3.0	5/30/2008	X	X	X	X	X	X	X	
			78SB07-02	3.0 - 5.0	5/30/2008	X	X	X	X	X	X	X	
		78SB08	78SB08-01	1.0 - 3.0	5/30/2008	X	X	X	X	X	X	X	
			78SB08-02	3.0 - 5.0	5/30/2008	X	X	X	X	X	X	X	
		78SB09	78SB09-01	1.0 - 3.0	5/29/2008	X	X	X	X	X	X	X	
			78SB09-03	5.0 - 7.0	5/29/2008	X	X	X	X	X	X	X	
		78SB10	78SB10-01	1.0 - 3.0	5/29/2008	X	X	X	X	X	X	X	
			78SB10-02	3.0 - 5.0	5/29/2008	X	X	X	X	X	X	X	
		78SB11	78SB11-03	5.0 - 7.0	5/29/2008	X	X	X	X	X	X	X	
			78SB11-03D	5.0 - 7.0	5/29/2008	X	X	X	X	X	X	X	Duplicate
			78SB11-03MS/MSD	5.0 - 7.0	5/29/2008	X	X	X	X	X	X	X	Matrix Spike/Matrix Spike Duplicate
			78SB11-05	9.0 - 11.0	5/29/2008	X	X	X	X	X	X	X	
		78SB12	78SB12-02	3.0 - 5.0	5/30/2008	X	X	X	X	X	X	X	
			78SB12-03	5.0 - 7.0	5/30/2008	X	X	X	X	X	X	X	
		78SB13	78SB13-01	1.0 - 3.0	5/30/2008	X	X	X	X	X	X	X	
		78SB14	78SB14-02	3.0 - 5.0	5/30/2008	X	X	X	X	X	X	X	
		78SB15	78SB15-01	1.0 - 3.0	5/30/2008	X	X	X	X	X	X	X	
			78SB15-03	5.0 - 7.0	5/30/2008	X	X	X	X	X	X	X	
		78SB16	78SB16-01	1.0 - 3.0	5/30/2008	X	X	X	X	X	X	X	
			78SB16-03	5.0 - 7.0	5/30/2008	X	X	X	X	X	X	X	

TABLE 3-1
Summary of Sampling and Analytical Program
Full RFI SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Sample Media	Investigation	Station ID	Sample ID	Sample Depth (ft bgs)	Sample Date	Analysis							Comments
						Appendix IX VOCs	Appendix IX SVOCs	Appendix IX LLPAHs	Appendix IX Metals (Total)	Appendix IX PCBs	TPH DRO	TPH GRO	
Subsurface Soil	Full RFI	78SB17	78SB17-01	1.0 -3.0	4/27/2011			X	X		X		
			78SB17-01D	1.0 - 3.0	4/27/2011			X	X		X		Duplicate
			78SB01-01MS/MSD	1.0 - 3.0	4/27/2011			X	X		X		Matrix Spike/Matrix Spike Duplicate
		78SB18	78SB18-01	1.0 - 3.0	4/27/2011			X	X		X		
		78SB21	78SB21-01	1.0 - 3.0	4/27/2011				X				
		78SB22	78SB22-01	1.0 - 3.0	4/27/2011				X				
			78SB22-03	5.0 - 7.0	4/27/2011				X				
		78SB23	78SB23-01	1.0 - 3.0	4/26/2011			X	X				
			78SB23-01D	1.0 - 3.0	4/26/2011			X	X				Duplicate
			78SB23-03	5.0 - 7.0	4/26/2011			X	X				
		78SB24	78SB24-01	1.0 - 3.0	4/26/2011			X	X				
			78SB24-04	7.0 - 9.0	4/26/2011			X	X				
		78SB25	78SB25-01	1.0 - 3.0	4/26/2011			X	X				
			78SB25-04	7.0 - 9.0	4/26/2011			X	X				
		78SB26	78SB26-01	1.0 - 3.0	4/26/2011			X	X				
			78SB26-03	5.0 - 7.0	4/26/2011				X				
		78SB27	78SB27-01	1.0 - 3.0	4/27/2011				X				
		78SB28	78SB28-01	1.0 - 3.0	4/26/2011				X				
		78SB29	78SB29-01	1.0 - 3.0	4/26/2011				X				
			78SB29-02	3.0- 5.0	4/26/2011				X				
		78SB30	78SB30-01	1.0 - 3.0	4/27/2011				X				
			78SB30-01D	1.0 - 3.0	4/27/2011				X				Duplicate
			78SB30-01/MS/MSD	1.0 - 3.0	4/27/2011				X				Matrix Spike/Matrix Spike Duplicate
			78SB30-03	5.0 - 7.0	4/27/2011				X				
		78SB31	78SB31-01	1.0 - 3.0	4/27/2011				X				
		78SB32	78SB32-01	1.0 - 2.0	4/27/2011				X				
		78SB37	78SB37-01	1.0 - 3.0	4/28/2011				X				
		78SB38	78SB38-01	1.0 - 3.0	4/28/2011			X	X				
			78SB38-01D	1.0 - 3.0	4/28/2011			X	X				Duplicate
			78SB38-02	3.0 - 5.0	4/28/2011			X	X				
		78SB39	78SB39-01	1.0 - 3.0	4/28/2011			X	X				
			78SB39-03	5.0 - 7.0	4/28/2011			X	X				
		78SB40	78SB40-01	1.0 - 3.0	4/28/2011			X	X				
			78SB40-02	3.0 - 5.0	4/28/2011			X	X				
		78SB41	78SB41-01	1.0 - 3.0	4/28/2011			X	X				
			78SB41-02	3.0 - 5.0	4/28/2011			X	X				
		78SB42	78SB42-01	1.0 - 3.0	4/28/2011				X				
		78SB47	78SB47-01	1.0 - 3.0	4/27/2011				X				
			78SB47-05	9.0 - 11.0	4/27/2011				X				
		78SB57	78SB57-01	1.0 - 3.0	9/28/2011			X	X				
		78SB58	78SB58-01	1.0 - 3.0	9/28/2011			X	X				
			78SB58-01D	1.0 - 3.0	9/28/2011			X	X				Duplicate
			78SB58-01MS/MSD	1.0 - 3.0	9/28/2011			X	X				Matrix Spike/Matrix Spike Duplicate
		78SB59	78SB59-01	1.0 - 3.0	9/27/2011			X	X				

TABLE 3-1
Summary of Sampling and Analytical Program
Full RFI SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Sample Media	Investigation	Station ID	Sample ID	Sample Depth (ft bgs)	Sample Date	Analysis							Comments
						Appendix IX VOCs	Appendix IX SVOCs	Appendix IX LLPAHs	Appendix IX Metals (Total)	Appendix IX PCBs	TPH DRO	TPH GRO	
QA/QC - Trip Blanks	Phase I RFI	NA	QATB01	NA	5/2/2008	X						X	
			78TB01		5/29/2008	X						X	
			78TB02		5/29/2008	X						X	
QA/QC - Equipment Rinsate Blanks	Phase I RFI	NA	ER22	NA	5/29/2008	X	X	X	X		X	X	Macro Core Acetate liner
			ER24		5/31/2008	X	X	X	X	X	X	X	Macro Core Acetate liner
	Full RFI	NA	78ER01	NA	4/26/2011			X	X				Stainless Steel Spoon
			78ER02		4/27/2011			X	X		X		Macro Core Acetate liner
			78ER03		4/28/2011			X	X				Stainless Steel Spoon
			78ER04		9/25/2011			X	X				Stainless Steel Bucket Auger
			78ER05		9/27/2011			X	X				Macro Core Acetate liner
QA/QC - Field Blanks	Phase I RFI	NA	FB01	NA	5/2/2008	X	X	X	X		X	X	Lab Grade Deionized Water
	Full RFI	NA	78FB01	NA	4/27/2011			X	X		X		Lab Grade Deionized Water
			78FB02		9/27/2011			X	X				Lab Grade Deionized Water

Notes:
VOC - volatile organic compound
SVOC semivolatile organic compound
LLPAH - Low-level Polycyclic Aromatic Hydrocarbon
PCBs - polychlorinated biphenyls
TPH DRO - total petroleum hydrocarbons diesel range organics
TPH GRO - total petroleum hydrocarbons gas range organics
TCLP - toxicity characteristics leaching potential
RCI - reactivity, corrosivity, ignitability
ft bgs - feet below ground surface
NA - not applicable

LEGEND

- 2008 Phase I RFI Soil Sampling Location
- 2011 Full RFI Soil Sampling Location
- Elevation Contour (feet)
- Transformer Pad
- SWMU 78 Boundary

N

0 25 50 100
Feet

FIGURE 3-1
Sample Location Map
Full RFI Report, SWMU 78 – Pole Yard
Naval Activity Puerto Rico
Ceiba, Puerto Rico

ch2m

R:\USNAVYPUERTORICO20000317\MAPFILES\SWMU_78\AMMENDEDRFI\FIGURE03-01_SWMU78_SAMPLELOCATIONS.MXD JCARR_CH2MHILLENVGIS 9/15/2015 1:29:19 PM

SECTION 4

Nature and Extent of Contamination

This section presents the results and evaluation of the nature and extent of potential contamination at SWMU 78. Data collected during both Phase I and the full RFI are evaluated in this section. Surface and subsurface soil detections of constituents and exceedances of screening criteria are presented in **Table 4-1** for surface soil and **Table 4-2** for subsurface soil. Laboratory analytical results and data validation summary reports are provided in **Appendix B**. To provide for an evaluation of the nature and extent of contamination in soil, the surface and subsurface soil results discussed below were screened against USEPA Regional Screening Levels (RSLs) for human health residential and industrial exposure scenarios, as well as NAPR background (metals only) (CH2M HILL, 2013). The surface and shallow subsurface data were also screened against ecological screening values (ESVs) as discussed in Section 6 and Appendix D. Results of the screening against ESVs are shown on Tables D-19 and D-21 (provided in Appendix D) and are summarized below where applicable. The data are evaluated against both human health and ecological screening values in the quantitative HHRA and ERA presented in Sections 5 and 6, respectively.

4.1 Surface Soil Analytical Results

The surface soil analytical results are summarized as follows.

- VOCs – Seven compounds (1,4-dichlorobenzene, 2-hexanone, acetone, benzene, carbon disulfide, chloromethane, and iodomethane) were detected during the Phase I RFI. All VOCs were detected at concentrations less than the associated human health screening criteria (**Table 4-1**). The detected concentrations of VOCs in surface soil did not exceed ESVs (**Table D-19**).
- SVOCs – A total of 20 SVOCs were detected during the Phase I and Full RFI. Residential RSLs for human health were exceeded for three PAH compounds, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, in shallow subsurface soil samples collected from three locations (78SB23, 78SB24 and 78SB59) (Figure 4-1). Benzo(a)pyrene was also detected above the residential soil RSL in the subsurface soil sample collected from 7-9 feet at location 78SB24. Sample locations 78SB01, 78SB03, and 78SB19 are spatially associated with the transformer pad; 78SB01 and 78SB03 are specifically associated with the drain valve. The concentrations of these constituents are roughly the same order of magnitude as the residential soil RSLs. The extent of PAHs in surface soil in this area is defined laterally because PAHs were either not present or were detected at concentrations less than the screening criteria in borings adjacent to 78SB01 and 78SB03. Sample locations 78SB11, 78SB12, 78SB23, 78SB24, 78SB26, 78SB39, and 78SB58 are spatially associated with roadways that traverse the SWMU; therefore, the PAHs at these locations are not likely related to a release from the transformer pad. Additionally sample locations 78SB11, 78SB23, 78SB24, and 78SB26 are located topographically upgradient from the drain valve and would not receive runoff from the transformer pad. Locations 78SB12 and 78SB39 are significantly downgradient of the drain valve and there are no exceedances detected in samples located between the pad and those locations. The benzo(a)pyrene concentrations detected in the deepest samples collected from locations 78SB24 (34.2 mg/kg at 7-9 feet) and 78SB59 (27 mg/kg at 1-3 feet) marginally exceed the residential RSL for this constituent (15 mg/kg).The detected concentrations of SVOCs in surface soil did not exceed ESVs (**Table D-19**).
- PCBs – Aroclor-1260 was detected at two locations (78SB01 at 33 J micrograms per kilogram [µg/kg]) and 78SB11 at 48 J µg/kg), but the concentrations did not exceed human health screening criteria. Location 78SB01 is close to the transformer pad drain outlet, and 78SB11 is located on the roadway in the northwest portion of the SWMU. Both samples have a significant number of samples around them. The detected concentrations of PCBs in surface soil did not exceed ESVs (**Table D-19**).
- Metals – Seventeen metals were detected during the Phase I and Full RFI. Fourteen of the 17 metals (antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, tin, vanadium, and zinc) were detected at concentrations exceeding one or more of the human health screening

criteria (**Table 4-1)** and ESVs (**Table D-19**). However, most metals concentrations were at or below background concentrations, and for constituents that exceeded background concentrations in some locations, the exceedances were relatively similar to background concentrations and did not demonstrate a distribution pattern likely the result of a release. Four metals, antimony, arsenic, chromium, and vanadium, were detected at concentrations that exceeded background and exceeded the Industrial RSL and/or Residential RSL (**Figure 4-2**). Exceedances of human health screening criteria (**Table 4-1)** and ESVs (**Table D-19**), were intermittent across the site with no discernable trend or correlation, and do not appear to be representative of a release from the transformer pad.

- TPH – The maximum TPH concentrations were detected at two locations (78SB01 and 78SB03), with TPH-DRO at concentrations of 8,000 mg/kg and 820 mg/kg, respectively (**Figure 4-1**). These concentrations exceed the PREQB target level of 100 mg/kg for Total TPH. Given the spatial association of these borings with the transformer pad discharge valve, it is likely that the detected TPH is associated with a release from the storage pad. The maximum concentration of TPH at 78SB01 is consistent with the observation of soil staining at this location. The extent of TPH-DRO in surface soil in this area has been delineated because this constituent was either not present, or was detected at concentrations less than the screening criterion in borings adjacent to 78SB01 and 78SB03 (**Table 4-1** and **Figure 3-2**).

4.2 Subsurface Soil Analytical Results

The subsurface soil analytical results are summarized as follows.

- VOCs – Three compounds (1,4-dichlorobenzene, acetone, and iodomethane) were detected during the Phase I RFI. All VOCs were detected at concentrations less than the associated human health screening criteria (**Table 4-2**). The detected concentrations of VOCs in shallow subsurface soil did not exceed ESVs (**Table D-21**).
- SVOCs – A total of 16 SVOCs were detected during the Phase I and Full RFI. Residential RSLs for human health were exceeded for three PAH compounds, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, in shallow subsurface soil samples collected from four locations (**Figure 4-1**). PAHs were not detected in the shallow subsurface soil sample collected from location 78SB01 and therefore the PAHs detected near the transformer pad drain valve have been vertically delineated. The remaining PAH human health screening criteria exceedances (**Table 4-2**) for subsurface soil at 78SB23, 78SB24, and 78SB59, are from locations associated with the roadway in the northwest corner of SWMU 78, and are not indicative of a release from the pad. The detected concentrations of SVOCs in shallow subsurface soil did not exceed ESVs (**Table D-21**).
- PCBs – PCBs were not detected in subsurface soil.
- Metals – Sixteen metals were detected during the Phase I and Full RFI. Twelve of the 16 metals (arsenic, barium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, thallium, vanadium, and zinc) were detected at concentrations exceeding one or more of the human health screening criteria (**Table 4-2**) or ESVs (**Table D-21**). However, most metals concentrations were at or below background concentrations, and for constituents that exceeded background concentrations in some locations, the exceedances were relatively similar to background concentrations and did not demonstrate a distribution pattern likely the result of a release. Five metals, arsenic, copper, cobalt, thallium, and vanadium, were detected at concentrations that exceeded background and exceeded the Industrial RSL and/or Residential RSL (**Figure 4-2**). Exceedances of human health screening criteria (**Table 4-2**) and the ESVs (**Table D-21**), were intermittent across the site with no discernable trend or correlation, and do not appear to be representative of a release from the transformer pad.
- TPH –Total TPH was detected at a concentration of 180 mg/kg in the sample collected at a depth of 1 to 3 feet at boring 78SB01 (**Figure 4-1**). This concentration exceeds the PREQB target level of 100 mg/kg for Total TPH. However, Total TPH was detected at a concentration less than the screening criterion in the sample collected at a depth of 5 to 7 feet in the same boring. Total TPH concentrations did not exceed the screening criterion for any other subsurface soil samples.

4.3 Soil Screening Level Comparison

The soil analytical results for the Phase I RFI and Full RFI were evaluated relative to soil screening levels (SSLs) to assess whether leaching is expected to negatively impact groundwater beneath SWMU 78. The analytical data and physical conditions at SWMU 78 suggest that constituent concentrations in soil at SWMU 78 do not pose a risk of leaching to groundwater at levels that would result in groundwater concentrations exceeding drinking water standards. SWMU 78 is located on a steep hillside (elevation of approximately 200 feet), and groundwater is estimated to occur at depths of 80 to 100 feet bgs based on groundwater elevation measurements in wells located at nearby SWMU 7/8 (Tow Way Fuel Farm) (Baker, 2009). Furthermore, bedrock is fairly shallow (less than approximately 10 feet) beneath the surface at SWMU 78, and analytical data for the RFI investigations demonstrate that soil impacts are very localized and primarily shallow (less than 3 feet).

The RFI analytical results were compared to USEPA Risk- or MCL-based SSLs set at a dilution attenuation factor or 1 (DAF=1). TPH detections were also compared to the PREQB TPH SSL and metals concentrations were compared to background concentrations at NAPR (CH2M HILL, 2013). At DAF=1, the Risk- or MCL-based SSLs provide an overly conservative indication of potential impacts to groundwater beneath SWMU 78 given the small area of contamination (less than about 30 square feet) and shallow depth of contamination relative to depth to groundwater. The SSL comparison results for surface and subsurface soil are provided in **Tables 4-3 and 4-4**, respectively.

4.3.1 Surface Soil

For surface soil, Risk- or MCL-based SSL exceedances were identified for PAHs, Aroclor-1260, and select metals with the most frequent exceedances identified for arsenic, cobalt, copper, and vanadium (**Table 4-3**). None of the detected constituents whose concentration exceed the SSLs are very mobile in the environment. The PAH SSL (DAF=1) exceedances occur sporadically across SWMU 78. Aroclor-1260 is present in surface soil at locations 78SB01 and 78SB11 above the DAF=1 SSL criteria. The sporadic and spatially variable occurrences of the SSL (DAF=1) metals exceedances, especially with the four most frequently exceeded metals at the SSL (DAF=1), suggest these metals are not related to the potential source areas identified at SWMU 78, considering the known source area, and release and transport mechanisms. Additionally, the concentrations of the four metals are comparable to background.

Exceedances of the PREQB TPH SSL were identified at 78SB01 and 78SB03, which are located close to the drain outlet. In spite of the SSL exceedances for TPH, it is unlikely that hydrocarbons from this area will leach to groundwater, given the vertical extent of TPH in soil was delineated and shown not to be leaching appreciably. Further, because of the very limited areal extent of TPH contamination attributable to a release from the transformer pad, any potential leaching would be insignificant to groundwater. Studies have shown that the mobility of TPH compounds through soil is low to very low, and these compounds typically present minor to no risk of contaminating groundwater unless in direct contact (ATSDR, 1999; Ohio DERR, 2004; Massachusetts DEP, 2002). As further evidence, the TPH concentrations detected in the deeper subsurface samples (3 to 11 feet bgs) from these same locations did not exceed the SSL criteria.

4.3.2 Subsurface Soil

The limited mobility of the constituents detected in surface soil that exceed the SSLs (DAF=1) is further evidenced by comparisons of the subsurface soil data to the same criteria (**Table 4-4**). The PAH compounds detected in subsurface soil exceed the SSLs (DAF=1) far less frequently than in surface soil with the only exceedances being identified at five locations (78SB11, 78SB13, 78SB23, 78SB24, and 78SB59). No exceedances of the SSLs were identified in subsurface soil for Aroclor-1260. Arsenic, cobalt, copper and vanadium were again the four metals to most frequently exceed the SSL criteria in subsurface soil and again the locations of the exceedances have no spatial relationship to potential source areas identified at SWMU 78. Additionally, the concentrations of the four metals are comparable to background. An exceedance of the PREQB screening value for TPH at was identified at location 78SB01 (1 to 3 feet) (**Table 4-4**). The TPH SSL exceedances were also identified in surface soil at this location, but the exceedances do not continue with depth because the TPH concentration at 5 to 7 feet does not exceed the SSL criterion.

TABLE 4-1

NAPR SWMU 78 Phase I RFI and Full RFI

Surface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Surface Soil UTL Background	Adjusted Industrial Soil RSLs May 2014	Adjusted Residential Soil RSLs May 2014	78SB01		78SB02	78SB03	78SB04	78SB05	78SB06	78SB07	78SB08		78SB09	78SB10	78SB11	78SB12	78SB13	78SB14	78SB15	78SB16	78SB17		78SB18	78SB19
Sample ID				78SB01-00	78SB01-00D	78SB02-00	78SB03-00	78SB04-00	78SB05-00	78SB06-00	78SB07-00	78SB08-00	78SB08-00D	78SB09-00	78SB10-00	78SB11-00	78SB12-00	78SB13-00	78SB14-00	78SB15-00	78SB16-00	78SB17-00	78SB17-00D	78SB18-00	78SB19-00
Sample Date				05/31/08	05/31/08	05/30/08	05/31/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/30/08	05/30/08	04/27/11	04/27/11	04/27/11	04/27/11
Chemical Name																									
Volatile Organic Compounds (µg/kg)																									
1,4-Dichlorobenzene	--	11,000	2,600	140 UJ	6.6 UJ	6.8 U	150 U	6.7 U	7.3 U	8.1 U	6.9 U	9.1 J	8.2 U	6.9 U	6.8 U	6.8 UJ	7.7 U	7.3 U	8.2 UJ	7.4 U	8.1 U	NA	NA	NA	NA
2-Hexanone	--	130,000	20,000	2.2 U	1.9 U	2.6 U	2.7 U	2.3 U	2.3 U	2.6 U	2.3 U	3.4 U	3.1 U	2.3 U	2 U	2.3 U	2.3 U	1.8 U	4.1 J	2.5 U	2.7 U	NA	NA	NA	NA
Acetone	--	67,000,000	6,100,000	250 J	210 J	96 UJ	100 UJ	71 UJ	200	37 J	130 J	100	79	11 J	37 J	86 J	4.8 U	36 J	34 J	58 J	85 J	NA	NA	NA	NA
Benzene	--	5,100	1,200	0.83 U	0.73 U	0.99 U	1 U	0.88 U	0.87 U	0.98 U	0.87 U	1.3 U	1.2 U	0.87 U	0.75 U	1.4 J	0.86 U	0.76 J	1.1 J	1.1 J	1 U	NA	NA	NA	NA
Carbon disulfide	--	350,000	77,000	0.59 U	0.47 U	0.64 U	8	2.7 U	0.56 U	0.63 U	0.56 U	0.83 U	0.74 U	0.56 U	0.49 U	7.4	0.55 U	0.45 U	0.57 J	0.95 J	0.66 U	NA	NA	NA	NA
Chloromethane	--	46,000	11,000	0.74 U	0.65 U	0.89 U	2 J	0.79 U	0.78 U	0.88 U	0.78 U	1.1 U	1 U	0.79 U	0.68 U	0.77 U	0.77 U	0.62 U	0.73 U	0.85 U	0.92 U	NA	NA	NA	NA
Iodomethane	--	--	--	1.8 J	1.8 J	1.3 UJ	1.6 J	1.1 UJ	1.4 J	1.2 U	4.6 J	1.6 U	1.5 U	1.1 U	0.95 U	1.1 U	3.7 J	0.87 U	1 U	1.2 U	1.3 U	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)																									
2-Methylnaphthalene	--	300,000	23,000	38 UJ	1.8 UJ	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	1.9 UJ	19	2 U	2.3 UJ	2 U	2.2 U	4.62 U	2.21 U	2.6 U	2.45 U
Acenaphthene	--	4,500,000	350,000	13 UJ	0.61 UJ	0.62 U	14 U	0.61 U	0.67 U	0.75 U	0.63 U	0.81 U	0.75 U	0.63 U	0.63 U	0.63 UJ	18	0.67 U	0.76 UJ	0.68 U	0.74 U	4.62 U	2.21 U	2.6 U	2.45 U
Acenaphthylene	--	4,500,000	350,000	38 UJ	1.8 UJ	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	1.9 UJ	26	2 U	2.3 UJ	2 U	2.2 U	4.62 U	2.21 U	2.6 U	2.45 U
Anthracene	--	23,000,000	1,700,000	38 UJ	1.8 UJ	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	2.6 J	43	2 U	2.3 UJ	2 U	2.2 U	4.62 U	2.21 U	2.6 U	2.45 U
Benzo(a)anthracene	--	2,900	150	38 UJ	6 J	1.9 U	41 U	1.8 U	4.5 J	2.2 U	1.9 U	2.4 U	2.9 J	1.9 U	1.9 U	33 J	68	4.8 J	2.3 UJ	2 U	2.2 R	5.59 J	5.76 J	6.95 J	18.4
Benzo(a)pyrene	--	290	15	35 J	7 J	0.72 U	110 J	0.71 U	3.7 J	1.6 J	0.73 U	1.2 J	2.1 J	0.73 U	0.73 U	46 J	76	4.8 J	0.99 J	1.3 J	0.86 R	9.56 J	10.2	10.5 J	20.4
Benzo(b)fluoranthene	--	2,900	150	17 UJ	13 J	0.83 U	74 J	0.82 U	7.3 J	3.6 J	0.84 U	1.1 J	2.1 J	0.84 U	0.84 U	85 J	110	7.2 J	1 UJ	1.6 J	14 J	8.49 J	11.3	10.5 J	25.3
Benzo(g,h,i)perylene	--	--	--	110 J	6 J	11 J	290 J	12 J	3.7 J	2.2 U	1.9 UJ	3.8 J	2.2 U	1.9 UJ	1.9 U	39 J	34	3.6 J	2.3 UJ	2 U	19 J	130 J	113 J	93.7	25.2
Benzo(k)fluoranthene	--	29,000	1,500	22 UJ	1.1 UJ	1.1 U	24 U	1.1 U	1.2 UJ	1.3 UJ	1.1 U	1.4 J	1.4 J	1.1 U	1.1 U	1.1 UJ	1.2 U	1.2 U	1.3 UJ	1.7 J	1.3 R	6.57 J	6.98 J	6.97 J	21.6
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	340 UJ	14 UJ	18 U	470 U	17 U	16 J	18 J	5.3 U	37 J	42 J	13 U	16 U	35 UJ	12 U	13 U	10 UJ	18 U	26 R	NA	NA	NA	NA
Chrysene	--	290,000	15,000	14 UJ	5.6 J	2.2 J	59 J	2 J	5 J	1.4 J	0.68 U	1.3 J	2 J	0.68 U	0.67 U	48 J	66	4 J	0.81 UJ	1.5 J	34 J	7.65 J	8.76 J	9.32 J	21.4
Dibenz(a,h)anthracene	--	290	15	13 UJ	2.4 J	0.64 U	26 J	0.63 U	0.7 U	0.77 U	0.66 U	0.83 U	0.78 U	0.65 U	0.65 U	7.1 J	5.7 J	1.1 J	0.78 UJ	0.7 U	0.77 R	2.78 J	4.83 J	4.08 J	5.58 J
Dibenzofuran	--	100,000	7,200	94 UJ	4.5 UJ	4.6 U	100 U	4.5 U	5 U	5.5 U	4.7 U	5.9 U	5.6 U	4.6 U	4.6 U	4.6 UJ	33 J	4.9 U	5.6 UJ	5 U	5.5 U	NA	NA	NA	NA
Fluoranthene	--	3,000,000	230,000	38 UJ	9.3 J	1.9 U	51 J	1.8 U	6.2 J	2.2 U	1.9 U	2.4 U	2.3 J	1.9 U	1.9 U	57 J	180	10	2.3 UJ	2 U	15	5.79 J	7.71 J	7.9 J	21.5
Fluorene	--	3,000,000	230,000	17 UJ	0.82 UJ	0.84 U	19 U	0.83 U	0.91 U	1 U	0.86 U	1.1 U	1 U	0.85 U	0.85 U	0.85 UJ	53	1.3 J	1 UJ	0.92 U	1 U	4.62 U	2.21 U	2.6 U	2.45 U
Indeno(1,2,3-cd)pyrene	--	2,900	150	27 UJ	3.6 J	1.3 U	29 U	1.3 U	1.6 J	1.6 U	1.3 U	1.7 U	1.6 U	1.3 UJ	1.3 U	13 J	15 J	1.4 UJ	1.6 UJ	1.4 UJ	1.6 R	15.4 J	17.2	13.4	17.6
Naphthalene	--	17,000	3,800	13 UJ	0.67 J	0.65 UJ	15 UJ	0.73 J	0.92 J	0.79 U	0.67 UJ	0.85 U	0.79 U	0.66 U	0.66 U	0.66 UJ	99	1.2 J	0.8 UJ	0.71 U	1.9 J	4.62 U	2.21 U	2.6 U	2.45 U
Phenanthrene	--	--	--	38 UJ	2.2 J	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	13 J	220	7.8 J	2.3 UJ	2 U	5.5 J	1.42 J	1.93 J	2.39 J	3.4 J
Phenol	--	25,000,000	1,800,000	110 UJ	5.1 UJ	6.5 J	120 U	5.3 J	5.7 U	6.3 U	5.3 U	6.8 U	6.3 U	5.3 U	5.3 U	5.3 UJ	6 U	5.6 U	6.4 UJ	5.7 U	6.2 U	NA	NA	NA	NA
Pyrene	--	2,300,000	170,000	38 UJ	7.9 J	1.9 U	110 J	1.9 J	5.5 J	2.3 J	1.9 U	2.6 J	2.3 J	1.9 U	1.9 U	81 J	180	8.2	2.3 UJ	2.3 J	20	17.1 J	7.73 J	8.36 J	18.4
Polychlorinated Biphenyls (µg/kg)																									
Aroclor-1260	--	1,000	240	33 J	5.2 U	5.3 U	5.8 U	5.2 U	5.7 U	6.2 U	5.3 U	6.8 U	6.4 U	5.3 U	5.2 U	48 J	6.1 U	5.6 U	6.3 U	5.7 U	6.2 U	NA	NA	NA	NA
Total Metals (mg/kg)																									
Antimony	2.7	47	3.1	1.1 J	0.12 UJ	0.3 UJ	4 J	3.2 J	0.22 UJ	0.089 UJ	0.13 UJ	0.28 UJ	0.65 J	0.1 UJ	0.077 UJ	0.33 J	0.091 UJ	0.15 UJ	0.097 UJ	0.66 J	0.14 UJ	0.485 R	0.49 R	0.467 R	0.5 R
Arsenic	2.75	3	0.67	1.6	1	0.76	**4.2**	**4.1**	1.1	1	0.69	2.8	2.2	0.58	0.66	1.9	1.5	2.1	2.9	**8.2**	1.8	0.724 J	1.45	1.23	1.37
Barium	322	22,000	1,500	75 J	50 J	62	150	110	82	85	60	260 J	180 J	100	33	380	130	160	120	78	80	69.2 J	122 J	130	149
Beryllium	0.676	230	16	0.22	0.17	0.22	0.3	0.24	0.28	0.3	0.23	0.34	0.31	0.24	0.26	0.42	0.35	0.42	0.42	0.19	0.27	0.22 J	0.398 J	0.317 J	0.214 J
Cadmium	0.765	98	7	0.4	0.099 J	0.39	0.76	0.32	0.17	0.094 J	0.12	0.12 J	0.17	0.038 J	0.065 J	0.17	0.066 J	0.14	0.062 J	0.22	0.23	0.511	0.614	0.46 J	0.577
Chromium	55	6.3	0.3	**15**	**14**	**13**	**21**	**25**	**16 J**	**18 J**	**14**	**11 J**	**19 J**	**20 J**	**18**	**19**	**34 J**	**77 J**	**21 J**	**28 J**	**36 J**	**11.4**	**20.7**	**17.7**	**22.8**
Cobalt	52.3	35	2.3	25 J	17 J	16	21	22	15	26	16	**41**	33	27	25	17	**47**	34	**42**	18	**40**	18.3	22.7	18.8	19.5
Copper	192	4,700	310	160 J	78 J	49	100	120	93	190	28	280	220	110	12	91	120	130	170	110	240	32.4 J	116 J	96.6	58
Lead	34.2	800	400	21 R	2.8 R	3.4 R	180 R	80 R	13	1.8	2.6 R	4.2 R	27 R	1.3	2.2	45	2.1	3.9	1.4	19	0.81	16.7 J	33.2 J	34.6 J	39.9 J
Mercury	0.131	35	2.3	0.021 J	0.004 U	0.004 U	0.11	0.05	0.004 U	0.005 U	0.004 U	0.006 J	0.032	0.004 U	0.004 U	0.008 J	0.032	0.016 J	0.015 J	0.013 J	0.004 U	0.013 J	0.0356 J	0.023 J	0.057
Nickel	28	2,200	150	13	12	9.2	13	13	9.1	24	8.9	20	22	19	17	22	23	22	29	15	49	9.52 J	12.9 J	11.1 J	15.9 J
Selenium	1.07	580	39	0.13 U	0.12 U	0.12 U	0.19 J	0.14 J	0.13 U	0.14 U	0.13 U	0.18 J	0.21 J	0.12 U	0.12 U	0.25 J	1.4	0.54 J	0.41 J	0.32 J	0.14 U	0.132 J	0.321 J	0.289 J	0.345 J
Silver	--	580	39	0.073 J	0.074 J	0.04 J	0.099 J	0.08 J	0.062 J	0.039 J	0.027 J	0.13 J	0.12 J	0.093 J	0.038 J	0.06 J	0.03 J	0.08 J	0.039 J	0.065 J	0.11 J	0.054 J	0.0753 J	0.068 J	0.25 UJ
Thallium	--	1.2	0.078	0.13 U	0.12 U	0.12 U	0.14 U	0.12 U	0.13 U	0.14 U	0.13 U	0.17 U	0.14 U	0.17 J	0.12 U	0.13 U	0.14 U	0.13 J	0.15 U	0.14 U	0.14 U	0.115 U	0.0636 U	0.042 J	0.048 U
Tin	4.25	70,000	4,700	4.2 U	4 U	4 U	8.8 J	4.5 J	4.2 U	4.8 U	4.3 U	5.5 U	4.8 U	4.1 U	4.1 U	14 J	4.8 U	4.4 U	5.1 U	4.5 U	4.7 U	2.15 U	2.39 U	2.28 U	1.8 U
Vanadium	286	580	39	140	140	130	130	140	130	410	130	250	240	200	190	110	270	230	260	160	210	110 J	141 J	127 J	147 J
Zinc	132	35,000	2,300	150 J	59 J	53 J	490 J	240 J	110 J	85 J	46 J	70 J	150 J	57 J	65	260	47 J	51 J	56 J	84 J	72 J	95.6 J	162 J	147	123
Total Petroleum Hydrocarbons (ug/kg)																									
TPH-diesel range	--	--	--	8,000,000 J	12,000 J	1,700 J	820,000	4,600	5,100	1,400	3,300 J	2,600	5,200	1,100	890	18,000	16,000	3,800	14,000	2,300	36,000	2,100 U	2,100 U	2,400 U	2,300 U
TPH-gas range	--	--	--	390 J	110 J	170 J	660 J	120 J	120 J	120 J	110 J	120 J	110 J	65 U	75 J	170 J	120 J	200 J	370	200 J	110 U	NA	NA	NA	NA

Notes:

Shading indicates exceedance of the UTL surface soil background

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and an HQ=1 and are therefore adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-1

NAPR SWMU 78 Phase I RFI and Full RFI

Surface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Surface Soil UTL Background	Adjusted Industrial Soil RSLs May 2014	Adjusted Residential Soil RSLs May 2014	78SB20	78SB21	78SB22	78SB23	78SB24	78SB25	78SB25	78SB26	78SB33	78SB34	78SB35	78SB36	78SB37	78SB37	78SB38	78SB39	78SB39	78SB40	78SB41	78SB42	78SB43	78SB44
Sample ID				78SB20-00	78SB21-00	78SB22-00	78SB23-00	78SB24-00	78SB25-00	78SB25-00D	78SB26-00	78SB33-00	78SB34-00	78SB35-00	78SB36-00	78SB37-00	78SB37-00D	78SB38-00	78SB39-00	78SB39-00D	78SB40-00	78SB41-00	78SB42-00	78SB43-00	78SB44-00
Sample Date				04/26/11	04/27/11	04/27/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11
Chemical Name																									
Volatile Organic Compounds (µg/kg)																									
1,4-Dichlorobenzene	--	11,000	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	--	130,000	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	67,000,000	6,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	--	5,100	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	--	350,000	77,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	--	46,000	11,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)																									
2-Methylnaphthalene	--	300,000	23,000	NA	NA	NA	4.95 U	2.28 UJ	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA
Acenaphthene	--	4,500,000	350,000	NA	NA	NA	0.803 J	1.85 J	5.07 U	5.12 U	1 J	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA
Acenaphthylene	--	4,500,000	350,000	NA	NA	NA	4.95 U	2.28 UJ	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA
Anthracene	--	23,000,000	1,700,000	NA	NA	NA	1.27 J	8.3 J	5.07 U	5.12 U	3.49 J	NA	NA	NA	NA	NA	NA	4.65 UJ	2.43 U	2.42 U	2.25 U	4.52 UJ	NA	NA	NA
Benzo(a)anthracene	--	2,900	150	NA	NA	NA	19.5 J	167 J	5.07 U	5.12 U	53.9 J	NA	NA	NA	NA	NA	NA	4.65 R	9.15 J	2.92 J	4.82 J	4.52 R	NA	NA	NA
Benzo(a)pyrene	--	290	15	NA	NA	NA	16.7 J	140 J	5.07 U	5.12 U	49.9 J	NA	NA	NA	NA	NA	NA	4.65 R	15.6 J	4.73 J	7.53 J	4.52 R	NA	NA	NA
Benzo(b)fluoranthene	--	2,900	150	NA	NA	NA	27.6 J	185 J	5.07 U	5.12 U	61.1 J	NA	NA	NA	NA	NA	NA	4.65 R	34.4 J	12.4 J	19.9	4.52 R	NA	NA	NA
Benzo(g,h,i)perylene	--	--	--	NA	NA	NA	23.8 J	71.8 J	5.07 U	5.12 U	91.1 J	NA	NA	NA	NA	NA	NA	27.4 J	14.3 J	4.67 J	7.67 J	4.52 R	NA	NA	NA
Benzo(k)fluoranthene	--	29,000	1,500	NA	NA	NA	21.2 J	149 J	5.07 U	5.12 U	51.6 J	NA	NA	NA	NA	NA	NA	4.65 R	21.3 J	6.53 J	12.9	4.52 R	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	290,000	15,000	NA	NA	NA	25.1 J	181 J	5.07 U	5.12 U	60.7 J	NA	NA	NA	NA	NA	NA	6.72 J	17 J	6.01 J	10.7	9.28 J	NA	NA	NA
Dibenz(a,h)anthracene	--	290	15	NA	NA	NA	5.55 J	34.4 J	5.07 U	5.12 U	10.2 J	NA	NA	NA	NA	NA	NA	4.65 R	5.79 J	4.85 U	4.08 J	4.52 R	NA	NA	NA
Dibenzofuran	--	100,000	7,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	--	3,000,000	230,000	NA	NA	NA	28.2	209 J	5.07 U	5.12 U	68.8	NA	NA	NA	NA	NA	NA	4.65 UJ	6.53 J	6.57 J	5.66 J	4.52 UJ	NA	NA	NA
Fluorene	--	3,000,000	230,000	NA	NA	NA	4.95 U	0.786 J	5.07 U	5.12 U	0.839 J	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	--	2,900	150	NA	NA	NA	22.5 J	108 J	5.07 U	5.12 U	61.2 J	NA	NA	NA	NA	NA	NA	4.65 R	17.3 J	5.32 J	12.3	4.52 R	NA	NA	NA
Naphthalene	--	17,000	3,800	NA	NA	NA	4.95 U	2.28 UJ	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA
Phenanthrene	--	--	--	NA	NA	NA	12.6	53.9 J	5.07 U	5.12 U	24.1	NA	NA	NA	NA	NA	NA	4.65 UJ	1.14 J	2.13 J	1.31 J	0.924 J	NA	NA	NA
Phenol	--	25,000,000	1,800,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	--	2,300,000	170,000	NA	NA	NA	74.5 J	285 J	5.07 U	5.12 U	157 J	NA	NA	NA	NA	NA	NA	4.65 R	15.1	7.33 J	6.15 J	2.59 J	NA	NA	NA
Polychlorinated Biphenyls (µg/kg)																									
Aroclor-1260	--	1,000	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg)																									
Antimony	2.7	47	3.1	0.49 R	0.485 R	0.472 R	0.476 R	NA	0.49 R	0.495 R	0.472 R	0.467 R	0.495 R	0.495 R	0.467 R	0.481 R	0.481 R	0.495 R	0.5 R	0.495 R	0.495 R	0.476 R	0.49 R	0.5 R	0.5 R
Arsenic	2.75	3	0.67	1.52	1.86	1.05	1.39 J	1.83 J	0.444 J	0.411 J	0.865 J	**19.8**	2.25	**29.8**	1.96	1.11 J	1.09 J	**3.28**	0.413 J	0.669 J	2.51	2.43	1.29 J	**5.46 J**	**51.9 J**
Barium	322	22,000	1,500	114	140	81	150 J	147 J	284 J	141 J	76.6 J	113	97.6	86.3	79.6	105 J	98.7 J	63	118 J	327 J	94.2	40	81 J	70.5 J	92.8 J
Beryllium	0.676	230	16	0.219 J	0.519	0.156 J	0.292 J	0.327 J	0.346 J	0.401 J	0.244 J	0.22 J	0.198 J	0.304 J	0.237 J	0.307 J	0.331 J	0.188 J	0.304 J	0.422 J	0.309 J	0.207 J	0.294 J	0.275 J	0.325 J
Cadmium	0.765	98	7	0.883	0.491	0.178 J	0.346 J	0.394 J	0.31 J	0.376 J	0.31 J	0.423 J	0.629	0.568	0.523	0.189 J	0.234 J	0.305 J	0.278 J	1.5 J	0.259 J	0.488	0.254 J	0.527 J	0.279 J
Chromium	55	6.3	0.3	**22.8**	**39.1**	**12.7**	**24.9 J**	**19.6 J**	**13.2 J**	**13.8 J**	**30.4 J**	**38.8**	**25.6**	**52**	**18.3**	**43.5 J**	**20.3 J**	**16.4**	**22.2**	**27.3**	**32**	**18.3**	**16.9 J**	**36.6 J**	49.5 R
Cobalt	52.3	35	2.3	21.6	**36.2**	22.3	19.4 J	17.4 J	22.9 J	16.9 J	16.9 J	23.1	21.5	12.2	16.9	24.8 J	24.4 J	17.2	23	29.3	27.4	15.4	23.4 J	16.4 J	19.3 J
Copper	192	4,700	310	104	113	76.9	63.5 J	77.3 J	11.2 J	10.2 J	82.1 J	113	83.7	141	67.8	86.6 J	87.8 J	46.9	162	116	106	71.9	88.6 J	83.8 J	106 J
Lead	34.2	800	400	71.1 J	88.4 J	1.02 J	13.3 J	27.1 J	0.916 J	0.967 J	16.4 J	36 J	48 J	12 J	16.4 J	2.32 J	2.88 J	5.85 J	1.4 R	10.3 R	4.27 J	2.89 J	5.68 J	17.8 J	9.14 J
Mercury	0.131	35	2.3	0.059	0.028 J	0.01 U	0.028 J	0.02 J	0.012 U	0.012 U	0.03 J	0.059	0.049	0.017 J	0.032 J	0.009 J	0.054	0.008 J	0.012 U	0.0305 J	0.021 J	0.014 J	0.064	0.026 J	0.022 J
Nickel	28	2,200	150	11 J	14.5 J	11.2 J	12.7 J	11.1 J	10.5 J	12.3 J	10.5 J	15.9 J	13.2 J	11.1 J	12.8 J	14.8 J	10.6 J	15.5 J	16.9 J	15.9 J	13.2 J	12.3 J	9.59 J	13.4 J	10.9 J
Selenium	1.07	580	39	0.37 J	0.339 J	0.126 J	0.232 J	0.39 J	0.346 J	0.27 J	0.164 J	0.561 J	0.434 J	0.297 J	0.445 J	0.593 J	0.751 J	0.463 J	0.33 J	0.845 J	0.496 J	0.439 J	0.319 J	1.04 J	0.959 J
Silver	--	580	39	0.043 J	0.06 J	0.053 J	0.055 J	0.052 J	0.126 J	0.248 UJ	0.239 J	0.052 J	0.061 J	0.248 UJ	0.063 J	0.24 UJ	0.043 J	0.248 UJ	0.25 UJ	0.0419 J	0.042 J	0.238 UJ	0.245 UJ	0.25 UJ	0.042 J
Thallium	--	1.2	0.078	0.041 U	0.051 J	0.059 J	0.049 J	0.055 J	0.102 J	0.025 J	0.054 J	0.066 J	0.045 J	0.046 J	0.057 J	0.077 J	0.09 J	0.063 J	0.031 J	0.0402 J	0.083 J	0.032 J	0.078 J	0.072 J	0.104 J
Tin	4.25	70,000	4,700	2.31 U	2.78 U	1.61 U	1.89 UJ	17.5 J	6.04 UJ	1.8 UJ	2.6 UJ	2.08 U	4.3 U	2.06 U	2.09 U	1.76 UJ	1.82 UJ	1.78 U	1.57 U	6.06 U	1.79 U	1.53 U	15.7 J	2.15 UJ	1.98 UJ
Vanadium	286	580	39	113 J	124 J	211 J	115 J	113 J	91.6 J	88.2 J	104 J	129 J	120 J	87.8 J	102 J	175 J	213 J	115 J	160 J	161 J	172 J	105 J	140 J	106 J	124 J
Zinc	132	35,000	2,300	234	612	43.5	101 J	661 J	48 J	44.7 J	95.7 J	106	131	125	71.2	47.4 J	44.1 J	32.3	65.2 R	785 R	56.7	35.2	37.1 J	76.8 J	52 J
Total Petroleum Hydrocarbons (ug/kg)																									
TPH-diesel range	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Shading indicates exceedance of the UTL surface soil background

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and an HQ=1 and are therefore adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-1

NAPR SWMU 78 Phase I RFI and Full RFI

Surface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Surface Soil UTL Background	Adjusted Industrial Soil RSLs May 2014	Adjusted Residential Soil RSLs May 2014	78SB45	78SB46	78SB47	78SB48	78SB49	78SB50	78SB51	78SB52	78SB53	78SB54	78SB55	78SB56	78SB57	78SB58		78SB59
Sample ID				78SB45-00	78SB46-00	78SB47-00	78SB48-00	78SB49-00	78SB50-00	78SB51-00	78SB52-00	78SB53-00	78SB54-00	78SB55-00	78SB56-00	78SB57-00	78SB58-00	78SB58-00D	78SB59-00
Sample Date				04/28/11	04/27/11	04/27/11	04/26/11	04/26/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/27/11	09/27/11	09/27/11	09/27/11
Chemical Name																			
Volatile Organic Compounds (µg/kg)																			
1,4-Dichlorobenzene	--	11,000	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	--	130,000	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	67,000,000	6,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	--	5,100	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	--	350,000	77,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	--	46,000	11,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)																			
2-Methylnaphthalene	--	300,000	23,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	2.8 U	NA	4.5 UJ
Acenaphthene	--	4,500,000	350,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	1.8 J	NA	4.5 UJ
Acenaphthylene	--	4,500,000	350,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	2.8 U	NA	4.5 UJ
Anthracene	--	23,000,000	1,700,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	5 J	NA	2 J
Benzo(a)anthracene	--	2,900	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	96	NA	8.2 J
Benzo(a)pyrene	--	290	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	88	NA	14 J
Benzo(b)fluoranthene	--	2,900	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	130	NA	12 J
Benzo(g,h,i)perylene	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	56	NA	52 J
Benzo(k)fluoranthene	--	29,000	1,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	54	NA	8.7 J
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	290,000	15,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	97	NA	15 J
Dibenz(a,h)anthracene	--	290	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	16	NA	8.9 UJ
Dibenzofuran	--	100,000	7,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	--	3,000,000	230,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	130	NA	18 J
Fluorene	--	3,000,000	230,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	0.97 J	NA	4.5 UJ
Indeno(1,2,3-cd)pyrene	--	2,900	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	69	NA	7.5 J
Naphthalene	--	17,000	3,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	2.8 U	NA	4.5 UJ
Phenanthrene	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	35	NA	8.1 J
Phenol	--	25,000,000	1,800,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	--	2,300,000	170,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	130	NA	19 J
Polychlorinated Biphenyls (µg/kg)																			
Aroclor-1260	--	1,000	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg)																			
Antimony	2.7	47	3.1	0.481 R	0.232 R	0.49 R	0.476 R	0.472 R	0.624 R	0.655 R	0.578 R	0.59 R	0.544 R	0.59 R	0.589 R	0.559 R	0.656 R	0.61 R	0.526 R
Arsenic	2.75	3	0.67	**6.34 J**	**8.01**	0.181 J	1.22	**6.36**	2.74 J	0.932 J	1.58 J	**3.18 J**	**5.89 J**	**102 J**	1.06 J	1.09 J	1.07 J	1.37 J	**3.58 J**
Barium	322	22,000	1,500	58.2 J	166	64.4	138	152	65.4 J	70.6 J	87.7 J	83.6 J	46.9 J	62.7 J	84.5 J	70.4 J	39.5 J	74 J	54.1 J
Beryllium	0.676	230	16	0.225 J	0.206 J	0.116 J	0.245 J	0.37 J	0.208 J	0.191 J	0.207 J	0.228 J	0.079 J	0.134 J	0.173 J	0.329 J	0.353 J	0.343 J	0.139 J
Cadmium	0.765	98	7	0.236 J	0.697	0.102 J	0.404 J	0.991	0.35 J	0.258 J	0.268 J	0.306 J	0.24 J	0.395 J	0.365 J	0.276 J	0.244 J	0.256 J	0.303 J
Chromium	55	6.3	0.3	26.2 R	**14.2**	**11.7**	**23.1**	**37.3**	**22 J**	**18.4 J**	**14.6 J**	**21.8 J**	**17.4 J**	**197 J**	**20.9 J**	**65.3 J**	**107 J**	**79 J**	**14 J**
Cobalt	52.3	35	2.3	15.2 J	15.8	21.5	19.6	30.4	25.8	19.5	20.4	19.8	9.36	15.3	24.3	34.8	14.8	16.5	12.8
Copper	192	4,700	310	79.9 J	133	59.8	73.3	104	72.1	69	63.6	75.9	47.2	116	96.8	41.9	52.9	67.6	34.8
Lead	34.2	800	400	5.86 J	104 J	0.493 J	47.2 J	157 J	15.6	5.96	3.54	8.43	12.2	12.7	10.8	9.6	24.7 J	47.1 J	5.08
Mercury	0.131	35	2.3	0.031 J	0.168	0.011 U	0.07	0.098	0.091	0.06	0.029 J	0.052	0.039	0.032 J	0.025 J	0.03 J	0.041	0.03 J	0.025 J
Nickel	28	2,200	150	9.35 J	8.31 J	14.4 J	10.3 J	16.1 J	13.7 J	10.1 J	8.92 J	9.88 J	9.14 J	10.9 J	15.8 J	14.5 J	19.2 J	19.7 J	10 J
Selenium	1.07	580	39	1.09 J	0.174 J	0.151 J	0.53 J	0.757 J	0.861 J	0.72 J	0.632 J	1.02 J	0.718 J	0.407 J	0.386 J	0.878 J	0.892 J	1.11 J	0.387 J
Silver	--	580	39	0.24 UJ	0.096 J	0.245 UJ	0.044 J	0.136 J	0.312 UJ	0.327 UJ	0.289 UJ	0.295 UJ	0.272 UJ	0.295 UJ	0.294 UJ	0.279 UJ	0.328 UJ	0.305 UJ	0.263 UJ
Thallium	--	1.2	0.078	0.06 J	0.052 U	0.02 J	0.051 U	0.083 U	0.047 J	0.071 J	0.037 J	0.046 J	0.045 J	0.03 J	0.047 J	0.047 J	0.029 J	0.03 J	0.017 J
Tin	4.25	70,000	4,700	2.3 UJ	17.6	1.92 U	2.26 U	2.34 U	2.97 U	2.9 U	2.33 U	2.52 U	2.34 U	1.96 U	2.59 U	1.96 U	4.16 U	7.11 U	2.18 U
Vanadium	286	580	39	99.9 J	72.1 J	138 J	122 J	155 J	145 J	127 J	125 J	129 J	59.2 J	86.9 J	146 J	100 J	150 J	143 J	90 J
Zinc	132	35,000	2,300	47.2 J	413	38.1	116	263	45 J	46.1 J	50.2 J	54.6 J	28.9 J	66.3 J	59.3 J	29.1 J	187 J	316 J	37.6 J
Total Petroleum Hydrocarbons (ug/kg)																			
TPH-diesel range	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Shading indicates exceedance of the UTL surface soil background

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and an HQ=1 and are therefore adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Adjusted Industrial Soil RSLs	Adjusted Residential Soil RSLs	78SB01			78SB02		78SB03			78SB04		78SB05
Sample ID				78SB01-01	78SB01-03	78SB01-03D	78SB02-01	78SB02-03	78SB03-01	78SB03-01D	78SB03-02	78SB04-01	78SB04-02	78SB05-01
Sample Date				05/31/08	05/31/08	05/31/08	05/30/08	05/30/08	05/31/08	05/31/08	05/31/08	05/30/08	05/30/08	05/30/08
Chemical Name														
Volatile Organic Compounds (µg/kg)														
1,4-Dichlorobenzene	--	11,000	2,600	7 U	8 U	6.6 U	7.5 U	6.8 U	7 U	7 U	6.9 U	6.6 U	6.7 UJ	7.8 J
Acetone	--	67,000,000	6,100,000	180 J	36 UJ	15 UJ	170 J	20 UJ	21 UJ	15 UJ	16 UJ	14 UJ	8.4 UJ	48 J
Iodomethane	--	--	--	4.7 J	1.3 U	0.86 U	12 J	1.2 UJ	1.1 U	1.1 U	1.1 U	0.79 UJ	0.83 UJ	1.2 U
Semivolatile Organic Compounds (µg/kg)														
Anthracene	--	23,000,000	1,700,000	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	2 U
Benzo(a)anthracene	--	2,900	150	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	2 U
Benzo(a)pyrene	--	290	15	0.74 U	1.3 J	0.7 U	0.8 U	0.72 U	0.74 U	0.75 U	0.74 U	0.7 U	0.71 U	0.78 UJ
Benzo(b)fluoranthene	--	2,900	150	0.85 UJ	2 J	0.81 UJ	0.92 U	0.83 U	0.85 UJ	0.86 UJ	0.85 UJ	0.81 U	0.82 UJ	0.9 U
Benzo(g,h,i)perylene	--	--	--	1.9 UJ	2.2 UJ	1.8 UJ	2 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.8 UJ	1.8 UJ	2 U
Benzo(k)fluoranthene	--	29,000	1,500	1.1 U	1.3 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 UJ
Benzyl alcohol	--	8,200,000	620,000	9 U	10 U	8.5 U	9.6 U	8.8 U	10 J	9.1 U	8.9 U	8.5 U	8.6 UJ	9.4 U
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	13 U	14 U	14 U	18 U	8.8 UJ	12 U	17 U	12 U	5.1 U	27 U	11 J
Chrysene	--	290,000	15,000	0.69 U	1.2 J	0.65 U	0.74 U	0.67 U	0.69 U	0.69 U	0.68 U	0.65 U	0.65 U	0.72 U
Dibenz(a,h)anthracene	--	290	15	0.66 U	0.76 U	0.63 U	0.71 U	0.65 U	0.66 U	0.67 U	0.66 U	0.63 U	0.63 U	0.7 U
Fluoranthene	--	3,000,000	230,000	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	2 U
Fluorene	--	3,000,000	230,000	0.87 U	0.99 U	0.82 U	0.93 U	0.84 U	0.86 U	0.87 U	0.86 U	0.82 U	0.83 UJ	0.91 U
Indeno(1,2,3-cd)pyrene	--	2,900	150	1.3 U	1.5 U	1.3 U	1.4 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.3 U	1.4 UJ
Naphthalene	--	17,000	3,800	0.67 UJ	0.77 UJ	0.64 UJ	0.72 UJ	0.66 UJ	0.67 UJ	0.68 UJ	0.67 UJ	0.64 UJ	0.64 UJ	0.71 U
Phenanthrene	--	--	--	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	2 U
Pyrene	--	2,300,000	170,000	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 UJ	2 U
Polychlorinated Biphenyls (µg/kg)														
No Detections														
Total Metals (mg/kg)														
Antimony	--	47	3.1	0.077 UJ	0.093 UJ	0.092 UJ	0.4 UJ	0.079 UJ	0.4 UJ	0.28 UJ	0.28 UJ	0.16 UJ	0.11 UJ	0.082 UJ
Arsenic	3.15	3	0.67	0.7	0.73	0.97	1.5	0.54	0.96	0.87	1.1	0.95	0.4 U	0.68
Barium	347	22,000	1,500	38	30	32	41	32	86	63	230	38	22	27
Beryllium	0.672	230	16	0.25	0.22	0.2	0.22	0.15	0.21	0.19	0.14	0.15	0.12	0.13
Cadmium	0.603	98	7	0.073 J	0.045 J	0.09 J	3.7	0.16	0.63	0.56	2.6	0.3	0.069 J	0.035 J
Chromium	167	6.3	0.3	**14**	**12**	**13**	**18**	**8.1**	**17**	**17**	**10**	5.6	**9.1**	5.7 J
Cobalt	49.8	35	2.3	18	11	13	17	14	24	23	27	12	6.6	9
Copper	280	4,700	310	84	190	150	61	9.4	140	100	120	24	16	84
Lead	6.97	800	400	1.6 R	1.2 R	1.7 R	0.84 R	0.65 R	1.8 R	1.4 R	1.2 R	1.8 R	1.2 R	0.96
Mercury	0.119	35	2.3	0.0039 U	0.0048 U	0.0042 U	0.0048 U	0.0042 U	0.0043 U	0.0089 J	0.0042 U	0.0037 U	0.004 U	0.0046 U
Nickel	34.1	2,200	150	11	7	8.6	16	9.2	18	17	12	6.3	4.8	5.7
Selenium	2.57	580	39	0.12 U	0.15 U	0.12 U	0.13 U	0.13 U	0.13 U	0.13 U	0.12 U	0.11 U	0.12 U	0.13 U
Silver	--	580	39	0.029 J	0.043 J	0.028 J	0.16 J	0.075 J	0.14 J	0.15 J	0.06 J	0.034 J	0.036 J	0.025 J
Thallium	0.27	1.2	0.078	0.12 U	0.15 U	0.12 U	0.13 U	0.13 U	0.13 U	0.13 U	0.12 U	0.11 U	0.12 U	0.13 U
Vanadium	482	580	39	140	130	130	220	100	190	190	180	70	55	71
Zinc	111	35,000	2,300	70 J	39 J	35 J	66 J	37 J	61 J	60 J	40 J	29 J	24 J	22 J

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	**NAPR Background Subsurface Soil UTL (Clay)**	**Adjusted Industrial Soil RSLs**	**Adjusted Residential Soil RSLs**	78SB01			78SB02		78SB03			78SB04		78SB05
Sample ID				78SB01-01	78SB01-03	78SB01-03D	78SB02-01	78SB02-03	78SB03-01	78SB03-01D	78SB03-02	78SB04-01	78SB04-02	78SB05-01
Sample Date				05/31/08	05/31/08	05/31/08	05/30/08	05/30/08	05/31/08	05/31/08	05/31/08	05/30/08	05/30/08	05/30/08
Chemical Name														
Total Petroleum Hydrocarbons (ug/kg)														
TPH-diesel range	--	--	--	180,000	2,100 J	1,500 J	1,400 J	1,200 J	14,000	12,000	1,700 J	1,300 J	780 J	1,800
TPH-gas range	--	--	--	79 U	110 J	53 U	64 U	71 U	71 U	63 U	72 U	56 U	62 U	200 J

Notes:

Shading indicates exceedance of NAPR Background Subsurface Soil UTL (Clay)

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and HQ=0.1 and therefore the SLs are adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Adjusted Industrial Soil RSLs	Adjusted Residential Soil RSLs	78SB06		78SB07		78SB08		78SB09		78SB10	
Sample ID				78SB06-01	78SB06-02	78SB07-01	78SB07-02	78SB08-01	78SB08-02	78SB09-01	78SB09-03	78SB10-01	78SB10-02
Sample Date				05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/29/08	05/29/08	05/29/08	05/29/08
Chemical Name													
Volatile Organic Compounds (µg/kg)													
1,4-Dichlorobenzene	--	11,000	2,600	7.4 U	7.1 UJ	6.9 U	7.2 U	7.3 U	7.3 U	6.8 U	6.6 U	7.3 U	6.5 U
Acetone	--	67,000,000	6,100,000	26 J	13 J	25 UJ	38 UJ	34 J	17 J	19 J	5.2 U	8.1 J	9.5 J
Iodomethane	--	--	--	1.9 U	0.99 U	1.4 UJ	3.2 J	1.3 U	1.2 U	1.9 U	1.2 U	1.1 U	1.1 U
Semivolatile Organic Compounds (µg/kg)													
Anthracene	--	23,000,000	1,700,000	2 U	2 UJ	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U
Benzo(a)anthracene	--	2,900	150	2 U	2 UJ	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U
Benzo(a)pyrene	--	290	15	0.79 UJ	0.76 UJ	0.73 U	0.77 U	0.77 UJ	0.77 UJ	0.73 U	0.7 U	0.78 U	0.7 U
Benzo(b)fluoranthene	--	2,900	150	0.91 U	0.88 UJ	0.84 UJ	0.89 UJ	0.89 U	0.89 U	0.84 U	0.81 U	0.9 U	0.8 U
Benzo(g,h,i)perylene	--	--	--	2 U	2 UJ	1.9 UJ	2 UJ	2 U	2 U	1.9 UJ	1.8 UJ	2 U	1.8 U
Benzo(k)fluoranthene	--	29,000	1,500	1.2 UJ	1.2 UJ	1.1 U	1.2 U	1.2 UJ	1.2 UJ	1.1 U	1.1 U	1.2 U	1.1 U
Benzyl alcohol	--	8,200,000	620,000	9.6 U	9.2 UJ	8.9 U	9.3 U	9.4 U	9.4 U	8.8 U	8.5 UJ	9.4 UJ	8.4 U
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	5.8 U	12 UJ	18 U	21 U	10 J	5.6 U	12 U	8.2 U	9.4 U	34 U
Chrysene	--	290,000	15,000	0.73 U	0.7 UJ	0.68 U	0.71 U	0.71 U	0.71 U	0.67 U	0.65 U	0.72 U	0.64 U
Dibenz(a,h)anthracene	--	290	15	0.71 U	0.68 UJ	0.65 U	0.69 U	0.69 U	0.69 U	0.65 U	0.63 U	0.7 UJ	0.62 U
Fluoranthene	--	3,000,000	230,000	2 U	2 UJ	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U
Fluorene	--	3,000,000	230,000	0.92 U	0.89 UJ	0.85 U	0.9 U	0.9 U	0.9 U	0.85 U	0.82 U	0.91 U	0.81 U
Indeno(1,2,3-cd)pyrene	--	2,900	150	1.4 U	1.4 UJ	1.3 U	1.4 U	1.4 U	1.4 U	1.3 UJ	1.3 UJ	1.4 UJ	1.3 U
Naphthalene	--	17,000	3,800	0.72 U	0.69 UJ	0.67 UJ	0.7 UJ	0.7 U	0.7 U	0.66 U	0.64 U	0.71 U	0.63 U
Phenanthrene	--	--	--	2 U	2 UJ	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U
Pyrene	--	2,300,000	170,000	2 U	2 UJ	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U
Polychlorinated Biphenyls (µg/kg)													
No Detections													
Total Metals (mg/kg)													
Antimony	--	47	3.1	0.083 UJ	0.077 UJ	0.079 UJ	0.078 UJ	0.078 UJ	0.079 UJ	0.079 UJ	0.082 UJ	0.084 UJ	0.074 UJ
Arsenic	3.15	3	0.67	0.61	0.4 U	0.65	0.5 U	0.66	0.62	0.36 U	0.48 U	0.54 U	0.54
Barium	347	22,000	1,500	76	13	34	25	33	42	170	100	450	35
Beryllium	0.672	230	16	0.14	0.1 J	0.23	0.16	0.21	0.15	0.19	0.13	0.16	0.24
Cadmium	0.603	98	7	0.13	0.07 J	0.034 J	0.034 J	0.059 J	0.062 J	0.034 J	0.085 J	0.049 J	0.043 J
Chromium	167	6.3	0.3	**13 J**	**12 J**	**14**	**11**	**9.9 J**	**12 J**	**15 J**	**12 J**	**18**	**14**
Cobalt	49.8	35	2.3	35	24	11	10	7.9	19	33	30	34	16
Copper	280	4,700	310	130	86	21	18	200	82	170	63	29	8.2
Lead	6.97	800	400	0.76	0.38	0.73 R	0.45 R	0.68	0.5	0.78	0.5	1.7	1
Mercury	0.119	35	2.3	0.0046 U	0.0038 U	0.0044 U	0.0044 U	0.0043 U	0.0043 U	0.0041 U	0.0042 U	0.0046 U	0.0042 U
Nickel	34.1	2,200	150	20	17	7.5	6.8	6.3	12	22	17	12	11
Selenium	2.57	580	39	0.13 U	0.12 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.12 U	0.13 U	0.12 U
Silver	--	580	39	0.038 J	0.037 J	0.03 J	0.03 J	0.022 J	0.053 J	0.089 J	0.099 J	0.098 J	0.023 J
Thallium	0.27	1.2	0.078	0.13 U	0.12 U	0.13 U	0.13 U	0.13 U	0.13 U	0.35 J	0.25 J	0.13 U	0.12 U
Vanadium	482	580	39	230	170	120	74	110	130	200	270	190	160
Zinc	111	35,000	2,300	46 J	41 J	33 J	25 J	19 J	29 J	60 J	54 J	47	41

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	**NAPR Background Subsurface Soil UTL (Clay)**	**Adjusted Industrial Soil RSLs**	**Adjusted Residential Soil RSLs**	78SB06		78SB07		78SB08		78SB09		78SB10	
Sample ID				78SB06-01	78SB06-02	78SB07-01	78SB07-02	78SB08-01	78SB08-02	78SB09-01	78SB09-03	78SB10-01	78SB10-02
Sample Date				05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/29/08	05/29/08	05/29/08	05/29/08
Chemical Name													
Total Petroleum Hydrocarbons (ug/kg)													
TPH-diesel range	--	--	--	830	900	660 U	700 U	1,200	1,800	2,200	1,400	2,400	3,500
TPH-gas range	--	--	--	82 U	72 U	72 U	60 U	120 J	72 U	70 U	59 U	65 U	62 U

Notes:

Shading indicates exceedance of NAPR Background Subsurface Soil UTL (Clay)

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and HQ=0.1 and therefore the SLs are adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Adjusted Industrial Soil RSLs	Adjusted Residential Soil RSLs	78SB11			78SB12		78SB13	78SB14	78SB15		78SB16	
Sample ID				78SB11-03	78SB11-03D	78SB11-05	78SB12-02	78SB12-03	78SB13-01	78SB14-02	78SB15-01	78SB15-03	78SB16-01	78SB16-03
Sample Date				05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/30/08	05/30/08	05/30/08	05/30/08
Chemical Name														
Volatile Organic Compounds (µg/kg)														
1,4-Dichlorobenzene	--	11,000	2,600	8.9 U	7.3 U	7 UJ	6.5 U	6.6 U	6.7 U	6.9 UJ	7.1 U	6.5 U	6.9 U	6.7 U
Acetone	--	67,000,000	6,100,000	33 J	11 J	5.6 J	48 J	9.8 J	15 J	31 J	14 J	11 J	24 J	8.3 J
Iodomethane	--	--	--	3.3 J	1.4 U	1 U	5.7	1.2 U	0.86 U	1.5 J	1.2 U	1.2 U	1.3 U	0.88 U
Semivolatile Organic Compounds (µg/kg)														
Anthracene	--	23,000,000	1,700,000	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ	2 U	1.8 U	1.9 U	1.8 U
Benzo(a)anthracene	--	2,900	150	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ	2 U	1.8 U	1.9 U	1.8 U
Benzo(a)pyrene	--	290	15	0.95 U	0.78 U	0.74 UJ	0.69 U	0.7 U	0.71 U	0.73 UJ	0.76 U	0.69 U	0.73 U	0.71 U
Benzo(b)fluoranthene	--	2,900	150	1.1 U	0.9 U	0.86 UJ	0.8 U	0.81 U	0.82 U	0.84 UJ	0.88 U	0.79 U	0.84 U	0.82 U
Benzo(g,h,i)perylene	--	--	--	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 UJ	1.9 UJ	2 U	1.8 U	1.9 U	1.8 U
Benzo(k)fluoranthene	--	29,000	1,500	1.4 U	1.2 U	1.1 UJ	1 U	1.1 U	1.1 U	1.1 UJ	1.2 U	1 U	1.1 U	1.1 U
Benzyl alcohol	--	8,200,000	620,000	12 UJ	9.5 UJ	9 UJ	8.4 U	8.5 U	8.6 UJ	8.8 UJ	9.2 UJ	8.4 U	8.9 U	8.6 U
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	14 U	13 U	7.5 UJ	22 U	17 U	17 U	6.8 UJ	12 U	9 U	14 U	12 U
Chrysene	--	290,000	15,000	0.88 U	0.72 U	0.69 UJ	0.64 U	0.65 U	0.66 U	0.67 UJ	0.7 U	0.64 U	0.68 U	0.66 U
Dibenz(a,h)anthracene	--	290	15	0.85 UJ	0.7 UJ	0.66 UJ	0.62 U	0.63 U	0.63 U	0.65 UJ	0.68 U	0.62 U	0.65 U	0.63 U
Fluoranthene	--	3,000,000	230,000	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ	2 U	1.8 U	1.9 U	1.8 U
Fluorene	--	3,000,000	230,000	1.1 U	0.91 U	0.87 UJ	0.81 U	0.82 U	0.83 U	0.85 UJ	0.89 U	0.8 U	0.85 U	0.83 U
Indeno(1,2,3-cd)pyrene	--	2,900	150	1.7 UJ	1.4 UJ	1.4 UJ	1.3 UJ	1.3 U	1.3 UJ	1.3 UJ	1.4 UJ	1.3 UJ	1.3 U	1.3 U
Naphthalene	--	17,000	3,800	0.86 U	0.71 U	0.85 J	0.63 U	0.64 U	0.67 J	0.66 UJ	0.69 U	0.63 U	0.67 U	0.65 U
Phenanthrene	--	--	--	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ	2 U	1.8 U	1.9 U	1.8 U
Pyrene	--	2,300,000	170,000	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ	2 U	1.8 U	1.9 U	1.8 U
Polychlorinated Biphenyls (µg/kg)														
No Detections														
Total Metals (mg/kg)														
Antimony	--	47	3.1	0.096 UJ	0.089 J	0.082 UJ	0.1 UJ	0.073 UJ	0.072 UJ	0.25 UJ	0.082 UJ	0.073 UJ	0.11 UJ	0.075 UJ
Arsenic	3.15	3	0.67	1.1	1.2	2.7	2	0.55	1	1.8	0.52 U	0.54	1.4	0.73
Barium	347	22,000	1,500	25 J	59 J	25	60	21	71	310	20	43	69	24
Beryllium	0.672	230	16	0.21	0.23	0.23	0.14	0.071 J	0.28	0.3	0.047 J	0.051 J	0.25	0.078 J
Cadmium	0.603	98	7	0.11 J	0.24	0.14	0.031 J	0.03 U	0.064 J	0.074 J	0.15	0.16	0.33	0.032 U
Chromium	167	6.3	0.3	**15**	**15**	**17**	**31 J**	**21 J**	**32 J**	**9 J**	**21 J**	**26 J**	**19 J**	**16 J**
Cobalt	49.8	35	2.3	19 J	29 J	32	20	22	22	23	18	20	25	20
Copper	280	4,700	310	34 J	55 J	130	210	98	74	190	72	110	110	76
Lead	6.97	800	400	1.1	1.2	0.65	1	0.42	1.3	1.4	0.29 U	0.29 U	4.7	0.5
Mercury	0.119	35	2.3	0.0053 U	0.0044 U	0.0045 U	0.0041 U	0.004 U	0.012 J	0.004 U	0.0042 U	0.0042 U	0.0039 U	0.0039 U
Nickel	34.1	2,200	150	5.6	9.3	19	15	21	22	8	19	19	19	17
Selenium	2.57	580	39	0.15 U	0.14 U	0.13 U	0.3 J	0.12 U	0.35 J	0.14 J	0.13 U	0.12 U	0.12 U	0.12 U
Silver	--	580	39	0.022 J	0.037 J	0.041 J	0.025 J	0.016 U	0.033 J	0.052 J	0.049 J	0.033 J	0.059 J	0.071 J
Thallium	0.27	1.2	0.078	0.15 U	0.14 U	0.13 U	0.12 U	0.12 U	0.11 U	0.13 U	0.13 U	0.12 U	0.12 U	0.12 U
Vanadium	482	580	39	120	150	330	120	140	170	210	110	160	150	180
Zinc	111	35,000	2,300	54	57	70	40 J	43 J	43 J	52 J	34 J	34 J	37 J	27 J

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	**NAPR Background Subsurface Soil UTL (Clay)**	**Adjusted Industrial Soil RSLs**	**Adjusted Residential Soil RSLs**	78SB11			78SB12		78SB13	78SB14	78SB15		78SB16	
Sample ID				78SB11-03	78SB11-03D	78SB11-05	78SB12-02	78SB12-03	78SB13-01	78SB14-02	78SB15-01	78SB15-03	78SB16-01	78SB16-03
Sample Date				05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/30/08	05/30/08	05/30/08	05/30/08
Chemical Name														
Total Petroleum Hydrocarbons (ug/kg)														
TPH-diesel range	--	--	--	2,900	2,100	2,000	5,200	1,100	1,200	1,400	1,700	1,000	7,700	3,800
TPH-gas range	--	--	--	95 U	74 U	68 U	170 J	74 U	120 J	71 J	99 J	84 U	69 U	74 U

Notes:

Shading indicates exceedance of NAPR Background Subsurface Soil UTL (Clay)

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and HQ=0.1 and therefore the SLs are adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Adjusted Industrial Soil RSLs	Adjusted Residential Soil RSLs	78SB17		78SB18	78SB21	78SB22		78SB23			78SB24	
Sample ID				78SB17-01	78SB17-01D	78SB18-01	78SB21-01	78SB22-01	78SB22-03	78SB23-01	78SB23-01D	78SB23-03	78SB24-01	78SB24-04
Sample Date				04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11
Chemical Name														
Volatile Organic Compounds (µg/kg)														
1,4-Dichlorobenzene	--	11,000	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	67,000,000	6,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)														
Anthracene	--	23,000,000	1,700,000	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	2.04 J	1.31 J
Benzo(a)anthracene	--	2,900	150	4.33 U	4.34 U	4.51 U	NA	NA	NA	24.2 J	2.19 J	4.53 U	87.9 J	33.6
Benzo(a)pyrene	--	290	15	4.33 U	4.34 U	4.51 U	NA	NA	NA	19.7 J	3.15 J	4.53 U	114 J	34.2
Benzo(b)fluoranthene	--	2,900	150	4.33 U	4.34 U	4.51 U	NA	NA	NA	36.3 J	5.02 J	4.53 U	165 J	36.5
Benzo(g,h,i)perylene	--	--	--	3.24 J	1.96 J	7.07 J	NA	NA	NA	15.7 J	6.36 J	4.53 U	71.1 J	16.8
Benzo(k)fluoranthene	--	29,000	1,500	4.33 U	4.34 U	4.51 U	NA	NA	NA	34.3 J	3.61 J	4.53 U	93.2 J	22.4
Benzyl alcohol	--	8,200,000	620,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	290,000	15,000	4.33 U	4.34 U	4.51 U	NA	NA	NA	40.6 J	3.28 J	4.53 U	169 J	62.7
Dibenz(a,h)anthracene	--	290	15	4.33 U	4.34 U	4.51 U	NA	NA	NA	3.33 J	4.36 U	4.53 U	24.2 J	5.64 J
Fluoranthene	--	3,000,000	230,000	1.34 J	4.34 U	1.99 J	NA	NA	NA	12.6 J	3.55 J	4.53 U	57.6 J	31.2
Fluorene	--	3,000,000	230,000	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	0.715 J	2.27 U
Indeno(1,2,3-cd)pyrene	--	2,900	150	6.65 J	4.34 U	7.46 J	NA	NA	NA	21.5	10.1	4.53 U	81.7 J	20.1
Naphthalene	--	17,000	3,800	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	2.26 UJ	2.27 U
Phenanthrene	--	--	--	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.26 J	1.78 J	2.26 U	9.87 J	13
Pyrene	--	2,300,000	170,000	3.07 J	4.34 U	3.36 J	NA	NA	NA	22 J	4.79 J	4.53 U	173 J	90.4
Polychlorinated Biphenyls (µg/kg)														
No Detections														
Total Metals (mg/kg)														
Antimony	--	47	3.1	0.495 R	0.485 R	0.467 R	0.476 R	0.495 R	0.495 R	0.472 R	0.472 R	0.495 R	NA	0.495 R
Arsenic	3.15	3	0.67	0.398 J	0.416 J	0.5 J	0.436 J	0.473 J	0.381 J	0.654 J	0.824 J	0.687 J	0.539 J	**5.41 J**
Barium	347	22,000	1,500	42.1	37.2	38.9	132 J	45.4 J	41.7 J	139	166	33.9	129	59.5
Beryllium	0.672	230	16	0.215 J	0.19 J	0.184 J	0.21 J	0.119 J	0.185 J	0.235 J	0.274 J	0.191 J	0.196 J	0.245 J
Cadmium	0.603	98	7	0.498	0.37 J	0.292 J	0.283 J	0.0946 J	0.184 J	0.303 J	0.271 J	0.202 J	0.248 J	0.186 J
Chromium	167	6.3	0.3	**8.69 J**	**7.6**	**11.4**	**14.9 J**	**11.2 J**	**12.7 J**	**9.63**	**9.82**	**8.32**	**10.6**	**37.5**
Cobalt	49.8	35	2.3	15.2 J	15.2	14.1	27.3 J	24 J	31.3 J	19.1	15.8	25.9	14.4	**43.9**
Copper	280	4,700	310	18.1 J	18.9	38.2	54.8 J	63.1 J	84.6 J	48.8	59.5	83.8	58.9	360
Lead	6.97	800	400	4.39 J	2.66 J	5.9 J	3.43 J	0.646 J	0.943 J	5.31 J	4.11 J	0.871 J	2.44 J	2.23 J
Mercury	0.119	35	2.3	0.0102 U	0.0103 U	0.0111 U	0.011 U	0.0113 U	0.0113 U	0.0103 U	0.0106 U	0.0102 U	0.0103 U	0.0107 U
Nickel	34.1	2,200	150	7.57 J	7.57 J	9.28 J	11.2 J	12.8 J	19.4 J	7.24 J	6.93 J	14.6 J	6.6 J	28.9 J
Selenium	2.57	580	39	1.24 UJ	0.163 J	1.17 UJ	0.126 UJ	0.151 UJ	0.182 UJ	0.136 J	0.314 J	1.24 UJ	0.154 J	0.203 J
Silver	--	580	39	0.0542 J	0.0658 J	0.0417 J	0.238 UJ	0.248 U	0.0705 J	0.053 J	0.0661 J	0.053 J	0.248 UJ	0.248 UJ
Thallium	0.27	1.2	0.078	0.116 J	0.0345 J	0.0253 J	0.0406 J	0.0193 J	0.0208 J	0.0634 J	0.0571 J	0.0731 J	0.0408 J	0.051 J
Vanadium	482	580	39	102 J	96 J	113 J	142 J	117 J	186 J	98.7 J	100 J	194 J	92.3 J	276 J
Zinc	111	35,000	2,300	45.7 J	39.8 J	43.2 J	52.1 J	35.6 J	56.9 J	75.1 J	67.2 J	65.6 J	43.2 J	124 J

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	**NAPR Background Subsurface Soil UTL (Clay)**	**Adjusted Industrial Soil RSLs**	**Adjusted Residential Soil RSLs**	78SB17		78SB18	78SB21	78SB22		78SB23			78SB24	
Sample ID				78SB17-01	78SB17-01D	78SB18-01	78SB21-01	78SB22-01	78SB22-03	78SB23-01	78SB23-01D	78SB23-03	78SB24-01	78SB24-04
Sample Date				04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11
Chemical Name														
Total Petroleum Hydrocarbons (ug/kg)														
TPH-diesel range	--	--	--	2,000 U	2,000 U	2,100 U	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Shading indicates exceedance of NAPR Background Subsurface Soil UTL (Clay)

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and HQ=0.1 and therefore the SLs are adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Adjusted Industrial Soil RSLs	Adjusted Residential Soil RSLs	78SB25		78SB26		78SB27	78SB28	78SB29		78SB30		
Sample ID				78SB25-01	78SB25-04	78SB26-01	78SB26-03	78SB27-01	78SB28-01	78SB29-01	78SB29-02	78SB30-01	78SB30-01D	78SB30-03
Sample Date				04/26/11	04/26/11	04/26/11	04/26/11	04/27/11	04/26/11	04/26/11	04/26/11	04/27/11	04/27/11	04/27/11
Chemical Name														
Volatile Organic Compounds (µg/kg)														
1,4-Dichlorobenzene	--	11,000	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	67,000,000	6,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)														
Anthracene	--	23,000,000	1,700,000	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	--	2,900	150	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	--	290	15	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	--	2,900	150	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	--	--	--	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	--	29,000	1,500	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	--	8,200,000	620,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	290,000	15,000	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	--	290	15	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	--	3,000,000	230,000	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Fluorene	--	3,000,000	230,000	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	--	2,900	150	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	17,000	3,800	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	--	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Pyrene	--	2,300,000	170,000	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (µg/kg)														
No Detections														
Total Metals (mg/kg)														
Antimony	--	47	3.1	0.495 R	0.476 R	0.476 R	0.485 R	0.5 R	0.49 R	0.5 R	0.485 R	0.476 R	0.5 R	0.49 R
Arsenic	3.15	3	0.67	0.547 J	0.935 J	0.52 J	0.673 J	2.18 J	0.725 J	0.581 J	0.679 J	0.207 J	0.25 UJ	0.185 J
Barium	347	22,000	1,500	41	19.2	79.1	82.8	21.4 J	35.7 J	52.4 J	95.8 J	90.5 J	113 J	141 J
Beryllium	0.672	230	16	0.293 J	0.242 J	0.303 J	0.201 J	0.179 J	0.241 J	0.166 J	0.15 J	0.148 J	0.163 J	0.172 J
Cadmium	0.603	98	7	0.342 J	0.237 J	0.341 J	0.222 J	0.238 J	0.0995 J	0.514	0.296 J	0.0619 J	0.067 J	0.0674 J
Chromium	167	6.3	0.3	**14.7**	**8.34**	**21.1**	**11.5**	**12.4 J**	**20.8 J**	**19.7 J**	**15.6 J**	**10.5 J**	**11.2 J**	**11.2 J**
Cobalt	49.8	35	2.3	15.5	18.6	22.9	23.6	**59.7 J**	12.5 J	16.7 J	22.7 J	21.5 J	22.9 J	22.3 J
Copper	280	4,700	310	16.1	114	51	77	624 J	30.1 J	51.3 J	84.5 J	51.9 J	58 J	13 J
Lead	6.97	800	400	0.836 J	1.18 J	1.24 J	0.779 J	1.74 J	15.8 J	12.7 J	4.78 J	1 J	1.01 J	0.913 J
Mercury	0.119	35	2.3	0.0106 U	0.00999 U	0.0116 U	0.0105 U	0.00986 U	0.00843 J	0.0251 J	0.00918 J	0.0104 U	0.0106 U	0.0114 U
Nickel	34.1	2,200	150	6.79 J	11.4 J	10.9 J	17.2 J	40.4 J	10.4 J	10.5 J	12.5 J	13.7 J	14.4 J	13 J
Selenium	2.57	580	39	0.157 J	0.312 J	0.147 J	1.21 UJ	0.473 UJ	0.305 UJ	0.175 UJ	0.402 UJ	1.19 UJ	1.25 UJ	0.192 UJ
Silver	--	580	39	0.0483 J	0.0658 J	0.0451 J	0.0605 J	0.0424 J	0.245 UJ	0.25 UJ	0.243 UJ	0.0527 J	0.0571 J	0.0863 J
Thallium	0.27	1.2	0.078	0.0343 J	0.0213 J	0.0538 J	0.0361 J	0.25 U	0.0645 U	0.0996 U	0.0983 U	0.187 U	0.225 J	0.311 J
Vanadium	482	580	39	106 J	131 J	117 J	184 J	193 J	98.7 J	116 J	139 J	151 J	156 J	126 J
Zinc	111	35,000	2,300	57 J	37.6 J	42.3 J	55.6 J	79.7 J	31.7 J	93.9 J	51.4 J	47.4 J	47.8 J	53.3 J

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	**NAPR Background Subsurface Soil UTL (Clay)**	**Adjusted Industrial Soil RSLs**	**Adjusted Residential Soil RSLs**	78SB25		78SB26		78SB27	78SB28	78SB29		78SB30		
Sample ID				78SB25-01	78SB25-04	78SB26-01	78SB26-03	78SB27-01	78SB28-01	78SB29-01	78SB29-02	78SB30-01	78SB30-01D	78SB30-03
Sample Date				04/26/11	04/26/11	04/26/11	04/26/11	04/27/11	04/26/11	04/26/11	04/26/11	04/27/11	04/27/11	04/27/11
Chemical Name														
Total Petroleum Hydrocarbons (ug/kg)														
TPH-diesel range	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Shading indicates exceedance of NAPR Background Subsurface Soil UTL (Clay)

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and HQ=0.1 and therefore the SLs are adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Adjusted Industrial Soil RSLs	Adjusted Residential Soil RSLs	78SB31	78SB32	78SB37	78SB38			78SB39		78SB40		78SB41	
Sample ID				78SB31-01	78SB32-01	78SB37-01	78SB38-01	78SB38-01D	78SB38-02	78SB39-01	78SB39-03	78SB40-01	78SB40-02	78SB41-01	78SB41-02
Sample Date				04/27/11	04/27/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11
Chemical Name															
Volatile Organic Compounds (µg/kg)															
1,4-Dichlorobenzene	--	11,000	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	67,000,000	6,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)															
Anthracene	--	23,000,000	1,700,000	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U
Benzo(a)anthracene	--	2,900	150	NA	NA	NA	4.53 U	4.59 U	4.41 U	4.77 U	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U
Benzo(a)pyrene	--	290	15	NA	NA	NA	4.53 U	4.59 U	4.41 U	4.77 UJ	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U
Benzo(b)fluoranthene	--	2,900	150	NA	NA	NA	4.53 U	4.59 U	4.41 U	4.08 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U
Benzo(g,h,i)perylene	--	--	--	NA	NA	NA	4.53 U	4.59 U	4.41 U	1.99 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U
Benzo(k)fluoranthene	--	29,000	1,500	NA	NA	NA	4.53 U	4.59 U	4.41 U	2.47 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U
Benzyl alcohol	--	8,200,000	620,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	290,000	15,000	NA	NA	NA	4.53 U	4.59 U	4.41 U	2.34 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U
Dibenz(a,h)anthracene	--	290	15	NA	NA	NA	4.53 U	4.59 U	4.41 U	4.77 UJ	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U
Fluoranthene	--	3,000,000	230,000	NA	NA	NA	4.53 U	4.59 U	1.4 J	1.71 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U
Fluorene	--	3,000,000	230,000	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U
Indeno(1,2,3-cd)pyrene	--	2,900	150	NA	NA	NA	4.53 U	4.59 U	4.41 U	8.05 J	4.27 U	6.9 J	4.6 U	4.5 U	4.61 U
Naphthalene	--	17,000	3,800	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U
Phenanthrene	--	--	--	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U
Pyrene	--	2,300,000	170,000	NA	NA	NA	4.53 U	4.59 U	6.56 J	2.71 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U
Polychlorinated Biphenyls (µg/kg)															
No Detections															
Total Metals (mg/kg)															
Antimony	--	47	3.1	0.5 R	0.476 R	0.467 R	0.467 R	0.472 R	0.5 R	0.485 R	0.476 R	0.476 R	0.5 R	0.485 R	0.495 R
Arsenic	3.15	3	0.67	**4.29 J**	0.339 J	**4.06 J**	0.234 UJ	0.16 J	0.237 J	1.53 J	0.297 J	1.06 J	0.52 J	0.625 J	0.336 J
Barium	347	22,000	1,500	65.4 J	36.2 J	62.6 J	34.6	43.6	65.4	91	38.8	101	55.7	64.2	395 J
Beryllium	0.672	230	16	0.274 J	0.126 J	0.214 J	0.176 J	0.211 J	0.106 J	0.306 J	0.202 J	0.262 J	0.146 J	0.0912 J	0.143 J
Cadmium	0.603	98	7	0.224 J	0.0941 J	0.204 J	0.143 J	0.0734 J	0.0884 J	0.561	0.192 J	0.246 J	0.188 J	0.201 J	0.356 J
Chromium	167	6.3	0.3	**12.4 J**	**25 J**	**24 J**	**12.8**	**12.6**	**14.9**	**14.5**	**17.7**	**28.2**	**28.6**	**15.9**	**21.6 J**
Cobalt	49.8	35	2.3	30.8 J	12 J	25.6 J	23.3	26.9	31	29.8	24.3	28.6	27.7	16.1	27.3 J
Copper	280	4,700	310	40.4 J	105 J	95.2 J	85.2	91	94.9	228	199	84.2	165	87.7	114 J
Lead	6.97	800	400	0.818 J	1.08 J	6.22 J	0.428 J	0.532 J	0.503 J	2.24 J	1.25 J	1.89 J	0.69 J	0.774 J	0.594 J
Mercury	0.119	35	2.3	0.0109 U	0.0112 U	0.0457	0.0112 U	0.0293 J	0.0104 U	0.0118 U	0.0105 U	0.0441	0.01 U	0.0102 J	0.00968 U
Nickel	34.1	2,200	150	16.5 J	8.68 J	16 J	20.4 J	20.6 J	23.8 J	15.5 J	14.7 J	15.5 J	25.9 J	11.6 J	19.3 J
Selenium	2.57	580	39	0.145 UJ	0.222 UJ	0.728 UJ	0.128 J	0.237 J	0.15 J	0.459 J	1.19 UJ	0.864 J	0.222 J	0.17 J	1.24 UJ
Silver	--	580	39	0.208 J	0.238 UJ	0.234 UJ	0.234 UJ	0.236 UJ	0.25 UJ	0.0427 J	0.238 UJ	0.0416 J	0.25 UJ	0.243 UJ	0.248 U
Thallium	0.27	1.2	0.078	0.0242 J	0.0246 J	0.0631 J	0.0467 J	0.0809 J	0.0528 J	0.0233 J	0.02 J	0.0486 J	0.0284 J	0.0197 J	0.0296 J
Vanadium	482	580	39	391 J	92.8 J	153 J	134 J	139 J	157 J	**780 J**	182 J	172 J	193 J	87.3 J	131 J
Zinc	111	35,000	2,300	94.3 J	39.7 J	36.7 J	40.1 J	40.3 J	45.3 J	105 J	73.7 J	37.2 J	66.9 J	33.3 J	41 J

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	**NAPR Background Subsurface Soil UTL (Clay)**	**Adjusted Industrial Soil RSLs**	**Adjusted Residential Soil RSLs**	78SB31	78SB32	78SB37	78SB38			78SB39		78SB40		78SB41	
Sample ID				78SB31-01	78SB32-01	78SB37-01	78SB38-01	78SB38-01D	78SB38-02	78SB39-01	78SB39-03	78SB40-01	78SB40-02	78SB41-01	78SB41-02
Sample Date				04/27/11	04/27/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11
Chemical Name															
Total Petroleum Hydrocarbons (ug/kg)															
TPH-diesel range	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Shading indicates exceedance of NAPR Background Subsurface Soil UTL (Clay)

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and HQ=0.1 and therefore the SLs are adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Adjusted Industrial Soil RSLs	Adjusted Residential Soil RSLs	78SB42	78SB47		78SB57	78SB58		78SB59
Sample ID				78SB42-01	78SB47-01	78SB47-05	78SB57-01	78SB58-01	78SB58-01D	78SB59-01
Sample Date				04/28/11	04/27/11	04/27/11	09/27/11	09/27/11	09/27/11	09/27/11
Chemical Name										
Volatile Organic Compounds (µg/kg)										
1,4-Dichlorobenzene	--	11,000	2,600	NA	NA	NA	NA	NA	NA	NA
Acetone	--	67,000,000	6,100,000	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	--	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)										
Anthracene	--	23,000,000	1,700,000	NA	NA	NA	2.6 U	2.6 U	2.9 U	5 J
Benzo(a)anthracene	--	2,900	150	NA	NA	NA	5.1 U	5.3 U	5.8 U	30
Benzo(a)pyrene	--	290	15	NA	NA	NA	5.1 U	5.3 U	5.8 U	27
Benzo(b)fluoranthene	--	2,900	150	NA	NA	NA	5.1 U	5.3 U	5.8 U	36
Benzo(g,h,i)perylene	--	--	--	NA	NA	NA	5.1 U	5.3 U	5.8 U	23
Benzo(k)fluoranthene	--	29,000	1,500	NA	NA	NA	5.1 U	5.3 U	5.8 U	13
Benzyl alcohol	--	8,200,000	620,000	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	160,000	38,000	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	290,000	15,000	NA	NA	NA	5.1 U	5.3 U	5.8 U	30
Dibenz(a,h)anthracene	--	290	15	NA	NA	NA	5.1 U	5.3 U	5.8 U	5 J
Fluoranthene	--	3,000,000	230,000	NA	NA	NA	5.1 U	5.3 U	5.8 U	47
Fluorene	--	3,000,000	230,000	NA	NA	NA	2.6 U	2.6 U	2.9 U	0.91 J
Indeno(1,2,3-cd)pyrene	--	2,900	150	NA	NA	NA	5.1 U	5.3 U	5.8 U	22
Naphthalene	--	17,000	3,800	NA	NA	NA	2.6 U	2.6 U	2.9 U	2.3 U
Phenanthrene	--	--	--	NA	NA	NA	2.6 U	2.6 U	2.9 U	16
Pyrene	--	2,300,000	170,000	NA	NA	NA	5.1 U	5.3 U	5.8 U	40
Polychlorinated Biphenyls (µg/kg)										
No Detections										
Total Metals (mg/kg)										
Antimony	--	47	3.1	0.459 R	0.49 R	0.49 R	0.626 R	0.63 R	0.695 R	0.566 R
Arsenic	3.15	3	0.67	1.95 J	0.245 UJ	0.245 UJ	0.468 J	2.92 J	**3.23 J**	0.946 J
Barium	347	22,000	1,500	171 J	43.8 J	40.6 J	313 J	169 J	161 J	126 J
Beryllium	0.672	230	16	0.246 J	0.107 J	0.0941 J	0.384 J	0.428 J	0.504 J	0.218 J
Cadmium	0.603	98	7	0.191 J	0.0418 J	0.167 J	0.262 J	0.218 J	0.199 J	0.36 J
Chromium	167	6.3	0.3	**19 J**	**11.9 J**	**12.4 J**	**14.8 J**	**19.2 J**	**22.5 J**	**18 J**
Cobalt	49.8	35	2.3	19.2 J	24.9 J	25.5 J	25.8	19.7 J	**38.8 J**	14.7
Copper	280	4,700	310	67.5 J	92.8 J	87.7 J	68.8	71.1 J	91	39.9
Lead	6.97	800	400	1.7 J	0.463 UJ	0.776 J	0.5 J	1.65	2.27	4.41
Mercury	0.119	35	2.3	0.0294 J	0.0105 U	0.0112 U	0.0447	0.0186 U	0.0153 J	0.03 J
Nickel	34.1	2,200	150	13.6 J	12.6 J	12.7 J	22.7 J	11.1 J	19 J	8.09 J
Selenium	2.57	580	39	0.527 UJ	1.23 UJ	0.265 UJ	0.441 J	0.534 J	0.691 J	0.417 J
Silver	--	580	39	0.229 U	0.245 UJ	0.245 UJ	0.313 UJ	0.315 UJ	0.348 UJ	0.283 UJ
Thallium	0.27	1.2	0.078	0.0379 J	0.0231 J	0.245 U	0.0601 J	0.0543 J	0.348 U	0.042 J
Vanadium	482	580	39	112 J	156 J	156 J	117 J	133 J	175 J	89.2 J
Zinc	111	35,000	2,300	28.6 J	42.4 J	45.7 J	59.2 J	35.4 J	47.9 J	51.4 J

TABLE 4-2

NAPR SWMU 78 Phase I RFI and Full RFI

Subsurface Soil Detections and Exceedances of Screening Criteria

Validated Analytical Data

Station ID	**NAPR Background Subsurface Soil UTL (Clay)**	**Adjusted Industrial Soil RSLs**	**Adjusted Residential Soil RSLs**	78SB42	78SB47		78SB57	78SB58		78SB59
Sample ID				78SB42-01	78SB47-01	78SB47-05	78SB57-01	78SB58-01	78SB58-01D	78SB59-01
Sample Date				04/28/11	04/27/11	04/27/11	09/27/11	09/27/11	09/27/11	09/27/11
Chemical Name										
Total Petroleum Hydrocarbons (ug/kg)										
TPH-diesel range	--	--	--	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	--	--	NA	NA	NA	NA	NA	NA	NA

Notes:

Shading indicates exceedance of NAPR Background Subsurface Soil UTL (Clay)

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs are based on a Target Risk = 1E-06 and HQ=0.1 and therefore the SLs are adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

NA - Not analyzed

R - Rejected Result

U - Nondetect

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	**NAPR Surface Soil UTL Background**	**Risk- or MCL-Based SSL (DAF=1)**	78SB01		78SB02	78SB03	78SB04	78SB05	78SB06	78SB07	78SB08		78SB09	78SB10	78SB11	78SB12
Sample ID			78SB01-00	78SB01-00D	78SB02-00	78SB03-00	78SB04-00	78SB05-00	78SB06-00	78SB07-00	78SB08-00	78SB08-00D	78SB09-00	78SB10-00	78SB11-00	78SB12-00
Sample Date			05/31/08	05/31/08	05/30/08	05/31/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/29/08	05/29/08	05/29/08	05/29/08
Chemical Name																
Volatile Organic Compounds (µg/kg)																
1,4-Dichlorobenzene	--	72	140 UJ	6.6 UJ	6.8 U	150 U	6.7 U	7.3 U	8.1 U	6.9 U	**9.1 J**	8.2 U	6.9 U	6.8 U	6.8 UJ	7.7 U
2-Hexanone	--	8.8	2.2 U	1.9 U	2.6 U	2.7 U	2.3 U	2.3 U	2.6 U	2.3 U	3.4 U	3.1 U	2.3 U	2 U	2.3 U	2.3 U
Acetone	--	2900	**250 J**	**210 J**	96 UJ	100 UJ	71 UJ	**200**	**37 J**	**130 J**	**100**	**79**	**11 J**	**37 J**	**86 J**	4.8 U
Benzene	--	2.6	0.83 U	0.73 U	0.99 U	1 U	0.88 U	0.87 U	0.98 U	0.87 U	1.3 U	1.2 U	0.87 U	0.75 U	**1.4 J**	0.86 U
Carbon disulfide	--	240	0.59 U	0.47 U	0.64 U	**8**	2.7 U	0.56 U	0.63 U	0.56 U	0.83 U	0.74 U	0.56 U	0.49 U	**7.4**	0.55 U
Chloromethane	--	49	0.74 U	0.65 U	0.89 U	**2 J**	0.79 U	0.78 U	0.88 U	0.78 U	1.1 U	1 U	0.79 U	0.68 U	0.77 U	0.77 U
Iodomethane	--	--	**1.8 J**	**1.8 J**	1.3 UJ	**1.6 J**	1.1 UJ	**1.4 J**	1.2 U	**4.6 J**	1.6 U	1.5 U	1.1 U	0.95 U	1.1 U	**3.7 J**
Semivolatile Organic Compounds (µg/kg)																
2-Methylnaphthalene	--	190	38 UJ	1.8 UJ	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	1.9 UJ	**19**
Acenaphthene	--	5500	13 UJ	0.61 UJ	0.62 U	14 U	0.61 U	0.67 U	0.75 U	0.63 U	0.81 U	0.75 U	0.63 U	0.63 U	0.63 UJ	**18**
Acenaphthylene	--	5500	38 UJ	1.8 UJ	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	1.9 UJ	**26**
Anthracene	--	58000	38 UJ	1.8 UJ	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	**2.6 J**	**43**
Benzo(a)anthracene	--	4.3	38 UJ	**6 J**	1.9 U	41 U	1.8 U	**4.5 J**	2.2 U	1.9 U	2.4 U	**2.9 J**	1.9 U	1.9 U	**33 J**	**68**
Benzo(a)pyrene	--	240	**35 J**	**7 J**	0.72 U	**110 J**	0.71 U	**3.7 J**	**1.6 J**	0.73 U	**1.2 J**	**2.1 J**	0.73 U	0.73 U	**46 J**	**76**
Benzo(b)fluoranthene	--	41	17 UJ	**13 J**	0.83 U	**74 J**	0.82 U	**7.3 J**	**3.6 J**	0.84 U	**1.1 J**	**2.1 J**	0.84 U	0.84 U	**85 J**	**110**
Benzo(g,h,i)perylene	--	--	**110 J**	**6 J**	**11 J**	**290 J**	**12 J**	**3.7 J**	2.2 U	1.9 UJ	**3.8 J**	2.2 U	1.9 UJ	1.9 U	**39 J**	**34**
Benzo(k)fluoranthene	--	400	22 UJ	1.1 UJ	1.1 U	24 U	1.1 U	1.2 UJ	1.3 UJ	1.1 U	**1.4 J**	**1.4 J**	1.1 U	1.1 U	1.1 UJ	1.2 U
bis(2-Ethylhexyl)phthalate	--	1400	340 UJ	14 UJ	18 U	470 U	17 U	**16 J**	**18 J**	5.3 U	**37 J**	**42 J**	13 U	16 U	35 UJ	12 U
Chrysene	--	1200	14 UJ	**5.6 J**	**2.2 J**	**59 J**	**2 J**	**5 J**	**1.4 J**	0.68 U	**1.3 J**	**2 J**	0.68 U	0.67 U	**48 J**	**66**
Dibenz(a,h)anthracene	--	13	13 UJ	**2.4 J**	0.64 U	**26 J**	0.63 U	0.7 U	0.77 U	0.66 U	0.83 U	0.78 U	0.65 U	0.65 U	**7.1 J**	**5.7 J**
Dibenzofuran	--	150	94 UJ	4.5 UJ	4.6 U	100 U	4.5 U	5 U	5.5 U	4.7 U	5.9 U	5.6 U	4.6 U	4.6 U	4.6 UJ	**33 J**
Fluoranthene	--	89000	38 UJ	**9.3 J**	1.9 U	**51 J**	1.8 U	**6.2 J**	2.2 U	1.9 U	2.4 U	**2.3 J**	1.9 U	1.9 U	**57 J**	**180**
Fluorene	--	5400	17 UJ	0.82 UJ	0.84 U	19 U	0.83 U	0.91 U	1 U	0.86 U	1.1 U	1 U	0.85 U	0.85 U	0.85 UJ	**53**
Indeno(1,2,3-cd)pyrene	--	130	27 UJ	**3.6 J**	1.3 U	29 U	1.3 U	**1.6 J**	1.6 U	1.3 U	1.7 U	1.6 U	1.3 UJ	1.3 U	**13 J**	**15 J**
Naphthalene	--	0.54	13 UJ	**0.67 J**	0.65 UJ	15 UJ	**0.73 J**	**0.92 J**	0.79 U	0.67 UJ	0.85 U	0.79 U	0.66 U	0.66 U	0.66 UJ	**99**
Phenanthrene	--	--	38 UJ	**2.2 J**	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	**13 J**	**220**
Phenol	--	3300	110 UJ	5.1 UJ	**6.5 J**	120 U	**5.3 J**	5.7 U	6.3 U	5.3 U	6.8 U	6.3 U	5.3 U	5.3 U	5.3 UJ	6 U
Pyrene	--	13000	38 UJ	**7.9 J**	1.9 U	**110 J**	**1.9 J**	**5.5 J**	**2.3 J**	1.9 U	**2.6 J**	**2.3 J**	1.9 U	1.9 U	**81 J**	**180**

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	NAPR Surface Soil UTL Background	Risk- or MCL-Based SSL (DAF=1)	78SB01		78SB02	78SB03	78SB04	78SB05	78SB06	78SB07	78SB08		78SB09	78SB10	78SB11	78SB12
Sample ID			78SB01-00	78SB01-00D	78SB02-00	78SB03-00	78SB04-00	78SB05-00	78SB06-00	78SB07-00	78SB08-00	78SB08-00D	78SB09-00	78SB10-00	78SB11-00	78SB12-00
Sample Date			05/31/08	05/31/08	05/30/08	05/31/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/29/08	05/29/08	05/29/08	05/29/08
Chemical Name																
Polychlorinated Biphenyls (µg/kg)																
Aroclor-1260	--	5.5	**33 J**	5.2 U	5.3 U	5.8 U	5.2 U	5.7 U	6.2 U	5.3 U	6.8 U	6.4 U	5.3 U	5.2 U	**48 J**	6.1 U
Total Metals (mg/kg)																
Antimony	2.7	0.27	**1.1 J**	0.12 UJ	0.3 UJ	**4 J**	**3.2 J**	0.22 UJ	0.089 UJ	0.13 UJ	0.28 UJ	**0.65 J**	0.1 UJ	0.077 UJ	**0.33 J**	0.091 UJ
Arsenic	2.75	0.29	**1.6**	**1**	**0.76**	**4.2**	**4.1**	**1.1**	**1**	**0.69**	**2.8**	**2.2**	**0.58**	**0.66**	**1.9**	**1.5**
Barium	322	82	**75 J**	**50 J**	**62**	**150**	**110**	**82**	**85**	**60**	**260 J**	**180 J**	**100**	**33**	**380**	**130**
Beryllium	0.676	3.2	**0.22**	**0.17**	**0.22**	**0.3**	**0.24**	**0.28**	**0.3**	**0.23**	**0.34**	**0.31**	**0.24**	**0.26**	**0.42**	**0.35**
Cadmium	0.765	0.38	**0.4**	**0.099 J**	**0.39**	**0.76**	**0.32**	**0.17**	**0.094 J**	**0.12**	**0.12 J**	**0.17**	**0.038 J**	**0.065 J**	**0.17**	**0.066 J**
Chromium	55	100000	**15**	**14**	**13**	**21**	**25**	**16 J**	**18 J**	**14**	**11 J**	**19 J**	**20 J**	**18**	**19**	**34 J**
Cobalt	52.3	0.27	**25 J**	**17 J**	**16**	**21**	**22**	**15**	**26**	**16**	**41**	**33**	**27**	**25**	**17**	**47**
Copper	192	46	**160 J**	**78 J**	**49**	**100**	**120**	**93**	**190**	**28**	**280**	**220**	**110**	**12**	**91**	**120**
Lead	34.2	14	21 R	2.8 R	3.4 R	180 R	80 R	**13**	**1.8**	2.6 R	4.2 R	27 R	**1.3**	**2.2**	**45**	**2.1**
Mercury	0.131	0.1	**0.021 J**	0.004 U	0.0038 U	**0.11**	**0.05**	0.0042 U	0.0051 U	0.0043 U	**0.0063 J**	**0.032**	0.0041 U	0.0041 U	**0.0082 J**	**0.032**
Nickel	28	26	**13**	**12**	**9.2**	**13**	**13**	**9.1**	**24**	**8.9**	**20**	**22**	**19**	**17**	**22**	**23**
Selenium	1.07	0.26	0.13 U	0.12 U	0.12 U	**0.19 J**	**0.14 J**	0.13 U	0.14 U	0.13 U	**0.18 J**	**0.21 J**	0.12 U	0.12 U	**0.25 J**	**1.4**
Silver	--	0.8	**0.073 J**	**0.074 J**	**0.04 J**	**0.099 J**	**0.08 J**	**0.062 J**	**0.039 J**	**0.027 J**	**0.13 J**	**0.12 J**	**0.093 J**	**0.038 J**	**0.06 J**	**0.03 J**
Thallium	--	0.14	0.13 U	0.12 U	0.12 U	0.14 U	0.12 U	0.13 U	0.14 U	0.13 U	0.17 U	0.14 U	**0.17 J**	0.12 U	0.13 U	0.14 U
Tin	4.25	3000	4.2 U	4 U	4 U	**8.8 J**	**4.5 J**	4.2 U	4.8 U	4.3 U	5.5 U	4.8 U	4.1 U	4.1 U	**14 J**	4.8 U
Vanadium	286	86	**140**	**140**	**130**	**130**	**140**	**130**	**410**	**130**	**250**	**240**	**200**	**190**	**110**	**270**
Zinc	132	370	**150 J**	**59 J**	**53 J**	**490 J**	**240 J**	**110 J**	**85 J**	**46 J**	**70 J**	**150 J**	**57 J**	**65**	**260**	**47 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL															
TPH-diesel range	--	100,000	**8,000,000 J**	**12,000 J**	**1,700 J**	**820,000**	**4,600**	**5,100**	**1,400**	**3,300 J**	**2,600**	**5,200**	**1,100**	**890**	**18,000**	**16,000**
TPH-gas range	--	100,000	**390 J**	**110 J**	**170 J**	**660 J**	**120 J**	**120 J**	**120 J**	**110 J**	**120 J**	**110 J**	65 U	**75 J**	**170 J**	**120 J**

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in this column were selected from either the risk- or MCL-based SSL values.
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	**NAPR Surface Soil UTL Background**	**Risk- or MCL-Based SSL (DAF=1)**	78SB13	78SB14	78SB15	78SB16	78SB17		78SB18	78SB19	78SB20	78SB21	78SB22	78SB23	78SB24
Sample ID			78SB13-00	78SB14-00	78SB15-00	78SB16-00	78SB17-00	78SB17-00D	78SB18-00	78SB19-00	78SB20-00	78SB21-00	78SB22-00	78SB23-00	78SB24-00
Sample Date			05/29/08	05/29/08	05/30/08	05/30/08	04/27/11	04/27/11	04/27/11	04/27/11	04/26/11	04/27/11	04/27/11	04/26/11	04/26/11
Chemical Name															
Volatile Organic Compounds (µg/kg)															
1,4-Dichlorobenzene	--	72	7.3 U	8.2 UJ	7.4 U	8.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	--	8.8	1.8 U	**4.1 J**	2.5 U	2.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	2900	**36 J**	**34 J**	**58 J**	**85 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	--	2.6	**0.76 J**	**1.1 J**	**1.1 J**	1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	--	240	0.45 U	**0.57 J**	**0.95 J**	0.66 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	--	49	0.62 U	0.73 U	0.85 U	0.92 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	0.87 U	1 U	1.2 U	1.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)															
2-Methylnaphthalene	--	190	2 U	2.3 UJ	2 U	2.2 U	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	4.95 U	2.28 UJ
Acenaphthene	--	5500	0.67 U	0.76 UJ	0.68 U	0.74 U	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	**0.803 J**	**1.85 J**
Acenaphthylene	--	5500	2 U	2.3 UJ	2 U	2.2 U	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	4.95 U	2.28 UJ
Anthracene	--	58000	2 U	2.3 UJ	2 U	2.2 U	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	**1.27 J**	**8.3 J**
Benzo(a)anthracene	--	4.3	**4.8 J**	2.3 UJ	2 U	2.2 R	**5.59 J**	**5.76 J**	**6.95 J**	**18.4**	NA	NA	NA	**19.5 J**	**167 J**
Benzo(a)pyrene	--	240	**4.8 J**	**0.99 J**	**1.3 J**	0.86 R	**9.56 J**	**10.2**	**10.5 J**	**20.4**	NA	NA	NA	**16.7 J**	**140 J**
Benzo(b)fluoranthene	--	41	**7.2 J**	1 UJ	**1.6 J**	**14 J**	**8.49 J**	**11.3**	**10.5 J**	**25.3**	NA	NA	NA	**27.6 J**	**185 J**
Benzo(g,h,i)perylene	--	--	**3.6 J**	2.3 UJ	2 U	**19 J**	**130 J**	**113 J**	**93.7**	**24.2**	NA	NA	NA	**23.8 J**	**71.8 J**
Benzo(k)fluoranthene	--	400	1.2 U	1.3 UJ	**1.7 J**	1.3 R	**6.57 J**	**6.98 J**	**6.97 J**	**21.6**	NA	NA	NA	**21.2 J**	**149 J**
bis(2-Ethylhexyl)phthalate	--	1400	13 U	10 UJ	18 U	26 R	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	1200	**4 J**	0.81 UJ	**1.5 J**	**34 J**	**7.65 J**	**8.76 J**	**9.32 J**	**21.4**	NA	NA	NA	**25.1 J**	**181 J**
Dibenz(a,h)anthracene	--	13	**1.1 J**	0.78 UJ	0.7 U	0.77 R	**2.78 J**	**4.83 J**	**4.08 J**	**5.58 J**	NA	NA	NA	**5.55 J**	**34.4 J**
Dibenzofuran	--	150	4.9 U	5.6 UJ	5 U	5.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	--	89000	**10**	2.3 UJ	2 U	**15**	**5.79 J**	**7.71 J**	**7.9 J**	**21.5**	NA	NA	NA	**28.2**	**209 J**
Fluorene	--	5400	**1.3 J**	1 UJ	0.92 U	1 U	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	4.95 U	**0.786 J**
Indeno(1,2,3-cd)pyrene	--	130	1.4 UJ	1.6 UJ	1.4 UJ	1.6 R	**15.4 J**	**17.2**	**13.4**	**17.6**	NA	NA	NA	**22.5 J**	**108 J**
Naphthalene	--	0.54	**1.2 J**	0.8 UJ	0.71 U	**1.9 J**	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	4.95 U	2.28 UJ
Phenanthrene	--	--	**7.8 J**	2.3 UJ	2 U	**5.5 J**	**1.42 J**	**1.93 J**	**2.39 J**	**3.4 J**	NA	NA	NA	**12.6**	**53.9 J**
Phenol	--	3300	5.6 U	6.4 UJ	5.7 U	6.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	--	13000	**8.2**	2.3 UJ	**2.3 J**	**20**	**17.1 J**	**7.73 J**	**8.36 J**	**18.4**	NA	NA	NA	**74.5 J**	**285 J**

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	**NAPR Surface Soil UTL Background**	**Risk- or MCL-Based SSL (DAF=1)**	78SB13	78SB14	78SB15	78SB16	78SB17		78SB18	78SB19	78SB20	78SB21	78SB22	78SB23	78SB24
Sample ID			78SB13-00	78SB14-00	78SB15-00	78SB16-00	78SB17-00	78SB17-00D	78SB18-00	78SB19-00	78SB20-00	78SB21-00	78SB22-00	78SB23-00	78SB24-00
Sample Date			05/29/08	05/29/08	05/30/08	05/30/08	04/27/11	04/27/11	04/27/11	04/27/11	04/26/11	04/27/11	04/27/11	04/26/11	04/26/11
Chemical Name															
Polychlorinated Biphenyls (µg/kg)															
Aroclor-1260	--	5.5	5.6 U	6.3 U	5.7 U	6.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg)															
Antimony	2.7	0.27	0.15 UJ	0.097 UJ	**0.66 J**	0.14 UJ	0.485 R	0.49 R	0.467 R	0.5 R	0.49 R	0.485 R	0.472 R	0.476 R	NA
Arsenic	2.75	0.29	**2.1**	**2.9**	**8.2**	**1.8**	**0.724 J**	**1.45**	**1.23**	**1.37**	**1.52**	**1.86**	**1.05**	**1.39 J**	**1.83 J**
Barium	322	82	**160**	**120**	**78**	**80**	**69.2 J**	**122 J**	**130**	**149**	**114**	**140**	**81**	**150 J**	**147 J**
Beryllium	0.676	3.2	**0.42**	**0.42**	**0.19**	**0.27**	**0.22 J**	**0.398 J**	**0.317 J**	**0.214 J**	**0.219 J**	**0.519**	**0.156 J**	**0.292 J**	**0.327 J**
Cadmium	0.765	0.38	**0.14**	**0.062 J**	**0.22**	**0.23**	**0.511**	**0.614**	**0.46 J**	**0.577**	**0.883**	**0.491**	**0.178 J**	**0.346 J**	**0.394 J**
Chromium	55	100000	**77 J**	**21 J**	**28 J**	**36 J**	**11.4**	**20.7**	**17.7**	**22.8**	**22.8**	**39.1**	**12.7**	**24.9 J**	**19.6 J**
Cobalt	52.3	0.27	**34**	**42**	**18**	**40**	**18.3**	**22.7**	**18.8**	**19.5**	**21.6**	**36.2**	**22.3**	**19.4 J**	**17.4 J**
Copper	192	46	**130**	**170**	**110**	**240**	**32.4 J**	**116 J**	**96.6**	**58**	**104**	**113**	**76.9**	**63.5 J**	**77.3 J**
Lead	34.2	14	**3.9**	**1.4**	**19**	**0.81**	**16.7 J**	**33.2 J**	**34.6 J**	**39.9 J**	**71.1 J**	**88.4 J**	**1.02 J**	**13.3 J**	**27.1 J**
Mercury	0.131	0.1	**0.016 J**	**0.015 J**	**0.013 J**	0.0043 U	**0.013 J**	**0.0356 J**	**0.023 J**	**0.0568**	**0.0588**	**0.0276 J**	0.00992 U	**0.0282 J**	**0.0201 J**
Nickel	28	26	**22**	**29**	**15**	**49**	**9.52 J**	**12.9 J**	**11.1 J**	**15.9 J**	**11 J**	**14.5 J**	**11.2 J**	**12.7 J**	**11.1 J**
Selenium	1.07	0.26	**0.54 J**	**0.41 J**	**0.32 J**	0.14 U	**0.132 J**	**0.321 J**	**0.289 J**	**0.345 J**	**0.37 J**	**0.339 J**	**0.126 J**	**0.232 J**	**0.39 J**
Silver	--	0.8	**0.08 J**	**0.039 J**	**0.065 J**	**0.11 J**	**0.0544 J**	**0.0753 J**	**0.0676 J**	0.25 UJ	**0.0426 J**	**0.0595 J**	**0.0534 J**	**0.0549 J**	**0.0523 J**
Thallium	--	0.14	**0.13 J**	0.15 U	0.14 U	0.14 U	0.115 U	0.0636 U	**0.0416 J**	0.0478 U	0.0411 U	**0.0512 J**	**0.0585 J**	**0.0485 J**	**0.0553 J**
Tin	4.25	3000	4.4 U	5.1 U	4.5 U	4.7 U	2.15 U	2.39 U	2.28 U	1.8 U	2.31 U	2.78 U	1.61 U	1.89 UJ	**17.5 J**
Vanadium	286	86	**230**	**260**	**160**	**210**	**110 J**	**141 J**	**127 J**	**147 J**	**113 J**	**124 J**	**211 J**	**115 J**	**113 J**
Zinc	132	370	**51 J**	**56 J**	**84 J**	**72 J**	**95.6 J**	**162 J**	**147**	**123**	**234**	**612**	**43.5**	**101 J**	**661 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL														
TPH-diesel range	--	100,000	**3,800**	**14,000**	**2,300**	**36,000**	2,100 U	2,100 U	2,400 U	2,300 U	NA	NA	NA	NA	NA
TPH-gas range	--	100,000	**200 J**	**370**	**200 J**	110 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in this column were selected from either the risk- or MCL-based SSL values.
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	**NAPR Surface Soil UTL Background**	**Risk- or MCL-Based SSL (DAF=1)**	78SB25		78SB26	78SB33	78SB34	78SB35	78SB36	78SB37		78SB38	78SB39		78SB40	78SB41
Sample ID			78SB25-00	78SB25-00D	78SB26-00	78SB33-00	78SB34-00	78SB35-00	78SB36-00	78SB37-00	78SB37-00D	78SB38-00	78SB39-00	78SB39-00D	78SB40-00	78SB41-00
Sample Date			04/26/11	04/26/11	04/26/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11
Chemical Name																
Volatile Organic Compounds (µg/kg)																
1,4-Dichlorobenzene	--	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	--	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	--	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	--	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	--	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)																
2-Methylnaphthalene	--	190	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U
Acenaphthene	--	5500	5.07 U	5.12 U	**1 J**	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U
Acenaphthylene	--	5500	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U
Anthracene	--	58000	5.07 U	5.12 U	**3.49 J**	NA	NA	NA	NA	NA	NA	4.65 UJ	2.43 U	2.42 U	2.25 U	4.52 UJ
Benzo(a)anthracene	--	4.3	5.07 U	5.12 U	**53.9 J**	NA	NA	NA	NA	NA	NA	4.65 R	**9.15 J**	**2.92 J**	**4.82 J**	4.52 R
Benzo(a)pyrene	--	240	5.07 U	5.12 U	**49.9 J**	NA	NA	NA	NA	NA	NA	4.65 R	**15.6 J**	**4.73 J**	**7.53 J**	4.52 R
Benzo(b)fluoranthene	--	41	5.07 U	5.12 U	**61.1 J**	NA	NA	NA	NA	NA	NA	4.65 R	**34.4 J**	**12.4 J**	**19.9**	4.52 R
Benzo(g,h,i)perylene	--	--	5.07 U	5.12 U	**91.1 J**	NA	NA	NA	NA	NA	NA	**27.4 J**	**14.3 J**	**4.67 J**	**7.67 J**	4.52 R
Benzo(k)fluoranthene	--	400	5.07 U	5.12 U	**51.6 J**	NA	NA	NA	NA	NA	NA	4.65 R	**21.3 J**	**6.53 J**	**12.9**	4.52 R
bis(2-Ethylhexyl)phthalate	--	1400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	1200	5.07 U	5.12 U	**60.7 J**	NA	NA	NA	NA	NA	NA	**6.72 J**	**17 J**	**6.01 J**	**10.7**	**9.28 J**
Dibenz(a,h)anthracene	--	13	5.07 U	5.12 U	**10.2 J**	NA	NA	NA	NA	NA	NA	4.65 R	**5.79 J**	4.85 U	**4.08 J**	4.52 R
Dibenzofuran	--	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	--	89000	5.07 U	5.12 U	**68.8**	NA	NA	NA	NA	NA	NA	4.65 UJ	**6.53 J**	**6.57 J**	**5.66 J**	4.52 UJ
Fluorene	--	5400	5.07 U	5.12 U	**0.839 J**	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U
Indeno(1,2,3-cd)pyrene	--	130	5.07 U	5.12 U	**61.2 J**	NA	NA	NA	NA	NA	NA	4.65 R	**17.3 J**	**5.32 J**	**12.3**	4.52 R
Naphthalene	--	0.54	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U
Phenanthrene	--	--	5.07 U	5.12 U	**24.1**	NA	NA	NA	NA	NA	NA	4.65 UJ	**1.14 J**	**2.13 J**	**1.31 J**	**0.924 J**
Phenol	--	3300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	--	13000	5.07 U	5.12 U	**157 J**	NA	NA	NA	NA	NA	NA	4.65 R	**15.1**	**7.33 J**	**6.15 J**	**2.59 J**

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	**NAPR Surface Soil UTL Background**	**Risk- or MCL-Based SSL (DAF=1)**	78SB25		78SB26	78SB33	78SB34	78SB35	78SB36	78SB37		78SB38	78SB39		78SB40	78SB41
Sample ID			78SB25-00	78SB25-00D	78SB26-00	78SB33-00	78SB34-00	78SB35-00	78SB36-00	78SB37-00	78SB37-00D	78SB38-00	78SB39-00	78SB39-00D	78SB40-00	78SB41-00
Sample Date			04/26/11	04/26/11	04/26/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11
Chemical Name																
Polychlorinated Biphenyls (µg/kg)																
Aroclor-1260	--	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg)																
Antimony	2.7	0.27	0.49 R	0.495 R	0.472 R	0.467 R	0.495 R	0.495 R	0.467 R	0.481 R	0.481 R	0.495 R	0.5 R	0.495 R	0.495 R	0.476 R
Arsenic	2.75	0.29	**0.444 J**	**0.411 J**	**0.865 J**	**19.8**	**2.25**	**29.8**	**1.96**	**1.11 J**	**1.09 J**	**3.28**	**0.413 J**	**0.669 J**	**2.51**	**2.43**
Barium	322	82	**284 J**	**141 J**	**76.6 J**	**113**	**97.6**	**86.3**	**79.6**	**105 J**	**98.7 J**	**63**	**118 J**	**327 J**	**94.2**	**40**
Beryllium	0.676	3.2	**0.346 J**	**0.401 J**	**0.244 J**	**0.22 J**	**0.198 J**	**0.304 J**	**0.237 J**	**0.307 J**	**0.331 J**	**0.188 J**	**0.304 J**	**0.422 J**	**0.309 J**	**0.207 J**
Cadmium	0.765	0.38	**0.31 J**	**0.376 J**	**0.31 J**	**0.423 J**	**0.629**	**0.568**	**0.523**	**0.189 J**	**0.234 J**	**0.305 J**	**0.278 J**	**1.5 J**	**0.259 J**	**0.488**
Chromium	55	100000	**13.2 J**	**13.8 J**	**30.4 J**	**38.8**	**25.6**	**52**	**18.3**	**43.5 J**	**20.3 J**	**16.4**	**22.2**	**27.3**	**32**	**18.3**
Cobalt	52.3	0.27	**22.9 J**	**16.9 J**	**16.9 J**	**23.1**	**21.5**	**12.2**	**16.9**	**24.8 J**	**24.4 J**	**17.2**	**23**	**29.3**	**27.4**	**15.4**
Copper	192	46	**11.2 J**	**10.2 J**	**82.1 J**	**113**	**83.7**	**141**	**67.8**	**86.6 J**	**87.8 J**	**46.9**	**162**	**116**	**106**	**71.9**
Lead	34.2	14	**0.916 J**	**0.967 J**	**16.4 J**	**36 J**	**48 J**	**12 J**	**16.4 J**	**2.32 J**	**2.88 J**	**5.85 J**	1.4 R	10.3 R	**4.27 J**	**2.89 J**
Mercury	0.131	0.1	0.0119 U	0.0118 U	**0.0298 J**	**0.0588**	**0.0486**	**0.0167 J**	**0.0322 J**	**0.00891 J**	**0.0538**	**0.00805 J**	0.0119 U	**0.0305 J**	**0.0207 J**	**0.0143 J**
Nickel	28	26	**10.5 J**	**12.3 J**	**10.5 J**	**15.9 J**	**13.2 J**	**11.1 J**	**12.8 J**	**14.8 J**	**10.6 J**	**15.5 J**	**16.9 J**	**15.9 J**	**13.2 J**	**12.3 J**
Selenium	1.07	0.26	**0.346 J**	**0.27 J**	**0.164 J**	**0.561 J**	**0.434 J**	**0.297 J**	**0.445 J**	**0.593 J**	**0.751 J**	**0.463 J**	**0.33 J**	**0.845 J**	**0.496 J**	**0.439 J**
Silver	--	0.8	**0.126 J**	0.248 UJ	**0.239 J**	**0.0515 J**	**0.0614 J**	0.248 UJ	**0.0634 J**	0.24 UJ	**0.0425 J**	0.248 UJ	0.25 UJ	**0.0419 J**	**0.0417 J**	0.238 UJ
Thallium	--	0.14	**0.102 J**	**0.0251 J**	**0.0541 J**	**0.066 J**	**0.0454 J**	**0.0458 J**	**0.057 J**	**0.0768 J**	**0.09 J**	**0.0628 J**	**0.0312 J**	**0.0402 J**	**0.0828 J**	**0.032 J**
Tin	4.25	3000	6.04 UJ	1.8 UJ	2.6 UJ	2.08 U	4.3 U	2.06 U	2.09 U	1.76 UJ	1.82 UJ	1.78 U	1.57 U	6.06 U	1.79 U	1.53 U
Vanadium	286	86	**91.6 J**	**88.2 J**	**104 J**	**129 J**	**120 J**	**87.8 J**	**102 J**	**175 J**	**213 J**	**115 J**	**160 J**	**161 J**	**172 J**	**105 J**
Zinc	132	370	**48 J**	**44.7 J**	**95.7 J**	**106**	**131**	**125**	**71.2**	**47.4 J**	**44.1 J**	**32.3**	65.2 R	785 R	**56.7**	**35.2**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL															
TPH-diesel range	--	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in this column were selected from either the risk- or MCL-based SSL values.
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	**NAPR Surface Soil UTL Background**	**Risk- or MCL-Based SSL (DAF=1)**	78SB42	78SB43	78SB44	78SB45	78SB46	78SB47	78SB48	78SB49	78SB50	78SB51	78SB52	78SB53	78SB54	78SB55	78SB56
Sample ID			78SB42-00	78SB43-00	78SB44-00	78SB45-00	78SB46-00	78SB47-00	78SB48-00	78SB49-00	78SB50-00	78SB51-00	78SB52-00	78SB53-00	78SB54-00	78SB55-00	78SB56-00
Sample Date			04/28/11	04/28/11	04/28/11	04/28/11	04/27/11	04/27/11	04/26/11	04/26/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11
Chemical Name																	
Volatile Organic Compounds (µg/kg)																	
1,4-Dichlorobenzene	--	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	--	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	--	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	--	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	--	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)																	
2-Methylnaphthalene	--	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	--	5500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	--	5500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	--	58000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	--	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	--	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	--	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	--	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	1400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	1200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	--	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	--	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	--	89000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	--	5400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	--	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	--	3300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	--	13000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	NAPR Surface Soil UTL Background	Risk- or MCL-Based SSL (DAF=1)	78SB42	78SB43	78SB44	78SB45	78SB46	78SB47	78SB48	78SB49	78SB50	78SB51	78SB52	78SB53	78SB54	78SB55	78SB56
Sample ID			78SB42-00	78SB43-00	78SB44-00	78SB45-00	78SB46-00	78SB47-00	78SB48-00	78SB49-00	78SB50-00	78SB51-00	78SB52-00	78SB53-00	78SB54-00	78SB55-00	78SB56-00
Sample Date			04/28/11	04/28/11	04/28/11	04/28/11	04/27/11	04/27/11	04/26/11	04/26/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11
Chemical Name																	
Polychlorinated Biphenyls (µg/kg)																	
Aroclor-1260	--	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/kg)																	
Antimony	2.7	0.27	0.49 R	0.5 R	0.5 R	0.481 R	0.232 R	0.49 R	0.476 R	0.472 R	0.624 R	0.655 R	0.578 R	0.59 R	0.544 R	0.59 R	0.589 R
Arsenic	2.75	0.29	**1.29 J**	**5.46 J**	**51.9 J**	**6.34 J**	**8.01**	**0.181 J**	**1.22**	**6.36**	**2.74 J**	**0.932 J**	**1.58 J**	**3.18 J**	**5.89 J**	**102 J**	**1.06 J**
Barium	322	82	**81 J**	**70.5 J**	**92.8 J**	**58.2 J**	**166**	**64.4**	**138**	**152**	**65.4 J**	**70.6 J**	**87.7 J**	**83.6 J**	**46.9 J**	**62.7 J**	**84.5 J**
Beryllium	0.676	3.2	**0.294 J**	**0.275 J**	**0.325 J**	**0.225 J**	**0.206 J**	**0.116 J**	**0.245 J**	**0.37 J**	**0.208 J**	**0.191 J**	**0.207 J**	**0.228 J**	**0.0794 J**	**0.134 J**	**0.173 J**
Cadmium	0.765	0.38	**0.254 J**	**0.527 J**	**0.279 J**	**0.236 J**	**0.697**	**0.102 J**	**0.404 J**	**0.991**	**0.35 J**	**0.258 J**	**0.268 J**	**0.306 J**	**0.24 J**	**0.395 J**	**0.365 J**
Chromium	55	100000	**16.9 J**	**36.6 J**	49.5 R	26.2 R	**14.2**	**11.7**	**23.1**	**37.3**	**22 J**	**18.4 J**	**14.6 J**	**21.8 J**	**17.4 J**	**197 J**	**20.9 J**
Cobalt	52.3	0.27	**23.4 J**	**16.4 J**	**19.3 J**	**15.2 J**	**15.8**	**21.5**	**19.6**	**30.4**	**25.8**	**19.5**	**20.4**	**19.8**	**9.36**	**15.3**	**24.3**
Copper	192	46	**88.6 J**	**83.8 J**	**106 J**	**79.9 J**	**133**	**59.8**	**73.3**	**104**	**72.1**	**69**	**63.6**	**75.9**	**47.2**	**116**	**96.8**
Lead	34.2	14	**5.68 J**	**17.8 J**	**9.14 J**	**5.86 J**	**104 J**	**0.493 J**	**47.2 J**	**157 J**	**15.6**	**5.96**	**3.54**	**8.43**	**12.2**	**12.7**	**10.8**
Mercury	0.131	0.1	**0.0636**	**0.0258 J**	**0.0222 J**	**0.031 J**	**0.168**	0.011 U	**0.0699**	**0.0983**	**0.0913**	**0.0599**	**0.0291 J**	**0.0516**	**0.0394**	**0.032 J**	**0.0245 J**
Nickel	28	26	**9.59 J**	**13.4 J**	**10.9 J**	**9.35 J**	**8.31 J**	**14.4 J**	**10.3 J**	**16.1 J**	**13.7 J**	**10.1 J**	**8.92 J**	**9.88 J**	**9.14 J**	**10.9 J**	**15.8 J**
Selenium	1.07	0.26	**0.319 J**	**1.04 J**	**0.959 J**	**1.09 J**	**0.174 J**	**0.151 J**	**0.53 J**	**0.757 J**	**0.861 J**	**0.72 J**	**0.632 J**	**1.02 J**	**0.718 J**	**0.407 J**	**0.386 J**
Silver	--	0.8	0.245 UJ	0.25 UJ	**0.0423 J**	0.24 UJ	**0.0957 J**	0.245 UJ	**0.0438 J**	**0.136 J**	0.312 UJ	0.327 UJ	0.289 UJ	0.295 UJ	0.272 UJ	0.295 UJ	0.294 UJ
Thallium	--	0.14	**0.0775 J**	**0.0715 J**	**0.104 J**	**0.0599 J**	0.0521 U	**0.0198 J**	0.0511 U	0.0825 U	**0.0474 J**	**0.0708 J**	**0.0366 J**	**0.0464 J**	**0.0445 J**	**0.0302 J**	**0.0474 J**
Tin	4.25	3000	**15.7 J**	2.15 UJ	1.98 UJ	2.3 UJ	**17.6**	1.92 U	2.26 U	2.34 U	2.97 U	2.9 U	2.33 U	2.52 U	2.34 U	1.96 U	2.59 U
Vanadium	286	86	**140 J**	**106 J**	**124 J**	**99.9 J**	**72.1 J**	**138 J**	**122 J**	**155 J**	**145 J**	**127 J**	**125 J**	**129 J**	**59.2 J**	**86.9 J**	**146 J**
Zinc	132	370	**37.1 J**	**76.8 J**	**52 J**	**47.2 J**	**413**	**38.1**	**116**	**263**	**45 J**	**46.1 J**	**50.2 J**	**54.6 J**	**28.9 J**	**66.3 J**	**59.3 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL																
TPH-diesel range	--	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in this column were selected from either the risk- or MCL-based SSL values.
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	**NAPR Surface Soil UTL Background**	**Risk- or MCL-Based SSL (DAF=1)**	78SB57	78SB58		78SB59
Sample ID			78SB57-00	78SB58-00	78SB58-00D	78SB59-00
Sample Date			09/27/11	09/27/11	09/27/11	09/27/11
Chemical Name						
Volatile Organic Compounds (µg/kg)						
1,4-Dichlorobenzene	--	72	NA	NA	NA	NA
2-Hexanone	--	8.8	NA	NA	NA	NA
Acetone	--	2900	NA	NA	NA	NA
Benzene	--	2.6	NA	NA	NA	NA
Carbon disulfide	--	240	NA	NA	NA	NA
Chloromethane	--	49	NA	NA	NA	NA
Iodomethane	--	--	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)						
2-Methylnaphthalene	--	190	2.4 U	2.8 U	NA	4.5 UJ
Acenaphthene	--	5500	2.4 U	**1.8 J**	NA	4.5 UJ
Acenaphthylene	--	5500	2.4 U	2.8 U	NA	4.5 UJ
Anthracene	--	58000	2.4 U	**5 J**	NA	**2 J**
Benzo(a)anthracene	--	4.3	4.8 U	**96**	NA	**8.2 J**
Benzo(a)pyrene	--	240	4.8 U	**88**	NA	**14 J**
Benzo(b)fluoranthene	--	41	4.8 U	**130**	NA	**12 J**
Benzo(g,h,i)perylene	--	--	4.8 U	**56**	NA	**52 J**
Benzo(k)fluoranthene	--	400	4.8 U	**54**	NA	**8.7 J**
bis(2-Ethylhexyl)phthalate	--	1400	NA	NA	NA	NA
Chrysene	--	1200	4.8 U	**97**	NA	**15 J**
Dibenz(a,h)anthracene	--	13	4.8 U	**16**	NA	8.9 UJ
Dibenzofuran	--	150	NA	NA	NA	NA
Fluoranthene	--	89000	4.8 U	**130**	NA	**18 J**
Fluorene	--	5400	2.4 U	**0.97 J**	NA	4.5 UJ
Indeno(1,2,3-cd)pyrene	--	130	4.8 U	**69**	NA	**7.5 J**
Naphthalene	--	0.54	2.4 U	2.8 U	NA	4.5 UJ
Phenanthrene	--	--	2.4 U	**35**	NA	**8.1 J**
Phenol	--	3300	NA	NA	NA	NA
Pyrene	--	13000	4.8 U	**130**	NA	**19 J**

TABLE 4-3

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Surface Soil Detections and Comparisons to SSLs

Station ID	**NAPR Surface Soil UTL Background**	**Risk- or MCL-Based SSL (DAF=1)**	78SB57	78SB58		78SB59
Sample ID			78SB57-00	78SB58-00	78SB58-00D	78SB59-00
Sample Date			09/27/11	09/27/11	09/27/11	09/27/11
Chemical Name						
Polychlorinated Biphenyls (µg/kg)						
Aroclor-1260	--	5.5	NA	NA	NA	NA
Total Metals (mg/kg)						
Antimony	2.7	0.27	0.559 R	0.656 R	0.61 R	0.526 R
Arsenic	2.75	0.29	**1.09 J**	**1.07 J**	**1.37 J**	**3.58 J**
Barium	322	82	**70.4 J**	**39.5 J**	**74 J**	**54.1 J**
Beryllium	0.676	3.2	**0.329 J**	**0.353 J**	**0.343 J**	**0.139 J**
Cadmium	0.765	0.38	**0.276 J**	**0.244 J**	**0.256 J**	**0.303 J**
Chromium	55	100000	**65.3 J**	**107 J**	**79 J**	**14 J**
Cobalt	52.3	0.27	**34.8**	**14.8**	**16.5**	**12.8**
Copper	192	46	**41.9**	**52.9**	**67.6**	**34.8**
Lead	34.2	14	**9.6**	**24.7 J**	**47.1 J**	**5.08**
Mercury	0.131	0.1	**0.0303 J**	**0.0413**	**0.0302 J**	**0.0247 J**
Nickel	28	26	**14.5 J**	**19.2 J**	**19.7 J**	**10 J**
Selenium	1.07	0.26	**0.878 J**	**0.892 J**	**1.11 J**	**0.387 J**
Silver	--	0.8	0.279 UJ	0.328 UJ	0.305 UJ	0.263 UJ
Thallium	--	0.14	**0.047 J**	**0.0288 J**	**0.0296 J**	**0.0174 J**
Tin	4.25	3000	1.96 U	4.16 U	7.11 U	2.18 U
Vanadium	286	86	**100 J**	**150 J**	**143 J**	**90 J**
Zinc	132	370	**29.1 J**	**187 J**	**316 J**	**37.6 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL					
TPH-diesel range	--	100,000	NA	NA	NA	NA
TPH-gas range	--	100,000	NA	NA	NA	NA

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in this column were selected from either the risk- or MCL-based SSL values.
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

TABLE 4-4

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Subsurface Soil Detections and Comparisons to SSLs

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Risk- or MCL-Based SSL (DAF=1)	78SB01			78SB02		78SB03			78SB04		78SB05	78SB06	
Sample ID			78SB01-01	78SB01-03	78SB01-03D	78SB02-01	78SB02-03	78SB03-01	78SB03-01D	78SB03-02	78SB04-01	78SB04-02	78SB05-01	78SB06-01	78SB06-02
Sample Date			05/31/08	05/31/08	05/31/08	05/30/08	05/30/08	05/31/08	05/31/08	05/31/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08
Chemical Name															
Volatile Organic Compounds (µg/kg)															
1,4-Dichlorobenzene	--	72	7 U	8 U	6.6 U	7.5 U	6.8 U	7 U	7 U	6.9 U	6.6 U	6.7 UJ	**7.8 J**	7.4 U	7.1 UJ
Acetone	--	2900	**180 J**	36 UJ	15 UJ	**170 J**	20 UJ	21 UJ	15 UJ	16 UJ	14 UJ	8.4 UJ	**48 J**	**26 J**	**13 J**
Iodomethane	--	--	**4.7 J**	1.3 U	0.86 U	**12 J**	1.2 UJ	1.1 U	1.1 U	1.1 U	0.79 UJ	0.83 UJ	1.2 U	1.9 U	0.99 U
Semivolatile Organic Compounds (µg/kg)															
Anthracene	--	58000	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	2 U	2 U	2 UJ
Benzo(a)anthracene	--	4.3	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	2 U	2 U	2 UJ
Benzo(a)pyrene	--	240	0.74 U	**1.3 J**	0.7 U	0.8 U	0.72 U	0.74 U	0.75 U	0.74 U	0.7 U	0.71 U	0.78 UJ	0.79 UJ	0.76 UJ
Benzo(b)fluoranthene	--	41	0.85 UJ	**2 J**	0.81 UJ	0.92 U	0.83 U	0.85 UJ	0.86 UJ	0.85 UJ	0.81 U	0.82 UJ	0.9 U	0.91 U	0.88 UJ
Benzo(g,h,i)perylene	--	--	1.9 UJ	2.2 UJ	1.8 UJ	2 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.8 UJ	1.8 UJ	2 U	2 U	2 UJ
Benzo(k)fluoranthene	--	400	1.1 U	1.3 U	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 UJ	1.2 UJ	1.2 UJ
Benzyl alcohol	--	480	9 U	10 U	8.5 U	9.6 U	8.8 U	**10 J**	9.1 U	8.9 U	8.5 U	8.6 UJ	9.4 U	9.6 U	9.2 UJ
bis(2-Ethylhexyl)phthalate	--	1400	13 U	14 U	14 U	18 U	8.8 UJ	12 U	17 U	12 U	5.1 U	27 U	**11 J**	5.8 U	12 UJ
Chrysene	--	1200	0.69 U	**1.2 J**	0.65 U	0.74 U	0.67 U	0.69 U	0.69 U	0.68 U	0.65 U	0.65 U	0.72 U	0.73 U	0.7 UJ
Dibenz(a,h)anthracene	--	13	0.66 U	0.76 U	0.63 U	0.71 U	0.65 U	0.66 U	0.67 U	0.66 U	0.63 U	0.63 U	0.7 U	0.71 U	0.68 UJ
Fluoranthene	--	89000	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	2 U	2 U	2 UJ
Fluorene	--	5400	0.87 U	0.99 U	0.82 U	0.93 U	0.84 U	0.86 U	0.87 U	0.86 U	0.82 U	0.83 UJ	0.91 U	0.92 U	0.89 UJ
Indeno(1,2,3-cd)pyrene	--	130	1.3 U	1.5 U	1.3 U	1.4 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.3 U	1.4 UJ	1.4 U	1.4 UJ
Naphthalene	--	0.54	0.67 UJ	0.77 UJ	0.64 UJ	0.72 UJ	0.66 UJ	0.67 UJ	0.68 UJ	0.67 UJ	0.64 UJ	0.64 UJ	0.71 U	0.72 U	0.69 UJ
Phenanthrene	--	--	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	2 U	2 U	2 UJ
Pyrene	--	13000	1.9 U	2.2 U	1.8 U	2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 UJ	2 U	2 U	2 UJ
Polychlorinated Biphenyls (µg/kg)															
No Detections															
Total Metals (mg/kg)															
Antimony	--	0.27	0.077 UJ	0.093 UJ	0.092 UJ	0.4 UJ	0.079 UJ	0.4 UJ	0.28 UJ	0.28 UJ	0.16 UJ	0.11 UJ	0.082 UJ	0.083 UJ	0.077 UJ
Arsenic	3.15	0.29	**0.7**	**0.73**	**0.97**	**1.5**	**0.54**	**0.96**	**0.87**	**1.1**	**0.95**	0.4 U	**0.68**	**0.61**	0.4 U
Barium	347	82	**38**	**30**	**32**	**41**	**32**	**86**	**63**	**230**	**38**	**22**	**27**	**76**	**13**
Beryllium	0.672	3.2	**0.25**	**0.22**	**0.2**	**0.22**	**0.15**	**0.21**	**0.19**	**0.14**	**0.15**	**0.12**	**0.13**	**0.14**	**0.1 J**
Cadmium	0.603	0.38	**0.073 J**	**0.045 J**	**0.09 J**	**3.7**	**0.16**	**0.63**	**0.56**	**2.6**	**0.3**	**0.069 J**	**0.035 J**	**0.13**	**0.07 J**
Chromium	167	100000	**14**	**12**	**13**	**18**	**8.1**	**17**	**17**	**10**	**5.6**	**9.1**	**5.7 J**	**13 J**	**12 J**
Cobalt	49.8	0.27	**18**	**11**	**13**	**17**	**14**	**24**	**23**	**27**	**12**	**6.6**	**9**	**35**	**24**
Copper	280	46	**84**	**190**	**150**	**61**	**9.4**	**140**	**100**	**120**	**24**	**16**	**84**	**130**	**86**
Lead	6.97	14	1.6 R	1.2 R	1.7 R	0.84 R	0.65 R	1.8 R	1.4 R	1.2 R	1.8 R	1.2 R	**0.96**	**0.76**	**0.38**
Mercury	0.119	0.1	0.0039 U	0.0048 U	0.0042 U	0.0048 U	0.0042 U	0.0043 U	**0.0089 J**	0.0042 U	0.0037 U	0.004 U	0.0046 U	0.0046 U	0.0038 U
Nickel	34.1	26	**11**	**7**	**8.6**	**16**	**9.2**	**18**	**17**	**12**	**6.3**	**4.8**	**5.7**	**20**	**17**
Selenium	2.57	0.26	0.12 U	0.15 U	0.12 U	0.13 U	0.13 U	0.13 U	0.13 U	0.12 U	0.11 U	0.12 U	0.13 U	0.13 U	0.12 U
Silver	--	0.8	**0.029 J**	**0.043 J**	**0.028 J**	**0.16 J**	**0.075 J**	**0.14 J**	**0.15 J**	**0.06 J**	**0.034 J**	**0.036 J**	**0.025 J**	**0.038 J**	**0.037 J**
Thallium	0.27	0.14	0.12 U	0.15 U	0.12 U	0.13 U	0.13 U	0.13 U	0.13 U	0.12 U	0.11 U	0.12 U	0.13 U	0.13 U	0.12 U
Vanadium	482	86	**140**	**130**	**130**	**220**	**100**	**190**	**190**	**180**	**70**	**55**	**71**	**230**	**170**
Zinc	111	370	**70 J**	**39 J**	**35 J**	**66 J**	**37 J**	**61 J**	**60 J**	**40 J**	**29 J**	**24 J**	**22 J**	**46 J**	**41 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL														
TPH-diesel range	--	100,000	**180,000**	**2,100 J**	**1,500 J**	**1,400 J**	**1,200 J**	**14,000**	**12,000**	**1,700 J**	**1,300 J**	**780 J**	**1,800**	**830**	**900**
TPH-gas range	--	100,000	79 U	**110 J**	53 U	64 U	71 U	71 U	63 U	72 U	56 U	62 U	**200 J**	82 U	72 U

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

TABLE 4-4

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Subsurface Soil Detections and Comparisons to SSLs

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Risk- or MCL-Based SSL (DAF=1)	78SB07		78SB08		78SB09		78SB10		78SB11			78SB12		78SB13	78SB14
Sample ID			78SB07-01	78SB07-02	78SB08-01	78SB08-02	78SB09-01	78SB09-03	78SB10-01	78SB10-02	78SB11-03	78SB11-03D	78SB11-05	78SB12-02	78SB12-03	78SB13-01	78SB14-02
Sample Date			05/30/08	05/30/08	05/30/08	05/30/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08
Chemical Name																	
Volatile Organic Compounds (µg/kg)																	
1,4-Dichlorobenzene	--	72	6.9 U	7.2 U	7.3 U	7.3 U	6.8 U	6.6 U	7.3 U	6.5 U	8.9 U	7.3 U	7 UJ	6.5 U	6.6 U	6.7 U	6.9 UJ
Acetone	--	2900	25 UJ	38 UJ	**34 J**	**17 J**	**19 J**	5.2 U	**8.1 J**	**9.5 J**	**33 J**	**11 J**	**5.6 J**	**48 J**	**9.8 J**	**15 J**	**31 J**
Iodomethane	--	--	1.4 UJ	**3.2 J**	1.3 U	1.2 U	1.9 U	1.2 U	1.1 U	1.1 U	**3.3 J**	1.4 U	1 U	**5.7**	1.2 U	0.86 U	**1.5 J**
Semivolatile Organic Compounds (µg/kg)																	
Anthracene	--	58000	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ
Benzo(a)anthracene	--	4.3	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ
Benzo(a)pyrene	--	240	0.73 U	0.77 U	0.77 UJ	0.77 UJ	0.73 U	0.7 U	0.78 U	0.7 U	0.95 U	0.78 U	0.74 UJ	0.69 U	0.7 U	0.71 U	0.73 UJ
Benzo(b)fluoranthene	--	41	0.84 UJ	0.89 UJ	0.89 U	0.89 U	0.84 U	0.81 U	0.9 U	0.8 U	1.1 U	0.9 U	0.86 UJ	0.8 U	0.81 U	0.82 U	0.84 UJ
Benzo(g,h,i)perylene	--	--	1.9 UJ	2 UJ	2 U	2 U	1.9 UJ	1.8 UJ	2 U	1.8 U	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 UJ	1.9 UJ
Benzo(k)fluoranthene	--	400	1.1 U	1.2 U	1.2 UJ	1.2 UJ	1.1 U	1.1 U	1.2 U	1.1 U	1.4 U	1.2 U	1.1 UJ	1 U	1.1 U	1.1 U	1.1 UJ
Benzyl alcohol	--	480	8.9 U	9.3 U	9.4 U	9.4 U	8.8 U	8.5 UJ	9.4 UJ	8.4 U	12 UJ	9.5 UJ	9 UJ	8.4 U	8.5 U	8.6 UJ	8.8 UJ
bis(2-Ethylhexyl)phthalate	--	1400	18 U	21 U	**10 J**	5.6 U	12 U	8.2 U	9.4 U	34 U	14 U	13 U	7.5 UJ	22 U	17 U	17 U	6.8 UJ
Chrysene	--	1200	0.68 U	0.71 U	0.71 U	0.71 U	0.67 U	0.65 U	0.72 U	0.64 U	0.88 U	0.72 U	0.69 UJ	0.64 U	0.65 U	0.66 U	0.67 UJ
Dibenz(a,h)anthracene	--	13	0.65 U	0.69 U	0.69 U	0.69 U	0.65 U	0.63 U	0.7 UJ	0.62 U	0.85 UJ	0.7 UJ	0.66 UJ	0.62 U	0.63 U	0.63 U	0.65 UJ
Fluoranthene	--	89000	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ
Fluorene	--	5400	0.85 U	0.9 U	0.9 U	0.9 U	0.85 U	0.82 U	0.91 U	0.81 U	1.1 U	0.91 U	0.87 UJ	0.81 U	0.82 U	0.83 U	0.85 UJ
Indeno(1,2,3-cd)pyrene	--	130	1.3 U	1.4 U	1.4 U	1.4 U	1.3 UJ	1.3 UJ	1.4 UJ	1.3 U	1.7 UJ	1.4 UJ	1.4 UJ	1.3 UJ	1.3 U	1.3 UJ	1.3 UJ
Naphthalene	--	0.54	0.67 UJ	0.7 UJ	0.7 U	0.7 U	0.66 U	0.64 U	0.71 U	0.63 U	0.86 U	0.71 U	**0.85 J**	0.63 U	0.64 U	**0.67 J**	0.66 UJ
Phenanthrene	--	--	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ
Pyrene	--	13000	1.9 U	2 U	2 U	2 U	1.9 U	1.8 U	2 U	1.8 U	2.4 U	2 U	1.9 UJ	1.8 U	1.8 U	1.8 U	1.9 UJ
Polychlorinated Biphenyls (µg/kg)																	
No Detections																	
Total Metals (mg/kg)																	
Antimony	--	0.27	0.079 UJ	0.078 UJ	0.078 UJ	0.079 UJ	0.079 UJ	0.082 UJ	0.084 UJ	0.074 UJ	0.096 UJ	**0.089 J**	0.082 UJ	0.1 UJ	0.073 UJ	0.072 UJ	0.25 UJ
Arsenic	3.15	0.29	**0.65**	0.5 U	**0.66**	**0.62**	0.36 U	0.48 U	0.54 U	**0.54**	**1.1**	**1.2**	**2.7**	**2**	**0.55**	**1**	**1.8**
Barium	347	82	**34**	**25**	**33**	**42**	**170**	**100**	**450**	**35**	**25 J**	**59 J**	**25**	**60**	**21**	**71**	**310**
Beryllium	0.672	3.2	**0.23**	**0.16**	**0.21**	**0.15**	**0.19**	**0.13**	**0.16**	**0.24**	**0.21**	**0.23**	**0.23**	**0.14**	**0.071 J**	**0.28**	**0.3**
Cadmium	0.603	0.38	**0.034 J**	**0.034 J**	**0.059 J**	**0.062 J**	**0.034 J**	**0.085 J**	**0.049 J**	**0.043 J**	**0.11 J**	**0.24**	**0.14**	**0.031 J**	0.03 U	**0.064 J**	**0.074 J**
Chromium	167	100000	**14**	**11**	**9.9 J**	**12 J**	**15 J**	**12 J**	**18**	**14**	**15**	**15**	**17**	**31 J**	**21 J**	**32 J**	**9 J**
Cobalt	49.8	0.27	**11**	**10**	**7.9**	**19**	**33**	**30**	**34**	**16**	**19 J**	**29 J**	**32**	**20**	**22**	**22**	**23**
Copper	280	46	**21**	**18**	**200**	**82**	**170**	**63**	**29**	**8.2**	**34 J**	**55 J**	**130**	**210**	**98**	**74**	**190**
Lead	6.97	14	0.73 R	0.45 R	**0.68**	**0.5**	**0.78**	**0.5**	**1.7**	**1**	**1.1**	**1.2**	**0.65**	**1**	**0.42**	**1.3**	**1.4**
Mercury	0.119	0.1	0.0044 U	0.0044 U	0.0043 U	0.0043 U	0.0041 U	0.0042 U	0.0046 U	0.0042 U	0.0053 U	0.0044 U	0.0045 U	0.0041 U	0.004 U	**0.012 J**	0.004 U
Nickel	34.1	26	**7.5**	**6.8**	**6.3**	**12**	**22**	**17**	**12**	**11**	**5.6**	**9.3**	**19**	**15**	**21**	**22**	**8**
Selenium	2.57	0.26	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.12 U	0.13 U	0.12 U	0.15 U	0.14 U	0.13 U	**0.3 J**	0.12 U	**0.35 J**	**0.14 J**
Silver	--	0.8	**0.03 J**	**0.03 J**	**0.022 J**	**0.053 J**	**0.089 J**	**0.099 J**	**0.098 J**	**0.023 J**	**0.022 J**	**0.037 J**	**0.041 J**	**0.025 J**	0.016 U	**0.033 J**	**0.052 J**
Thallium	0.27	0.14	0.13 U	0.13 U	0.13 U	0.13 U	**0.35 J**	**0.25 J**	0.13 U	0.12 U	0.15 U	0.14 U	0.13 U	0.12 U	0.12 U	0.11 U	0.13 U
Vanadium	482	86	**120**	**74**	**110**	**130**	**200**	**270**	**190**	**160**	**120**	**150**	**330**	**120**	**140**	**170**	**210**
Zinc	111	370	**33 J**	**25 J**	**19 J**	**29 J**	**60 J**	**54 J**	**47**	**41**	**54**	**57**	**70**	**40 J**	**43 J**	**43 J**	**52 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL																
TPH-diesel range	--	100,000	660 U	700 U	**1,200**	**1,800**	**2,200**	**1,400**	**2,400**	**3,500**	**2,900**	**2,100**	**2,000**	**5,200**	**1,100**	**1,200**	**1,400**
TPH-gas range	--	100,000	72 U	60 U	**120 J**	72 U	70 U	59 U	65 U	62 U	95 U	74 U	68 U	**170 J**	74 U	**120 J**	**71 J**

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

TABLE 4-4

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Subsurface Soil Detections and Comparisons to SSLs

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Risk- or MCL-Based SSL (DAF=1)	78SB15		78SB16		78SB17		78SB18	78SB21	78SB22		78SB23			78SB24	
Sample ID			78SB15-01	78SB15-03	78SB16-01	78SB16-03	78SB17-01	78SB17-01D	78SB18-01	78SB21-01	78SB22-01	78SB22-03	78SB23-01	78SB23-01D	78SB23-03	78SB24-01	78SB24-04
Sample Date			05/30/08	05/30/08	05/30/08	05/30/08	04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11
Chemical Name																	
Volatile Organic Compounds (µg/kg)																	
1,4-Dichlorobenzene	--	72	7.1 U	6.5 U	6.9 U	6.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	2900	**14 J**	**11 J**	**24 J**	**8.3 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	1.2 U	1.2 U	1.3 U	0.88 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)																	
Anthracene	--	58000	2 U	1.8 U	1.9 U	1.8 U	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	**2.04 J**	**1.31 J**
Benzo(a)anthracene	--	4.3	2 U	1.8 U	1.9 U	1.8 U	4.33 U	4.34 U	4.51 U	NA	NA	NA	**24.2 J**	**2.19 J**	4.53 U	**87.9 J**	**33.6**
Benzo(a)pyrene	--	240	0.76 U	0.69 U	0.73 U	0.71 U	4.33 U	4.34 U	4.51 U	NA	NA	NA	**19.7 J**	**3.15 J**	4.53 U	**114 J**	**34.2**
Benzo(b)fluoranthene	--	41	0.88 U	0.79 U	0.84 U	0.82 U	4.33 U	4.34 U	4.51 U	NA	NA	NA	**36.3 J**	**5.02 J**	4.53 U	**165 J**	**36.5**
Benzo(g,h,i)perylene	--	--	2 U	1.8 U	1.9 U	1.8 U	**3.24 J**	**1.96 J**	**7.07 J**	NA	NA	NA	**15.7 J**	**6.36 J**	4.53 U	**71.1 J**	**16.8**
Benzo(k)fluoranthene	--	400	1.2 U	1 U	1.1 U	1.1 U	4.33 U	4.34 U	4.51 U	NA	NA	NA	**34.3 J**	**3.61 J**	4.53 U	**93.2 J**	**22.4**
Benzyl alcohol	--	480	9.2 UJ	8.4 U	8.9 U	8.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	1400	12 U	9 U	14 U	12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	1200	0.7 U	0.64 U	0.68 U	0.66 U	4.33 U	4.34 U	4.51 U	NA	NA	NA	**40.6 J**	**3.28 J**	4.53 U	**169 J**	**62.7**
Dibenz(a,h)anthracene	--	13	0.68 U	0.62 U	0.65 U	0.63 U	4.33 U	4.34 U	4.51 U	NA	NA	NA	**3.33 J**	4.36 U	4.53 U	**24.2 J**	**5.64 J**
Fluoranthene	--	89000	2 U	1.8 U	1.9 U	1.8 U	**1.34 J**	4.34 U	**1.99 J**	NA	NA	NA	**12.6 J**	**3.55 J**	4.53 U	**57.6 J**	**31.2**
Fluorene	--	5400	0.89 U	0.8 U	0.85 U	0.83 U	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	**0.715 J**	2.27 U
Indeno(1,2,3-cd)pyrene	--	130	1.4 UJ	1.3 UJ	1.3 U	1.3 U	**6.65 J**	4.34 U	**7.46 J**	NA	NA	NA	**21.5**	**10.1**	4.53 U	**81.7 J**	**20.1**
Naphthalene	--	0.54	0.69 U	0.63 U	0.67 U	0.65 U	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	2.26 UJ	2.27 U
Phenanthrene	--	--	2 U	1.8 U	1.9 U	1.8 U	2.17 U	2.17 U	2.26 U	NA	NA	NA	**2.26 J**	**1.78 J**	2.26 U	**9.87 J**	**13**
Pyrene	--	13000	2 U	1.8 U	1.9 U	1.8 U	**3.07 J**	4.34 U	**3.36 J**	NA	NA	NA	**22 J**	**4.79 J**	4.53 U	**173 J**	**90.4**
Polychlorinated Biphenyls (µg/kg)																	
No Detections																	
Total Metals (mg/kg)																	
Antimony	--	0.27	0.082 UJ	0.073 UJ	0.11 UJ	0.075 UJ	0.495 R	0.485 R	0.467 R	0.476 R	0.495 R	0.495 R	0.472 R	0.472 R	0.495 R	NA	0.495 R
Arsenic	3.15	0.29	0.52 U	**0.54**	**1.4**	**0.73**	**0.398 J**	**0.416 J**	**0.5 J**	**0.436 J**	**0.473 J**	**0.381 J**	**0.654 J**	**0.824 J**	**0.687 J**	**0.539 J**	**5.41 J**
Barium	347	82	**20**	**43**	**69**	**24**	**42.1**	**37.2**	**38.9**	**132 J**	**45.4 J**	**41.7 J**	**139**	**166**	**33.9**	**129**	**59.5**
Beryllium	0.672	3.2	**0.047 J**	**0.051 J**	**0.25**	**0.078 J**	**0.215 J**	**0.19 J**	**0.184 J**	**0.21 J**	**0.119 J**	**0.185 J**	**0.235 J**	**0.274 J**	**0.191 J**	**0.196 J**	**0.245 J**
Cadmium	0.603	0.38	**0.15**	**0.16**	**0.33**	0.032 U	**0.498**	**0.37 J**	**0.292 J**	**0.283 J**	**0.0946 J**	**0.184 J**	**0.303 J**	**0.271 J**	**0.202 J**	**0.248 J**	**0.186 J**
Chromium	167	100000	**21 J**	**26 J**	**19 J**	**16 J**	**8.69 J**	**7.6**	**11.4**	**14.9 J**	**11.2 J**	**12.7 J**	**9.63**	**9.82**	**8.32**	**10.6**	**37.5**
Cobalt	49.8	0.27	**18**	**20**	**25**	**20**	**15.2 J**	**15.2**	**14.1**	**27.3 J**	**24 J**	**31.3 J**	**19.1**	**15.8**	**25.9**	**14.4**	**43.9**
Copper	280	46	**72**	**110**	**110**	**76**	**18.1 J**	**18.9**	**38.2**	**54.8 J**	**63.1 J**	**84.6 J**	**48.8**	**59.5**	**83.8**	**58.9**	**360**
Lead	6.97	14	0.29 U	0.29 U	**4.7**	**0.5**	**4.39 J**	**2.66 J**	**5.9 J**	**3.43 J**	**0.646 J**	**0.943 J**	**5.31 J**	**4.11 J**	**0.871 J**	**2.44 J**	**2.23 J**
Mercury	0.119	0.1	0.0042 U	0.0042 U	0.0039 U	0.0039 U	0.0102 U	0.0103 U	0.0111 U	0.011 U	0.0113 U	0.0113 U	0.0103 U	0.0106 U	0.0102 U	0.0103 U	0.0107 U
Nickel	34.1	26	**19**	**19**	**19**	**17**	**7.57 J**	**7.57 J**	**9.28 J**	**11.2 J**	**12.8 J**	**19.4 J**	**7.24 J**	**6.93 J**	**14.6 J**	**6.6 J**	**28.9 J**
Selenium	2.57	0.26	0.13 U	0.12 U	0.12 U	0.12 U	1.24 UJ	**0.163 J**	1.17 UJ	0.126 UJ	0.151 UJ	0.182 UJ	**0.136 J**	**0.314 J**	1.24 UJ	**0.154 J**	**0.203 J**
Silver	--	0.8	**0.049 J**	**0.033 J**	**0.059 J**	**0.071 J**	**0.0542 J**	**0.0658 J**	**0.0417 J**	0.238 UJ	0.248 U	**0.0705 J**	**0.053 J**	**0.0661 J**	**0.053 J**	0.248 UJ	0.248 UJ
Thallium	0.27	0.14	0.13 U	0.12 U	0.12 U	0.12 U	**0.116 J**	**0.0345 J**	**0.0253 J**	**0.0406 J**	**0.0193 J**	**0.0208 J**	**0.0634 J**	**0.0571 J**	**0.0731 J**	**0.0408 J**	**0.051 J**
Vanadium	482	86	**110**	**160**	**150**	**180**	**102 J**	**96 J**	**113 J**	**142 J**	**117 J**	**186 J**	**98.7 J**	**100 J**	**194 J**	**92.3 J**	**276 J**
Zinc	111	370	**34 J**	**34 J**	**37 J**	**27 J**	**45.7 J**	**39.8 J**	**43.2 J**	**52.1 J**	**35.6 J**	**56.9 J**	**75.1 J**	**67.2 J**	**65.6 J**	**43.2 J**	**124 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL																
TPH-diesel range	--	100,000	**1,700**	**1,000**	**7,700**	**3,800**	2,000 U	2,000 U	2,100 U	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	100,000	**99 J**	84 U	69 U	74 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

TABLE 4-4

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Subsurface Soil Detections and Comparisons to SSLs

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Risk- or MCL-Based SSL (DAF=1)	78SB25		78SB26		78SB27	78SB28	78SB29		78SB30			78SB31	78SB32	78SB37
Sample ID			78SB25-01	78SB25-04	78SB26-01	78SB26-03	78SB27-01	78SB28-01	78SB29-01	78SB29-02	78SB30-01	78SB30-01D	78SB30-03	78SB31-01	78SB32-01	78SB37-01
Sample Date			04/26/11	04/26/11	04/26/11	04/26/11	04/27/11	04/26/11	04/26/11	04/26/11	04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/28/11
Chemical Name																
Volatile Organic Compounds (µg/kg)																
1,4-Dichlorobenzene	--	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)																
Anthracene	--	58000	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	--	4.3	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	--	240	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	--	41	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	--	--	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	--	400	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	--	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	1400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	1200	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	--	13	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	--	89000	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	--	5400	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	--	130	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	--	0.54	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	--	--	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	--	13000	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (µg/kg)																
No Detections																
Total Metals (mg/kg)																
Antimony	--	0.27	0.495 R	0.476 R	0.476 R	0.485 R	0.5 R	0.49 R	0.5 R	0.485 R	0.476 R	0.5 R	0.49 R	0.5 R	0.476 R	0.467 R
Arsenic	3.15	0.29	**0.547 J**	**0.935 J**	**0.52 J**	**0.673 J**	**2.18 J**	**0.725 J**	**0.581 J**	**0.679 J**	**0.207 J**	0.25 UJ	**0.185 J**	**4.29 J**	**0.339 J**	**4.06 J**
Barium	347	82	**41**	**19.2**	**79.1**	**82.8**	**21.4 J**	**35.7 J**	**52.4 J**	**95.8 J**	**90.5 J**	**113 J**	**141 J**	**65.4 J**	**36.2 J**	**62.6 J**
Beryllium	0.672	3.2	**0.293 J**	**0.242 J**	**0.303 J**	**0.201 J**	**0.179 J**	**0.241 J**	**0.166 J**	**0.15 J**	**0.148 J**	**0.163 J**	**0.172 J**	**0.274 J**	**0.126 J**	**0.214 J**
Cadmium	0.603	0.38	**0.342 J**	**0.237 J**	**0.341 J**	**0.222 J**	**0.238 J**	**0.0995 J**	**0.514**	**0.296 J**	**0.0619 J**	**0.067 J**	**0.0674 J**	**0.224 J**	**0.0941 J**	**0.204 J**
Chromium	167	100000	**14.7**	**8.34**	**21.1**	**11.5**	**12.4 J**	**20.8 J**	**19.7 J**	**15.6 J**	**10.5 J**	**11.2 J**	**11.2 J**	**12.4 J**	**25 J**	**24 J**
Cobalt	49.8	0.27	**15.5**	**18.6**	**22.9**	**23.6**	**59.7 J**	**12.5 J**	**16.7 J**	**22.7 J**	**21.5 J**	**22.9 J**	**22.3 J**	**30.8 J**	**12 J**	**25.6 J**
Copper	280	46	**16.1**	**114**	**51**	**77**	**624 J**	**30.1 J**	**51.3 J**	**84.5 J**	**51.9 J**	**58 J**	**13 J**	**40.4 J**	**105 J**	**95.2 J**
Lead	6.97	14	**0.836 J**	**1.18 J**	**1.24 J**	**0.779 J**	**1.74 J**	**15.8 J**	**12.7 J**	**4.78 J**	**1 J**	**1.01 J**	**0.913 J**	**0.818 J**	**1.08 J**	**6.22 J**
Mercury	0.119	0.1	0.0106 U	0.00999 U	0.0116 U	0.0105 U	0.00986 U	**0.00843 J**	**0.0251 J**	**0.00918 J**	0.0104 U	0.0106 U	0.0114 U	0.0109 U	0.0112 U	**0.0457**
Nickel	34.1	26	**6.79 J**	**11.4 J**	**10.9 J**	**17.2 J**	**40.4 J**	**10.4 J**	**10.5 J**	**12.5 J**	**13.7 J**	**14.4 J**	**13 J**	**16.5 J**	**8.68 J**	**16 J**
Selenium	2.57	0.26	**0.157 J**	**0.312 J**	**0.147 J**	1.21 UJ	0.473 UJ	0.305 UJ	0.175 UJ	0.402 UJ	1.19 UJ	1.25 UJ	0.192 UJ	0.145 UJ	0.222 UJ	0.728 UJ
Silver	--	0.8	**0.0483 J**	**0.0658 J**	**0.0451 J**	**0.0605 J**	**0.0424 J**	0.245 UJ	0.25 UJ	0.243 UJ	**0.0527 J**	**0.0571 J**	**0.0863 J**	**0.208 J**	0.238 UJ	0.234 UJ
Thallium	0.27	0.14	**0.0343 J**	**0.0213 J**	**0.0538 J**	**0.0361 J**	0.25 U	0.0645 U	0.0996 U	0.0983 U	0.187 U	**0.225 J**	**0.311 J**	**0.0242 J**	**0.0246 J**	**0.0631 J**
Vanadium	482	86	**106 J**	**131 J**	**117 J**	**184 J**	**193 J**	**98.7 J**	**116 J**	**139 J**	**151 J**	**156 J**	**126 J**	**391 J**	**92.8 J**	**153 J**
Zinc	111	370	**57 J**	**37.6 J**	**42.3 J**	**55.6 J**	**79.7 J**	**31.7 J**	**93.9 J**	**51.4 J**	**47.4 J**	**47.8 J**	**53.3 J**	**94.3 J**	**39.7 J**	**36.7 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL															
TPH-diesel range	--	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

TABLE 4-4

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Subsurface Soil Detections and Comparisons to SSLs

Station ID	NAPR Background Subsurface Soil UTL (Clay)	Risk- or MCL-Based SSL (DAF=1)	78SB38			78SB39		78SB40		78SB41		78SB42	78SB47		78SB57
Sample ID			78SB38-01	78SB38-01D	78SB38-02	78SB39-01	78SB39-03	78SB40-01	78SB40-02	78SB41-01	78SB41-02	78SB42-01	78SB47-01	78SB47-05	78SB57-01
Sample Date			04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/27/11	04/27/11	09/27/11
Chemical Name															
Volatile Organic Compounds (µg/kg)															
1,4-Dichlorobenzene	--	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	--	2900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)															
Anthracene	--	58000	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U
Benzo(a)anthracene	--	4.3	4.53 U	4.59 U	4.41 U	4.77 U	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Benzo(a)pyrene	--	240	4.53 U	4.59 U	4.41 U	4.77 UJ	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Benzo(b)fluoranthene	--	41	4.53 U	4.59 U	4.41 U	**4.08 J**	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Benzo(g,h,i)perylene	--	--	4.53 U	4.59 U	4.41 U	**1.99 J**	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Benzo(k)fluoranthene	--	400	4.53 U	4.59 U	4.41 U	**2.47 J**	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Benzyl alcohol	--	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	1400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	--	1200	4.53 U	4.59 U	4.41 U	**2.34 J**	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Dibenz(a,h)anthracene	--	13	4.53 U	4.59 U	4.41 U	4.77 UJ	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Fluoranthene	--	89000	4.53 U	4.59 U	**1.4 J**	**1.71 J**	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Fluorene	--	5400	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U
Indeno(1,2,3-cd)pyrene	--	130	4.53 U	4.59 U	4.41 U	**8.05 J**	4.27 U	**6.9 J**	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Naphthalene	--	0.54	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U
Phenanthrene	--	--	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U
Pyrene	--	13000	4.53 U	4.59 U	**6.56 J**	**2.71 J**	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U
Polychlorinated Biphenyls (µg/kg)															
No Detections															
Total Metals (mg/kg)															
Antimony	--	0.27	0.467 R	0.472 R	0.5 R	0.485 R	0.476 R	0.476 R	0.5 R	0.485 R	0.495 R	0.459 R	0.49 R	0.49 R	0.626 R
Arsenic	3.15	0.29	0.234 UJ	**0.16 J**	**0.237 J**	**1.53 J**	**0.297 J**	**1.06 J**	**0.52 J**	**0.625 J**	**0.336 J**	**1.95 J**	0.245 UJ	0.245 UJ	**0.468 J**
Barium	347	82	**34.6**	**43.6**	**65.4**	**91**	**38.8**	**101**	**55.7**	**64.2**	**395 J**	**171 J**	**43.8 J**	**40.6 J**	**313 J**
Beryllium	0.672	3.2	**0.176 J**	**0.211 J**	**0.106 J**	**0.306 J**	**0.202 J**	**0.262 J**	**0.146 J**	**0.0912 J**	**0.143 J**	**0.246 J**	**0.107 J**	**0.0941 J**	**0.384 J**
Cadmium	0.603	0.38	**0.143 J**	**0.0734 J**	**0.0884 J**	**0.561**	**0.192 J**	**0.246 J**	**0.188 J**	**0.201 J**	**0.356 J**	**0.191 J**	**0.0418 J**	**0.167 J**	**0.262 J**
Chromium	167	100000	**12.8**	**12.6**	**14.9**	**14.5**	**17.7**	**28.2**	**28.6**	**15.9**	**21.6 J**	**19 J**	**11.9 J**	**12.4 J**	**14.8 J**
Cobalt	49.8	0.27	**23.3**	**26.9**	**31**	**29.8**	**24.3**	**28.6**	**27.7**	**16.1**	**27.3 J**	**19.2 J**	**24.9 J**	**25.5 J**	**25.8**
Copper	280	46	**85.2**	**91**	**94.9**	**228**	**199**	**84.2**	**165**	**87.7**	**114 J**	**67.5 J**	**92.8 J**	**87.7 J**	**68.8**
Lead	6.97	14	**0.428 J**	**0.532 J**	**0.503 J**	**2.24 J**	**1.25 J**	**1.89 J**	**0.69 J**	**0.774 J**	**0.594 J**	**1.7 J**	0.463 UJ	**0.776 J**	**0.5 J**
Mercury	0.119	0.1	0.0112 U	**0.0293 J**	0.0104 U	0.0118 U	0.0105 U	**0.0441**	0.01 U	**0.0102 J**	0.00968 U	**0.0294 J**	0.0105 U	0.0112 U	**0.0447**
Nickel	34.1	26	**20.4 J**	**20.6 J**	**23.8 J**	**15.5 J**	**14.7 J**	**15.5 J**	**25.9 J**	**11.6 J**	**19.3 J**	**13.6 J**	**12.6 J**	**12.7 J**	**22.7 J**
Selenium	2.57	0.26	**0.128 J**	**0.237 J**	**0.15 J**	**0.459 J**	1.19 UJ	**0.864 J**	**0.222 J**	**0.17 J**	1.24 UJ	0.527 UJ	1.23 UJ	0.265 UJ	**0.441 J**
Silver	--	0.8	0.234 UJ	0.236 UJ	0.25 UJ	**0.0427 J**	0.238 UJ	**0.0416 J**	0.25 UJ	0.243 UJ	0.248 U	0.229 U	0.245 UJ	0.245 UJ	0.313 UJ
Thallium	0.27	0.14	**0.0467 J**	**0.0809 J**	**0.0528 J**	**0.0233 J**	**0.02 J**	**0.0486 J**	**0.0284 J**	**0.0197 J**	**0.0296 J**	**0.0379 J**	**0.0231 J**	0.245 U	**0.0601 J**
Vanadium	482	86	**134 J**	**139 J**	**157 J**	**780 J**	**182 J**	**172 J**	**193 J**	**87.3 J**	**131 J**	**112 J**	**156 J**	**156 J**	**117 J**
Zinc	111	370	**40.1 J**	**40.3 J**	**45.3 J**	**105 J**	**73.7 J**	**37.2 J**	**66.9 J**	**33.3 J**	**41 J**	**28.6 J**	**42.4 J**	**45.7 J**	**59.2 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL														
TPH-diesel range	--	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range	--	100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.

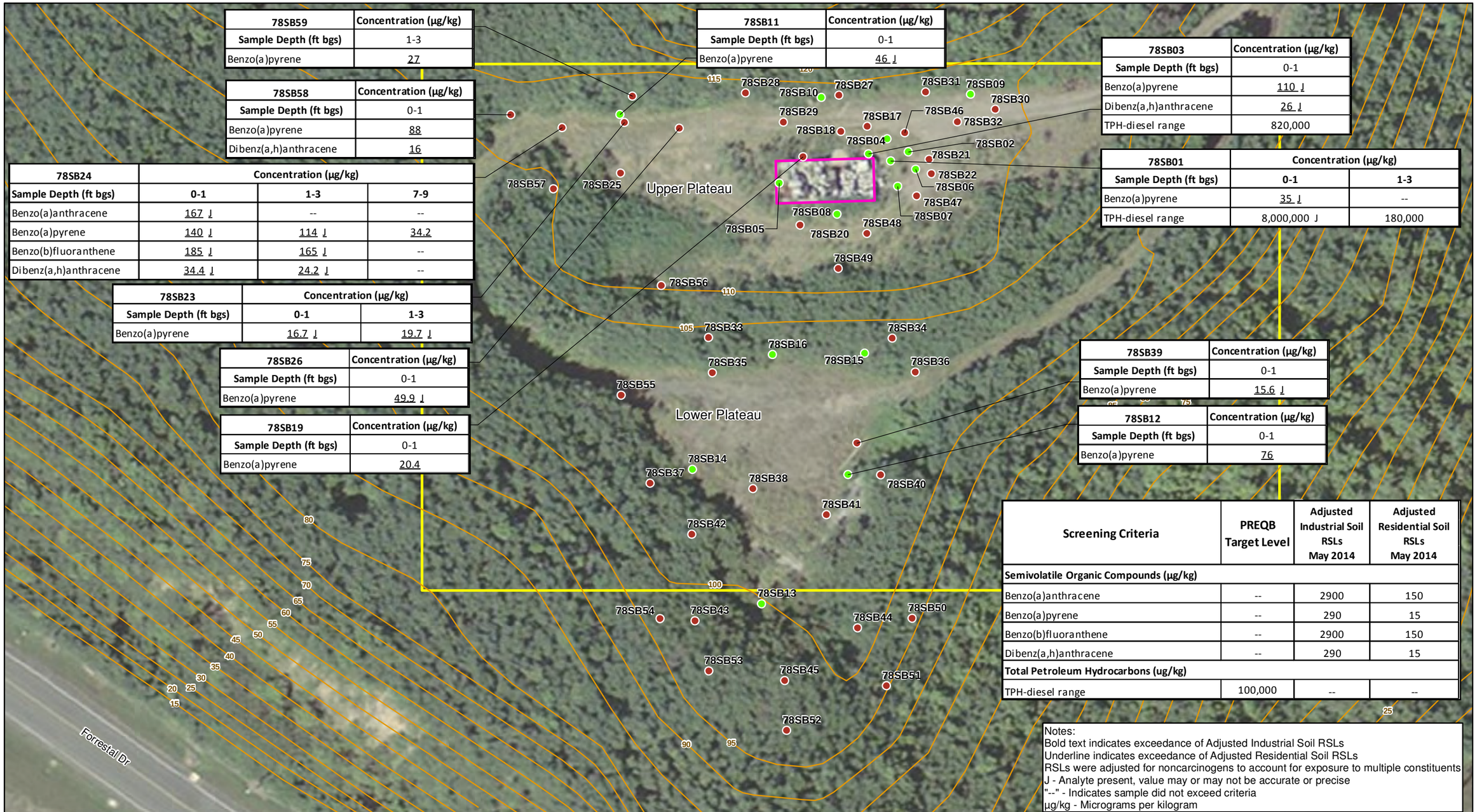
TABLE 4-4

NAPR SWMU 78 Phase I RFI and Full RFI

Summary of Subsurface Soil Detections and Comparisons to SSLs

Station ID	**NAPR Background Subsurface Soil UTL (Clay)**	**Risk- or MCL-Based SSL (DAF=1)**	78SB58		78SB59
Sample ID			78SB58-01	78SB58-01D	78SB59-01
Sample Date			09/27/11	09/27/11	09/27/11
Chemical Name					
Volatile Organic Compounds (µg/kg)					
1,4-Dichlorobenzene	--	72	NA	NA	NA
Acetone	--	2900	NA	NA	NA
Iodomethane	--	--	NA	NA	NA
Semivolatile Organic Compounds (µg/kg)					
Anthracene	--	58000	2.6 U	2.9 U	**5 J**
Benzo(a)anthracene	--	4.3	5.3 U	5.8 U	**30**
Benzo(a)pyrene	--	240	5.3 U	5.8 U	**27**
Benzo(b)fluoranthene	--	41	5.3 U	5.8 U	**36**
Benzo(g,h,i)perylene	--	--	5.3 U	5.8 U	**23**
Benzo(k)fluoranthene	--	400	5.3 U	5.8 U	**13**
Benzyl alcohol	--	480	NA	NA	NA
bis(2-Ethylhexyl)phthalate	--	1400	NA	NA	NA
Chrysene	--	1200	5.3 U	5.8 U	**30**
Dibenz(a,h)anthracene	--	13	5.3 U	5.8 U	**5 J**
Fluoranthene	--	89000	5.3 U	5.8 U	**47**
Fluorene	--	5400	2.6 U	2.9 U	**0.91 J**
Indeno(1,2,3-cd)pyrene	--	130	5.3 U	5.8 U	**22**
Naphthalene	--	0.54	2.6 U	2.9 U	2.3 U
Phenanthrene	--	--	2.6 U	2.9 U	**16**
Pyrene	--	13000	5.3 U	5.8 U	**40**
Polychlorinated Biphenyls (µg/kg)					
No Detections					
Total Metals (mg/kg)					
Antimony	--	0.27	0.63 R	0.695 R	0.566 R
Arsenic	3.15	0.29	**2.92 J**	**3.23 J**	**0.946 J**
Barium	347	82	**169 J**	**161 J**	**126 J**
Beryllium	0.672	3.2	**0.428 J**	**0.504 J**	**0.218 J**
Cadmium	0.603	0.38	**0.218 J**	**0.199 J**	**0.36 J**
Chromium	167	100000	**19.2 J**	**22.5 J**	**18 J**
Cobalt	49.8	0.27	**19.7 J**	**38.8 J**	**14.7**
Copper	280	46	**71.1 J**	**91**	**39.9**
Lead	6.97	14	**1.65**	**2.27**	**4.41**
Mercury	0.119	0.1	0.0186 U	**0.0153 J**	**0.03 J**
Nickel	34.1	26	**11.1 J**	**19 J**	**8.09 J**
Selenium	2.57	0.26	**0.534 J**	**0.691 J**	**0.417 J**
Silver	--	0.8	0.315 UJ	0.348 UJ	0.283 UJ
Thallium	0.27	0.14	**0.0543 J**	0.348 U	**0.042 J**
Vanadium	482	86	**133 J**	**175 J**	**89.2 J**
Zinc	111	370	**35.4 J**	**47.9 J**	**51.4 J**
Total Petroleum Hydrocarbons (ug/kg)	PREQB TPH SSL				
TPH-diesel range	--	100,000	NA	NA	NA
TPH-gas range	--	100,000	NA	NA	NA

Notes:
J - Analyte present, value may or may not be accurate or precise
NA - Not analyzed
R - Rejected Result
U - Nondetect
UJ - Analyte not detected, quantitation limit may be inaccurate
mg/kg - Milligrams per kilogram
µg/kg - Micrograms per kilogram
Bolding indicates detection.
Underlined bolding indicates detected exceedance of the UTL surface soil background.
Bolded gray shading indicates a detected exceedance of the June 2015 Risk Based or MCL-Based SSL. Screening levels in
Bolded gold shading indicates detected exceedance of the PREQB TPH SSL.



78SB59	Concentration (µg/kg)
Sample Depth (ft bgs)	1-3
Benzo(a)pyrene	27

78SB58	Concentration (µg/kg)
Sample Depth (ft bgs)	0-1
Benzo(a)pyrene	88
Dibenz(a,h)anthracene	16

78SB24	Concentration (µg/kg)		
Sample Depth (ft bgs)	0-1	1-3	7-9
Benzo(a)anthracene	167 J	--	--
Benzo(a)pyrene	140 J	114 J	34.2
Benzo(b)fluoranthene	185 J	165 J	--
Dibenz(a,h)anthracene	34.4 J	24.2 J	--

78SB23	Concentration (µg/kg)	
Sample Depth (ft bgs)	0-1	1-3
Benzo(a)pyrene	16.7 J	19.7 J

78SB26	Concentration (µg/kg)
Sample Depth (ft bgs)	0-1
Benzo(a)pyrene	49.9 J

78SB19	Concentration (µg/kg)
Sample Depth (ft bgs)	0-1
Benzo(a)pyrene	20.4

78SB11	Concentration (µg/kg)
Sample Depth (ft bgs)	0-1
Benzo(a)pyrene	46 J

78SB03	Concentration (µg/kg)
Sample Depth (ft bgs)	0-1
Benzo(a)pyrene	110 J
Dibenz(a,h)anthracene	26 J
TPH-diesel range	820,000

78SB01	Concentration (µg/kg)	
Sample Depth (ft bgs)	0-1	1-3
Benzo(a)pyrene	35 J	--
TPH-diesel range	8,000,000 J	180,000

78SB39	Concentration (µg/kg)
Sample Depth (ft bgs)	0-1
Benzo(a)pyrene	15.6 J

78SB12	Concentration (µg/kg)
Sample Depth (ft bgs)	0-1
Benzo(a)pyrene	76

Screening Criteria	PREQB Target Level	Adjusted Industrial Soil RSLs May 2014	Adjusted Residential Soil RSLs May 2014
Semivolatile Organic Compounds (µg/kg)			
Benzo(a)anthracene	--	2900	150
Benzo(a)pyrene	--	290	15
Benzo(b)fluoranthene	--	2900	150
Dibenz(a,h)anthracene	--	290	15
Total Petroleum Hydrocarbons (ug/kg)			
TPH-diesel range	100,000	--	--

Notes:
Bold text indicates exceedance of Adjusted Industrial Soil RSLs
Underline indicates exceedance of Adjusted Residential Soil RSLs
RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents
J - Analyte present, value may or may not be accurate or precise
"--" - Indicates sample did not exceed criteria
µg/kg - Micrograms per kilogram

LEGEND

- 2008 Phase I RFI Soil Sampling Location
- 2011 Full RFI Soil Sampling Location
- Elevation Contour (feet)
- Transformer Pad
- SWMU 78 Boundary

N

0 25 50 100
Feet

FIGURE 4-1
Surface and Subsurface Soil Organic Exceedances
Full RFI Report, SWMU 78 – Pole Yard
Naval Activity Puerto Rico
Ceiba, Puerto Rico

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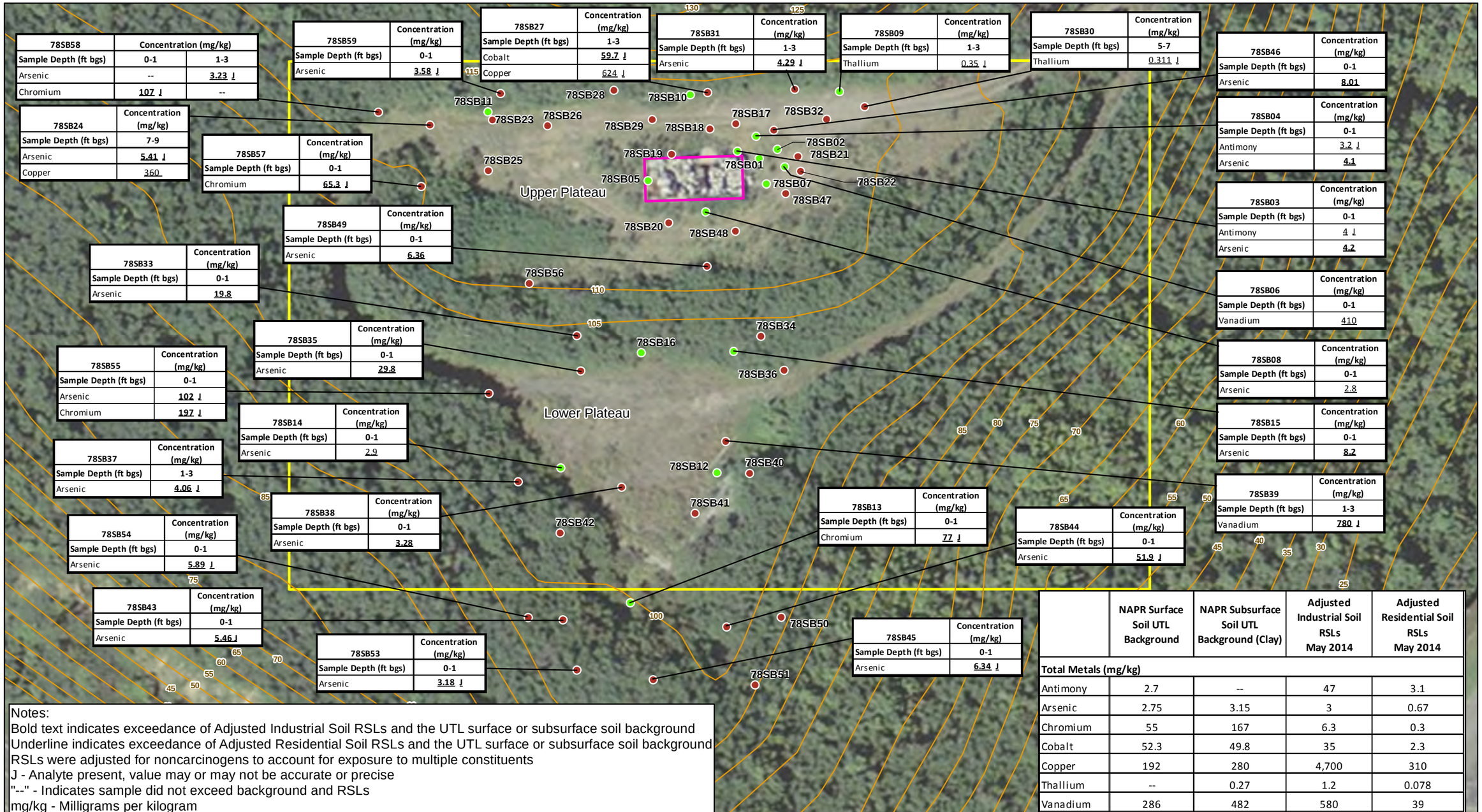

78SB58	Concentration (mg/kg)	
Sample Depth (ft bgs)	0-1	1-3
Arsenic	--	**3.23** J
Chromium	**107** J	--

78SB24	Concentration (mg/kg)
Sample Depth (ft bgs)	7-9
Arsenic	**5.41** J
Copper	360

78SB57	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Chromium	**65.3** J

78SB59	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**3.58** J

78SB27	Concentration (mg/kg)
Sample Depth (ft bgs)	1-3
Cobalt	**59.7** J
Copper	624 J

78SB31	Concentration (mg/kg)
Sample Depth (ft bgs)	1-3
Arsenic	**4.29** J

78SB09	Concentration (mg/kg)
Sample Depth (ft bgs)	1-3
Thallium	0.35 J

78SB30	Concentration (mg/kg)
Sample Depth (ft bgs)	5-7
Thallium	0.311 J

78SB46	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**8.01**

78SB04	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Antimony	3.2 J
Arsenic	**4.1**

78SB03	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Antimony	4 J
Arsenic	**4.2**

78SB06	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Vanadium	410

78SB08	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	2.8

78SB15	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**8.2**

78SB39	Concentration (mg/kg)
Sample Depth (ft bgs)	1-3
Vanadium	**780** J

78SB44	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**51.9** J

78SB13	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Chromium	**77** J

78SB49	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**6.36**

78SB33	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**19.8**

78SB35	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**29.8**

78SB55	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**102** J
Chromium	**197** J

78SB14	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	2.9

78SB37	Concentration (mg/kg)
Sample Depth (ft bgs)	1-3
Arsenic	**4.06** J

78SB38	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**3.28**

78SB54	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**5.89** J

78SB43	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**5.46** J

78SB53	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**3.18** J

78SB45	Concentration (mg/kg)
Sample Depth (ft bgs)	0-1
Arsenic	**6.34** J

	NAPR Surface Soil UTL Background	NAPR Subsurface Soil UTL Background (Clay)	Adjusted Industrial Soil RSLs May 2014	Adjusted Residential Soil RSLs May 2014
Total Metals (mg/kg)				
Antimony	2.7	--	47	3.1
Arsenic	2.75	3.15	3	0.67
Chromium	55	167	6.3	0.3
Cobalt	52.3	49.8	35	2.3
Copper	192	280	4,700	310
Thallium	--	0.27	1.2	0.078
Vanadium	286	482	580	39

Notes:
Bold text indicates exceedance of Adjusted Industrial Soil RSLs and the UTL surface or subsurface soil background
Underline indicates exceedance of Adjusted Residential Soil RSLs and the UTL surface or subsurface soil background
RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents
J - Analyte present, value may or may not be accurate or precise
"--" - Indicates sample did not exceed background and RSLs
mg/kg - Milligrams per kilogram

LEGEND

- 2008 Phase I RFI Soil Sampling Location
- 2011 Full RFI Soil Sampling Location
- Elevation Contour (feet)
- Transformer Pad
- SWMU 78 Boundary

N

0 25 50 100
Feet

FIGURE 4-2
Surface and Subsurface Soil Inorganic Exceedances
Full RFI Report, SWMU 78 – Pole Yard
Naval Activity Puerto Rico
Ceiba, Puerto Rico

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SECTION 5

Human Health Risk Assessment Summary

A human health risk assessment (HHRA) was conducted for SWMU 78 that evaluated potential future health risks from exposure to site soil based on the analytical data collected during the Phase I and Full RFIs. The HHRA was conducted in accordance with the Vieques Master HHRA protocol (CH2M HILL, 2010), which is consistent with USEPA Region 2 policy and USEPA guidance documents. The primary guidance documents used in preparation of the HHRA are the *USEPA Risk Assessment Guidance for Superfund (RAGS) Parts A, D, E, and F* (USEPA, 1989; 2001; 2004; 2009), and the Update of Standard Default Exposure Factors (USEPA, 2014). The complete HHRA is presented in **Appendix C**. This section summarizes the key components and findings of the HHRA.

5.1 Constituents of Potential Concern

The analytical data used in the HHRA consist of surface and subsurface soil data collected during the Phase I and Full RFIs conducted in May 2008 and April/September 2011. The surface soil (0 to 2 feet) dataset consists of 103 samples (including 13 duplicate samples), while the combined surface soil (0 to 2 feet) and subsurface soil dataset (referred to as "total soil") includes 28 additional samples (including two duplicate samples), for a total of 131 samples. Soil samples were analyzed variously for VOCs, SVOCs, metals, and PCBs.

Constituents of potential concern (COPCs) were identified for surface soil (0 to 2 feet) and total soil (0 to 6 feet) using the screening process presented in the Vieques Master HHRA protocol (CH2M HILL, 2010). The following COPCs were identified for each receptor group for direct exposure to surface soil and total soil:

Residents:

- Seven metals (antimony, arsenic, chromium, cobalt, copper, thallium, and vanadium)
- Four PAHs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, and dibenz[a,h]anthracene)

Industrial Workers:

- Four metals (arsenic, chromium, cobalt, and vanadium)

5.2 Exposure Evaluation

Potential future receptors were evaluated by the HHRA. As noted in Section 3.1 of **Appendix C** and in the conceptual model for potential human receptors (**Appendix C, Table 1 of Attachment 1** and **Figure 1 of Attachment 2**), future receptors evaluated in the HHRA consisted of residents (adult and child [1-6 years old]) and industrial workers.

The following potential exposure pathways were quantified for potential receptors identified at SWMU 78.

Future Residents (Adult/Child): Ingestion, dermal contact, and inhalation exposures to surface soil (0 to 2 feet) and total soil (0 to 6 feet).

Future Industrial Workers (Adult): Ingestion, dermal contact, and inhalation exposures to total soil (0 to 6 feet).

5.3 Risk Estimates

The target (acceptable) range for excess lifetime carcinogenic risk (ELCR) associated with CERCLA sites is 1 in 10,000 ($1x10^{-4}$) to 1 in 1,000,000 ($1x10^{-6}$). Similarly, the target (acceptable) non-carcinogenic hazard index (HI) is 1 or less per target organ. Risk estimates were calculated for potential receptors and exposure pathways using conservative assumptions for exposure factors and exposure point concentrations. The risk estimates are summarized below:

- Residents – Future Scenario
  - Surface soil and total soil (ingestion, dermal contact, and inhalation)
    - Adult: all target organ-specific HI <1
    - Child: all target organ-specific HI ≤1
    - Adult/Child aggregate: $3x10^{-5}$ ELCR
- Industrial Workers – Future Scenario
  - Total Soil (ingestion, dermal contact, and inhalation)
    - $4x10^{-6}$ ELCR, all target organ-specific HI<1

5.4 Constituents of Concern

Constituents of concern (COCs) are generally identified when the potential ELCR or HI for a receptor group exceeds threshold values (a total ELCR of $1x10^{-4}$ or a target organ-specific HI of 1) and concentrations are site-related and exceed background levels. For each receptor group, when a potential ELCR of $1x10^{-4}$ is exceeded for an environmental medium, the COPCs exceeding background levels and posing an individual ELCR greater than $1x10^{-6}$ in that environmental medium are identified as COCs. When a potential target organ-specific HI exceeds 1 for an environmental medium, the COPCs exceeding background levels and posing a hazard quotient (HQ) greater than 0.1 for the target organ in that environmental medium are identified as COCs. Factors such as nature of contamination source, laboratory contamination, and common pesticide use (unrelated to spills, improper storage disposal, or use) are considered when identifying COCs.

ELCR and HI estimates for potential soil exposures at SWMU 78 were within acceptable levels for all receptor groups evaluated by the HHRA. The potential ELCRs for the exposure scenarios evaluated at SWMU 78 were within the target ELCR range of $1x10^{-6}$ to $1x10^{-4}$. All estimated target organ-specific HIs were less than or equal to the threshold of 1. Additionally, the maximum detected concentrations of all COPCs identified in surface soil except thallium are less than the respective background concentrations. Therefore, no COCs were identified at SWMU 78.

SECTION 6

Ecological Risk Assessment Summary

This section summarizes the results of the ecological risk assessment (ERA) that was conducted for SWMU 78. The complete ERA is included as **Appendix D.**

6.1 Introduction

This ERA was conducted in accordance with the document titled *Navy Policy for Conducting Ecological Risk Assessments* (CNO, 1999) and the Navy guidance for implementing this ERA policy (NAVFAC, 2003; 2012). It considers data collected in 2008 and 2011 as part of previous evaluations of SWMU 78. This ERA is completed through Step 3A of the 8-step ERA process (USEPA, 1997).

The approaches, methods, and assumptions used for this ERA were based on the draft ERA protocol recently completed for NAPR and submitted for EPA review on June 19, 2015 (CH2M HILL, 2015). The draft NAPR ERA protocol was developed based on the Vieques ERA protocol. This ERA expands upon, and updates, the ecological screening of existing surface (0 to 1 foot) and shallow subsurface (1 to 3 feet) soil data previously conducted for SWMU 78 by CH2M HILL (2014) and Baker (2012). Although the 1 to 3 foot depth interval was included in the assessment, because it was previously evaluated by Baker (2012), exposures to soils at these depths for the types of ecological receptors likely to occur on SWMU 78 are not likely to be ecologically significant.

6.2 Environmental Setting

The environmental setting of SWMU 78 is discussed in Section 2.3. Dominant tree, shrub, and herbaceous vegetation documented by Baker during an August 2011 site visit included white lead tree (*Leucaena leucocephala),* tamarind *(Tamarindus indica*), guinea grass (*Urochloa maxima*), smut grass (*Sporobolus indicus*), water dead and awake (*Neptunia plena*), paja brava (*Paspalum millegrana*), crack open (*Casearia sylvestris*), small flower shallow-wort (*Cynanchum parviflorum*), scarlet spiderling (*Boerhavia coccinea*), fringed windmill grass (*Chloris ciliata*), Egyptian grass (*Dactyloctenium aegyptian*) and ocean blue morning glory *(Ipomoea indica)* (Baker, 2011).

No aquatic habitats (such as ponds, streams, or wetlands) or man-made drainage ditches occur within, or adjacent to, SWMU 78 (Baker, 2008). The Ensenada Honda is the closest water body, located approximately 700 feet south-southwest of SWMU 78. The nearest wetland area is an estuarine wetland located approximately 1,650 feet west-northwest of SWMU 78, adjacent to the base marina. However, this wetland is not directly downgradient of SWMU 78. The water table at SWMU 78 is estimated to occur in bedrock at depths between 80 to 100 feet bgs based on previous investigations of nearby areas (Baker, 2008).

No site-specific information on the fauna utilizing SWMU 78 is currently available, but the site is expected to be used by a variety of bird, mammalian, and reptilian species. Eleven federally listed threatened or endangered species are known to occur, or have the potential to occur, on or near NAPR. However, none of these species is known to occur on or in the immediate vicinity of SWMU 78.

6.3 Analytical Data Used for the ERA

The Phase I RFI field investigation, consisting of surface and subsurface soil sampling, was conducted in May 2008. The full RFI sampling of the same media was conducted in April and September 2011. Both the existing surface and shallow subsurface soil samples from 2008 and 2011 were quantitatively evaluated by this ERA. Surface soil (0 to 1 foot bgs) is the primary ecologically relevant terrestrial medium at SWMU 78. Shallow subsurface soil samples (1 to 3 feet bgs) were also evaluated because some ecological receptors may be exposed to soils near the top of this depth interval, and because soil data from this depth interval were previously included in ecological screening conducted by Baker (2012). However, surface and shallow subsurface soil samples were evaluated separately, and terrestrial food web exposures only considered the surface soil samples.

Background soil upper tolerance limits (UTLs) from the NAPR background study (CH2M HILL, 2013) were also considered in the ERA. UTLs have been developed separately for surface and shallow subsurface soils.

6.4 Conceptual Site Model for ERA

The ecological conceptual site model (CSM) relates potentially exposed receptor populations with potential source areas based on physical site characteristics and complete exposure pathways. Important components of the ecological CSM are the identification of potential source areas, transport pathways, exposure media, exposure pathways and routes, and receptors. **Appendix D, Figure D-1** illustrates a diagrammatic ecological CSM for SWMU 78. Key components of this ecological CSM are discussed in **Appendix D**. **Table 6-1** shows the assessment endpoints, risk hypotheses, and measurement endpoints used in the ERA and the receptors associated with each of these endpoints.

6.5 ERA Results

Eight assessment endpoints were developed for terrestrial habitats on SWMU 78 (**Table 6-1**). Lines of evidence for terrestrial habitats included:

- Comparison of surface soil and shallow subsurface soil concentrations with ESVs
- Comparison of modeled dietary doses with ingestion toxicity reference values (TRVs)
- Comparison of site soil concentrations with background soil concentrations

For surface soil, four metals (copper, selenium, vanadium, and zinc), and TPH-DRO were identified as Step 3A COPCs for further risk evaluation. Vanadium was also identified as a Step 3A COPC for further risk evaluation for terrestrial food web exposures. Vanadium exceeded ESVs and background UTLs in only one (sample 78SB06-00) of 53 samples; the maximum ratio to the background UTL was 1.43. Copper exceeded ESVs and background UTLs in only two (samples 78SB08-00 and 78SB16-00) of 53 samples; the maximum ratio to the background UTL was 1.46. Selenium exceeded ESVs and background UTLs in three (samples 78SB12-00, 78SB45-00, and 78SB58-00) of 53 samples; the maximum ratio to the background UTL was 1.31. These three metals are considered to be consistent with background concentrations on a site-wide basis based on the low frequency and magnitude of UTL exceedances.

Zinc exceeded ESVs and background UTLs for 13 samples. Only two samples (78SB21-00 and 78SB24-00) had ESV HQs exceeding 5 (5.10 and 5.51, respectively). The maximum concentration (sample 78SB24-00) occurred along the site access road far removed from known source areas. Sample 78SB21-00 was located within 50 feet of the drain valve, but a sample (78SB06-00) between the drain valve and this sample did not exceed either the ESV or UTL, nor did nearby samples (78SB22-00 and 78SB02-00).

None of the UTL exceedances were associated with the locations of known materials storage, and there were no ESV exceedances in shallow subsurface soil samples. The zinc ESV/UTL exceedances in surface soils did, however, cluster into three areas (**Figure 3-1**): 1) along the site access road (northwestern portion of the loop; samples 78SB58-00, 78SB24-00, and 78SB11-00); 2) south of the concrete pad (samples 78SB08-00, 78SB20-00, and 78SB49-00); and 3) north and east of the concrete pad near the drain valve (samples 78SB01-00 and 78SB21-00) and the concrete ramp (samples 78SB03-00, 78SB18-00, 78SB04-00, 78SB17-00, and 78SB46-00). The spatial distribution of ESV/UTL exceedances suggests that the concrete pad is a possible source of zinc, particularly to the north by the access ramp (east of the concrete pad, by the drain valve, there are many samples that do not exceed ESVs/UTLs interspersed with the two that do, as discussed previously), although known site history does not point to a known source of this metal. However, zinc is identified as a final Step 3A COPC for surface soils.

High concentrations of TPH-DRO (in excess of the soil ESV) occurred only in surface soils from sample 78SB01-00, which was located at the drain valve where the stained soils and stressed vegetation have been observed. The ESV exceedance occurred only for the parent sample from this location; concentrations in the field duplicate from this location were well below the ESV. The likely toxic components of TPH, such as benzene, toluene, ethylbenzene, and xylenes (BTEX) and PAHs, did not exceed soil ESVs in any site surface soil sample. Given this, and the very small area potentially impacted (the area of stained soil and stressed vegetation associated with potential

releases from the drain valve encompassed approximately 30 square feet [3 feet by 10 feet], as observed in June 2007), TPH-DRO was not identified as a final Step 3A COPC in surface soils.

For food web exposures, only vanadium exceeded the 95 percent upper confidence level surface soil concentration based on the maximum acceptable toxicant concentration exposure dose (the threshold for an effect in the ERA). However, vanadium concentrations in surface soil are considered consistent with background, as discussed previously. Thus, there are no unacceptable risks to upper trophic level receptors exceeding background levels from this exposure pathway.

In shallow subsurface soil, two metals (copper and vanadium) were identified as Step 3A COPCs for further risk evaluation. However, ecological exposures to these shallow subsurface soils (1 to 3 feet) are typically not significant except in areas where land crabs are present, which is extremely unlikely at this site considering the high elevation, lack of onsite or nearby surface water features, and depth to groundwater (greater than 20 feet).

Vanadium exceeded ESVs and background UTLs in 2 of 37 samples (78SB31-01 and 78SB39-01). Only one of the two UTL exceedances was at a ratio exceeding 2. This occurred at the location for sample 78SB39-01, located just south of the site access road. The surface sample from this location did not exceed background UTLs. Thus, vanadium was not identified as a final Step 3A COPC for this medium.

Copper exceeded ESVs and background UTLs in 4 of 37 samples (78SB08-01, 78SB09-01, 78SB27-01, and 78SB39-01). Only one of the four UTL exceedances was at a ratio exceeding 2. This occurred at the location of sample 78SB27-01, near the location where spools of wire were recently removed. There was no surface sample (0 to 1 foot) for this location. Of the other three samples, only the surface sample at the location of sample 78SB08-01 exceeded ESVs and UTLs. Copper was identified as a final Step 3A COPC based on its exceedance at the location of sample 78SB08-01, which is near a possible source area, and the lack of a surface sample at this location. However, the exposure potential to subsurface soil is very low for the ecological receptors likely to occur at SWMU 78, and any possible impacts would be very limited spatially.

6.6 ERA Summary and Conclusions

In summary, ecological risks (in excess of risks from background concentrations) for surface soil exposures are generally acceptable on a site-wide basis. Only zinc was identified as a final Step 3A COPC, but high magnitude exceedances of the ESV and UTL were few and were spatially limited. The small area (approximately 30 square feet) near the drain valve where stained soils and stressed vegetation were previously observed does not have high concentrations of any sampled chemical except TPH-DRO, which did not exceed its soil ESV in the field duplicate from this location nor were soil ESVs for the likely toxic components of TPH (such as BTEX and PAHs) exceeded in either the parent or duplicate sample from this location. There were no unacceptable risks (in excess of risks for background concentrations) for terrestrial food web exposures.

Ecological risks (in excess of risks for background soil) from shallow subsurface soil exposures are generally acceptable on a site-wide basis. Only copper was identified as a final Step 3A COPC, although the exposure potential to subsurface soils is very low for the ecological receptors likely to occur at SWMU 78, and any possible impacts would be very limited, spatially.

TABLE 6-1

Assessment Endpoints, Risk Hypotheses, and Measurement Endpoints

Full RFI, SWMU 78 - Pole Yard

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Assessment Endpoint	Risk Hypothesis	Measurement Endpoint	Receptor
Terrestrial Habitats			
Survival, growth, and reproduction of terrestrial soil invertebrate communities	Are site-related chemical concentrations in surface soil sufficient to adversely affect soil invertebrate communities?	Comparison of maximum (SERA) and mean (BERA) chemical concentrations in surface soil with soil ESVs	Soil invertebrates
Survival, growth, and reproduction of terrestrial plant communities	Are site-related chemical concentrations in surface soil sufficient to adversely affect terrestrial plant communities?	Comparison of maximum (SERA) and mean (BERA) chemical concentrations in surface soil with soil ESVs	Terrestrial plants
Survival, growth, and reproduction of terrestrial reptile populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to terrestrial reptile populations?	Comparison of maximum (SERA) and mean (BERA) chemical concentrations in surface soil with soil ESVs	Reptiles
		Evidence of potential risk to other upper trophic level terrestrial receptors evaluated in the ERA (birds and mammals used as surrogates)	
Survival, growth, and reproduction of avian terrestrial invertivore (SERA)/ omnivore (BERA) populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to avian receptor populations that may consume soil invertebrates (SERA) or terrestrial plants and soil invertebrates (BERA) from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Pearly-eyed thrasher
Survival, growth, and reproduction of avian terrestrial herbivore populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to avian receptor populations that may consume terrestrial plants from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Common ground dove
Survival, growth, and reproduction of avian terrestrial carnivore populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to avian receptor populations that may consume small mammals from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Red-tailed hawk

TABLE 6-1

Assessment Endpoints, Risk Hypotheses, and Measurement Endpoints

Full RFI, SWMU 78 - Pole Yard

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Assessment Endpoint	Risk Hypothesis	Measurement Endpoint	Receptor
Survival, growth, and reproduction of mammalian terrestrial herbivore (SERA)/ omnivore (BERA) populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to mammalian receptor populations that may consume terrestrial plants (SERA) or terrestrial plants and soil invertebrates (BERA) from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Norway rat
Survival, growth, and reproduction of mammalian terrestrial invertivore (SERA)/ omnivore (BERA) populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to mammalian receptor populations that may consume soil invertebrates (SERA) or small mammals, soil invertebrates, and terrestrial plants (BERA) from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Indian mongoose

SECTION 7

Conclusions and Recommendations

7.1 Conclusions

A review of data collected for SWMU 78 indicates the nature and extent of potential environmental impacts has been defined. The following physical observations made during the Phase I and the Full RFI field investigation, combined with the analytical results presented in Section 4, suggest that any identified releases from the transformer pad (and any other potential source areas) are very limited in extent, and potential environmental risk associated with the limited releases is acceptable.

Stained soil was observed only at a depth of 0 to 1.5 feet at 78SB01, which was collected within the visually impacted area near the drainage valve; however, no notable odors or PID readings exceeding background levels in this sampling interval. PID readings were not measured at levels exceeding background at any boring location, and no other physical evidence of contamination was noted.

The maximum concentrations of total TPH, benzo(a)pyrene, and dibenzo(a,h)anthracene were detected in surface soil from two borings (78SB01 and 78SB03) located near the discharge valve. The lateral and vertical extent of these constituents has been delineated. For example, TPH was detected at a concentration of 8,000 mg/kg in surface soil collected from 78SB01, but the TPH concentration is significantly reduced to 180 mg/kg in the sample collected from the same location at 1 foot below ground surface. This 98% reduction in TPH concentration within one foot of the surface suggests that it is very unlikely that TPH is migrating and that groundwater at 80 foot depth would be impacted. The analytical results for the two borings near the drain valve are also corroborated by physical observations that the area of the stained soil and stressed vegetation associated with potential releases from the drainage valve was relatively small at approximately 30 square feet (3 feet by 10 feet), as observed in June 2007. As a further evaluation, the TPH data from SWMU 78 were compared to ecological screening values developed for TPH fractions by the CCME. Only one exceedance of the CCME residential criteria was identified in the parent surface soil sample collected at 78SB01 (an exceedance was not identified in the duplicate sample from this location). The likely toxic components of TPH, such as BTEX and PAHs, were also quantitatively evaluated under the exposure scenario presented in the quantitative risk assessments and no risk was identified associated with these constituents.

There is no evidence of unacceptable environmental impact from PCBs associated with a release via the discharge valve at SWMU 78. PCBs were banned in 1979 and the concrete pad was built after 1998; therefore, the pad was most likely used to store transformers containing little to no PCBs. Sampling of previously stored transformers indicated that only nine of the 110 transformers contained detectable levels of PCBs in the oil ranging from 1.5 mg/kg to 17 mg/kg, which is less than the 50 mg/kg threshold that identifies PCB-contaminated electrical equipment.

The sampling performed throughout the remainder of SWMU 78 for the Phase I RFI indicate there is little, if any, environmental impact associated with these areas. The SSL comparison as well as the human health and ecological risk assessments demonstrate potential risks to human health and environment are acceptable and there is no leaching concern for groundwater. The SSL data comparison and the depth to groundwater (greater than 80 feet bgs) at the SWMU suggest that there is little potential for the low concentrations of detected soil constituents to adversely impact groundwater beneath SWMU 78. The HHRA concluded that risks are within acceptable target risk ranges for residential and industrial exposure scenarios. Similarly, the ERA concluded that ecological risks (relative to background) are acceptable on a site-wide basis. Therefore, based on the HHRA and ERA findings, it is concluded there are no unacceptable human health or ecological risks associated with SWMU 78.

7.2 Recommendations

Based on the data evaluation and human health and ecological risk assessment results presented herein, it is recommended that no additional sampling be performed and no further action is warranted at SWMU 78. Therefore, it is recommended that a Statement of Basis be prepared recommending Corrective Action Complete without Controls for SWMU 78.

SECTION 8

References

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Appendix A
Field Investigation Information

SUMMARY OF SOIL BORING SPECIFICATIONS
SWMU 78 - POLE YARD
FULL RCRA FACILITY INVESTIGATION REPORT
NAVAL ACTIVITY PUERTO RICO, CEIBA, PUERTO RICO

Soil Boring Designation	Date Installed	Borehole Coordinates		Ground Elevation (ft. datum)	Borehole Depth	
		Northing	Easting		Feet (approx. bgs)	Bottom Elevation (ft. datum)
78SB01	5/31/2008	801439.3	939267.2	NA	12.0	NA
78SB02	5/31/2008	801444.1	939276.4	NA	12.0	NA
78SB03	5/31/2008	801443.0	939255.8	NA	12.0	NA
78SB04	5/31/2008	801450.7	939265.5	NA	12.0	NA
78SB05	5/31/2008	801427.8	939209.4	NA	6.8	NA
78SB06	5/30/2008	801435.0	939280.2	NA	12.0	NA
78SB07	5/30/2008	801426.2	939270.9	NA	12.0	NA
78SB08	5/30/2008	801411.6	939239.3	NA	12.0	NA
78SB09	5/29/2008	801473.8	939308.7	NA	12.0	NA
78SB10	5/29/2008	801472.2	939231.2	NA	12.0	NA
78SB11	5/29/2008	801463.3	939126.6	NA	12.0	NA
78SB12	5/29/2008	801276.7	939245.1	NA	8.0	NA
78SB13	5/29/2008	801209.7	939200.3	NA	6.0	NA
78SB14	5/29/2008	801279.3	939164.2	NA	6.0	NA
78SB15	5/30/2008	801339.5	939253.8	NA	12.0	NA
78SB16	5/29/2008	801338.9	939205.9	NA	12.0	NA
78SB17	4/27/2011	801457.2	939255.1	212.5	5.0	207.5
78SB18	4/27/2011	801454.5	939241.4	212.5	5.5	207.0
78SB21	4/27/2011	801440.3	939287.2	212.3	4.5	207.8
78SB22	4/27/2011	801432.7	939288.4	212.2	8.5	203.7
78SB23	4/27/2011	801459.2	939128.9	211.1	10.0	201.1
78SB24	4/26/2011	801456.6	939096.6	210.8	17.5	193.3
78SB25	4/26/2011	801433.0	939126.8	210.8	10.0	200.8
78SB26	4/26/2011	801456.2	939157.4	211.5	8.0	203.5
78SB27	4/27/2011	801473.3	939240.4	213.1	4.0	209.1
78SB28	4/26/2011	801474.5	939191.9	212.8	3.0	209.8
78SB29	4/26/2011	801459.4	939211.6	212.6	6.5	206.1
78SB30	4/26/2011	801466.0	939321.6	211.1	10.0	201.1
78SB31	4/27/2011	801475.0	939285.5	212.5	3.5	209.0
78SB32	4/27/2011	801459.5	939302.0	211.9	2.0	209.9
78SB37	4/28/2011	801272.1	939142.2	201.0	9.0	192.0
78SB38	4/28/2011	801269.3	939195.8	201.8	6.0	195.8
78SB39	4/28/2011	801293.0	939249.7	201.8	7.0	194.8
78SB40	4/28/2011	801276.4	939262.1	201.7	7.0	194.7
78SB41	4/28/2011	801255.7	939233.8	201.6	4.5	197.1
78SB42	4/28/2011	801245.6	939163.9	200.9	4.0	196.9
78SB46	4/27/2011	801453.8	939274.6	212.3	4.0	208.3
78SB47	4/27/2011	801421.2	939280.8	212.0	11.5	200.5
78SB57	9/27/2011	801424.8	939092.0	210.7	3.0	207.7
78SB58	9/27/2011	801463.2	939069.9	212.5	3.0	209.5
78SB59	9/27/2011	801472.9	939133.1	211.9	3.0	208.9

Notes:
bgs = Below Ground Surface
NA = Not Applicable (no elevation data for soil borings 78SB01 - 78SB16)
Boring coordinates associated with North American Datum (NAD) 1983
Datum plane - Mean Low Water + 100.00 foot as established by the U.S. Navy Survey Section (Nov 1941).

APPENDIX A
2011 FIELD ACTIVITIES

SITE PHOTOGRAPHS

Photo 1. Drilling subcontractor, GeoEnviroTech, Inc., of San Juan, PR
Boring advancement at SWMU 78 – 78SB30. View looking east.

Photo 2. SWMU 78 Laydown Area - proposed soil borings 78SB40 and 78SB41
View looking southeast.

Photo 3. Discarded spools of wire in the southwestern area of the SWMU.
View looking southwest.

Photo 4. Site overview (photo taken near soil boring 78SB23).
View looking southeast.

Photo 5. Concrete pad where transformers were previously stored.
View looking northwest.

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Photo 6. Concrete pad where transformers were previously stored.
View looking northwest.

FIELD LOG NOTEBOOKS

Project Manager – Mark Kimes

25 APRIL, 2011

0730 ARRIVED AT PIT FOR FLIGHT TO SJU VIA CLT.

1515 ARRIVED AT SJU. PICKED UP DRINKS ON WAY TO PALMAS DEL MAR.

MEK

26 APRIL, 2011

0715 ARRIVED AT NAPR. BLDG 1205. UNPACKING COOLERS FROM LAB AND OBTAINING SUPPLIES TO INITIATE SAMPLING AT SWMU 78.

0830 DEPART 1205 FOR 74 JP-5 TO OBTAIN GPS UNIT TO LAYOUT SAMPLING LOCATIONS AT SWMU 78. STAKED OUT UPPER AREA SAMPLING LOCATIONS.

0930 MET UP W/ THE DRILLERS AT THE STAGING AREA. KATIE PERKINS COMPLETED THE H&S BRIEFING W/ ALL ON SITE.

0940 DEPARTED FOR SWMU 78. W/ DRILLERS. PREPARING TO BEGIN SOIL SAMPLING.

1000 COLLECTED SURFACE SOIL SAMPLE 78SB20-00 FROM 0-12" BGS W/ A SS SPOON. SOIL WAS HOMOGENIZED IN BOWL AND PLACED INTO A 2-OZ. WIDE MOUTH GLASS JAR. FOR APPIX METALS ANALYSIS.

1010 COLLECTED SURFACE SOIL SAMPLE 78SB48-00 FROM 0-12" BGS W/ A SS SPOON SIMILAR TO PREVIOUS SAMPLE.

MEK

26 APRIL 2011

1020 COLLECTED SURFACE SOIL SAMPLE 78SB -00 FROM 0-12" BGS W/ A SS SPOON SIMILAR TO PREVIOUS SAMPLE COLLECTIONS.

1030 ASSISTED TRIS MADDEN W/ SOIL BORINGS @ SWMU 78.

1215 → LUNCH BREAK

1300 ↓

1300 STOPPED @ BLDG 1205 TO ASSIST KATIE PERKINS W/ PROCESSING SAMPLES FROM SWMU 74 JP-5 HILL AND DFM AREA.

1715 OFF-SITE.

1635 Collected 78ER01 from a SS spoon for analysis of PAHs and metals.

27 APRIL 2011

0715 ON-BASE. HEADING TO 1205 TO PREPARE FOR SWMU 78 SAMPLING.
INPUT Petro Flag data into Spreadsheet for SWMU 74 and sent the data to the office for review.

0915 DEPART 1205 FOR SWMU 78 TO Locate lower area Sample points. We will need to utilize a 66 DT for some of the points due to concrete and wooden utility poles preventing access w/ the truck rig. We may need to advance some borings by hand auger due to access restrictions.

1045 Return to Bldg. 1205 To Process Samples from SWMU 78.

1200 Depart for SWMU 78 TO collect Field blank and equipment rinsate of macro core liner.

1230 Collected 78ER02 from macro core liner for LL PAH's, DRO, and Metals.

27 April 2011

1245 Collected Field Blank of Lab grade D.I. H_2O for analysis of LL PAHs, DRO, and metals.

1300 Departed for lunch

1330 Returned to Bldg 1205 to pack up Samples for Shipment to Compu Chem.

1545 Fed Ex picked up 2 coolers for Priority Overnight Airbill # 8617 8652 7134.

1550 Returned to SWMU 78 to check all lower bank sampling locations. All boring locations are staked.

1630 Returned to Bldg. 1205. Processed soil samples collected this afternoon from Tris.

1715 OFF-SITE.

MEK

28 April 2011

0715 ARRIVED @ BLDG. 1205 - PREPARING TO COLLECT SAMPLES AT SWMU 78.

0745 DEPARTED TO SWMU 78 TO BEGIN SITE CLEARING SO DRILL RIG CAN ACCESS SAMPLING LOCATIONS W/IN THE WOODED AREA. WILL HARRIS ASSISTED ME W/ THE SITE CLEARING.

0945 COMPLETED SITE CLEARING PREPARING TO COLLECT SURFACE SOIL SAMPLES.

1000 COLLECTED SURFACE SOIL SAMPLE 78SB34-00 FROM 0-12" bgs utilizing a SS spoon. App IX metals analysis requested.

1110 Collected 78SB33-00 from 0-12" bgs utilizing a SS spoon. App IX metals analysis requested.

1120 Collected surface soil sample 78SB44-00 from 0-12" bgs utilizing a SS spoon. App IX metals analysis requested.

1122 Collected Surface Soil Sample 78SB45-00 utilizing a SS spoon. App IX metals analysis requested.

MEK

28 APRIL 2011

1125 Collected surface Soil Sample 78SB43-00 from 0-12" bgs utilizing a SS spoon for app IX metals analysis.

1130 Collected surface soil Sample 78SB35-00 from 0-12" bgs utilizing a SS spoon for App IX metals analysis.

1135 Collected surface Soil Sample 78SB36-00 from 0-12" bgs utilizing a SS spoon for App IX metals analysis.

1145 Proceeded to bldg 1205 to process Samples and pack cooler for Shipment to the lab.

1405 Collected 78ER03 from a SS Spoon for analysis of PAHs and App IX metals.

1415 Continued processing samples and packing cooler.

1515 Fed Ex picked up one cooler for priority overnight delivery to Compu Chem labs. Tracking # 8672 9643 7024

JMEK

1745 OFF-SITE.

JMEK

Project Manager – Tristram Madden

INCH

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

Name

Address

Phone

Project SWMU 78-POLE YARD

Clear Vinyl Protective Slipcovers (Item No. 30) are available for this style of notebook. Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

4/26/11 Sunny, clear, 80's

0715 ARRIVED AT NAPR (TM + MK)

0915 DRILLERS ARRIVED. TRUCK-MTD GEOPROBE → SWMU 78

0950 Set up AT 78SB24. SAMPLE FOR LL PAHs AND METALS.

78SB24

0 ppm 0-6" TOPSOIL DK BR. MOIST CLAYEY SILT

0 ppm 6"-4' GREEN-LIGHT BR, COMPLETELY ~~SAPROLITE~~ WEATHERED ROCK SAMPLED AS SILTY GRAVEL W/ CLAY, DRY

0 ppm 4'-8' GREEN-L. BR, CWR ~~SAPROLITE~~ SAMPLED AS SILTY SAND W/ GRAVEL, DRY

0 ppm 8'-12' SAME, DRY

0 ppm 12'-14' SAME, SILTY GR. W/ SAND, DRY

14'-16.5' RED BROWN, SAPROLITE SAMPLED AS SILTY SAND W/ GRAVEL, DRY

0 ppm 16.5'-17.5' GREY-BR, SAPROLITE SAMPLED AS: SILTY GRAVEL W/ SAND, DRY

17.5' REFUSAL

4/26/11

1010 SAMPLED 0-1'
1015 SAMPLED 1'-3'
1110 SAMPLED 7-9'
1115 COMPLETED BORING

1130 SET UP AT 78SB23. HIT REFUSAL AT 1.5' → MOVED RIG DOWN SLOPE 4'

78SB23

0 ppm 0-4" TOPSOIL, DK-BR, CLAYEY SILT W/ SOME GRAVEL, MOIST
4"-10' LT BR, COMPLETELY WEATHERED ROCK, SAMPLED AS SILTY SAND W/ GRAVEL, DRY
10' REFUSAL

1145 SAMPLED 0-1'
1150 " 1'-3' + Duplicate
1210 " 5-7'
1215 COMPLETED BORING. WENT TO LUNCH.

1305 BACK ON SITE. SET UP AT 78SB25.

4/26/11

78SB25

0 ppm 0-6" TOPSOIL, DK-BR CLAYEY SILT, MOIST
6"-6.5" LT-BR TO GREEN, CWR, SAMPLED AS SILTY SAND W/ GRAVEL. DRY
6.5'-10' GREEN TO GRAY, SAPROLITE SAMPLED AS SILTY SAND W/ GRAVEL, DRY
10' REFUSAL

1320 SAMPED 0-1' + DUP AND MS/MSD
1330 " 1'-3'
1355 " 7'-9'
1400 COMPLETED BORING

1410 SET UP AT 78SB26.

78SB26

0 ppm 0-6" TOPSOIL, DK-BR CLAYEY SILT, W/ GRAVEL, MOIST
0 ppm 6"-4.5' BR TO GREEN, CWR, SAMPLED AS SILTY SAND W/ GRAVEL, DRY

4/26/11

0 ppm 4.5'-8' GREEN TO BR, SAPROLITE SAMPLED AS SILTY SAND w/ GRAVEL, DRY

8' REFUSAL

1415 SAMPLED 0-1
1420 " 1-3
1430 " 5-7
1435 COMPLETED BORING.

1440 SET UP AT 78SB29.

78SB29

0 ppm 0-4" TOPSOIL, DK-BR, CLAYEY SILT w/ GRAVEL, MOIST

4"-4.5' BR TO GREEN, CWR, SAMPLED AS SANDY GRAVEL w/ SILT, DRY

0 ppm 4.5-6.5' BR TO GREEN, CWR, SAMPLED
REC. 36" AS SILTY SAND w/ GRAVEL, DRY

6.5' REFUSAL

1450 SAMPLED 1-3
1510 " " 3-5

4/26/11

1515 COMPLETED BORING

1520 SET UP AT 78SB28

78SB28

0-3' GRAY, CWR SAMPLED AS SANDY GRAVEL w/ SILT, DRY

3' REFUSAL

1530 SAMPLED 1-3
1535 COMPLETED BORING.

1540 RETURNED TO SAMPLE ROOM TO PACK SAMPLES + ADD LABELS.

1635 COLLECTED RINSATE BLANK 78ER01.

1700 OFF SITE

Mark

4/27/11 Cloudy, cool, 70s

0715 On site.

0745 Drillers on site.

0800 Set up on 78SB19. H.A refusal at 1.5', moved up, H.A refusal again at 1.0', moved up - H.A refusal again at 1.0'.

0830 Set up on 78SB18.

78SB18

0-4'
0.0 ppm
REC. 2.5'

0-4" Topsoil. Dk-Lt. clayey SILT w/ gravel, moist

4"-5.5' Brown to grey, CWR sampled as: Silty GRAVEL w/ Sand, dry

4'-5.5'
0.0 ppm
REC. 1.5'

5.5' Refusal

0845 Sampled 0-1'
0910 " 1'-3'
0912 Completed boring.

4/27/11

0915 Set up at 78SB27.

78SB27

0-4'
0 ppm
78" REC.

0-2" Topsoil, Clayey GRAVEL, moist

2"-4' Grey, Silty GRAVEL w/ Sand, dry

4' Refusal

0925 Sampled 0-1'
0930 " 1'-3'
0931 Completed boring

0932 Set up at 78SB46

78SB46

0'-4'
0 ppm
1.2' REC.

0-2" Topsoil, Clayey GRAVEL w/ Sand, moist

2"-4' Grey-br, Silty GRAVEL w/ Sand, dry

4' Refusal

0935 Sampled 0-1'
0936 Completed boring

4/27/11

0940 Set up at 78SB17.

78SB17

0-4' 4.0' rec 0 ppm
0-2" Topsoil, DK-br Clayey GRAVEL w/ Sand, moist
2"-2' Or. br., CWR sampled as Clayey GRAVEL w/ Sand, dry

4-5' 1.0' rec. 0 ppm
2'-5' Grey, CWR, sampled as Silty Sand w/ Gravel, dry
5' Refusal

1000 Sampled 0-1' + DUP AND MS/MSD
1005 " 1'-3' + DUP AND MS/MSD
1010 Completed boring.

1015 Set up at 78SB32. Hit refusal at 1.0', moved. Hit refusal again, ~~moved~~ at 2.0', moved. Hit refusal at 2.0'.

78SB32

0-2' 2' rec 0 ppm
0-2" Topsoil, DK-br. Clayey GRAVEL w/ Sand, moist
2"-2" Grey, CWR sampled as Silty GRAVEL w/ Sand, dry

4/27/11

1045 Sampled 1'-3'
1050 Completed boring

1055 Set up at 78SB31.

78SB31

0-4' 0 ppm 3.5' rec
0-2" Topsoil, DK-br, clayey GRAVEL w/ Sand, moist
2"-2' Grey to br, CWR sampled as Silty GRAVEL w/ Sand, dry
2'-2.5' Or. br, CWR sampled as Gravelly CLAY w/ Sand, dry
2.5'-3.5' Grey, CWR sampled as Silty SAND w/ gravel, dry
3.5' Refusal

1105 Sampled 1'-3'

1110 Set up at 78SB30.

78SB30

0-4' 0 ppm 3.5' rec.
0-1.5' Grey to green, CWR, sampled as Silty SAND w/ gravel, dry
1.5'-10' Grey to green, SAPROLITE, sampled as Silty SAND w/ Gravel, dry

4/27/11

4'-8'	1136	Sampled 1'-3' + DUP AND MS/MSD
4' REC.	1140	" 5-7'
0 ppm	1142	Completed boring.
8'-10'		
3' REC.	1145	Set up at 78SB47.
0 ppm		

78SB47

0-4'	0"-1"	Topsoil, Dk-br. Clayey SILT w/ Gravel, moist
0 ppm		
4' REC.	1"-2.5'	Red-br to green, mottled, ~~Sandy~~ SAPROLITE Clayey SAND w/ Silt, moist
4'-8'	2.5'-7'	Red-br to green, mottled, SAPROLITE sampled as Silty SAND w/ Gravel and Clay, dry
0 ppm		
4' REC		
8'-11.5'	7'-11.5'	Red-br to green, SAPROLITE sampled as Gravelly CLAY, dry
4' REC.		
0 ppm	11.5'	Refusal

1155	Sampled	0-1'
1200	"	1'-3'
1230	"	9-11'
1231	Completed boring	

4/27/11

1205	Sampled 78SB19 0-1',	
	Or-br, CWR, sampled as Clayey SAND w/ Gravel, moist	
1345	Set up at 78SB22.	

78SB22

0-4'	0-1.5'	Red-Br, Clayey Gravel w/ Sand, dry (CWR sampled as)
0 ppm		
4' REC.	1.5'-3'	Grey to green, CWR sampled as: Silty SAND w/ Gravel ~~Clay~~ and Clay
4-8'	3'-8.5'	Grey to green, SAPROLITE sampled as Silty CLAY w/ Sand, dry
0 ppm		
4' REC.		
	8.5'-15'	Grey to green, SAPROLITE sampled as Silty SAND w/ Gravel and Clay, dry
8-12'		
0 ppm		
4' REC.	15'	Refusal
12-15		
4' REC	0 ppm	

1400	sampled	0-1'
1405	"	1'-3'
1425	"	5'-7'
1450	Completed boring	

4/27/11

1455 Set up at 78SB21. Hit refusal at 3', moved over 2'.

78SB21

0-4" 0'-3" Topsoil, DK-br Clayey SILT w/ gravel, moist
0 ppm
3.0' Rec 3"-3.5' Grey to green, SAPROLITE sampled as Silty SAND w/ Gravel and Clay
4'-4.5'
0 ppm 3.5'-4.5' Grey, Andesite? sampled as GRAVEL, dry
6" Rec.
4.5' Refusal

1530 Sampled 0-1'
1535 " 1'-3'
1540 Completed boring.

4/28/11 Sunny, hot, clear, 80's

0715 On site.
0730 Drillers on site.
0820 Set up at 78SB40.

78SB40

0-4' 0-2" Topsoil, DK-br. Clayey SILT, moist
0 ppm
3' Rec. 2"-2' DK-brn sampled as: FILL, Clayey GRAVEL w/ Sand, dry
4-7' 2'-6.5' Green to gray, brn CWR sampled as Silty Sand w Gravel, dry
0 ppm
3.5' Rec. 6.5'-7' Grey, Andesite sampled as GRAVEL, dry
7' Refusal

0840 Sampled 0-1'
0845 " 1-3'
0850 " 3'-5'
0851 Completed boring

0855 Set up at 78SB39.

4/28/11

785B39

0-4' 0-6" Topsoil, dk-br, Clayey SILT
4' Rec. w/ Sand, moist
0 ppm 6"-1.5' FILL sampled as dk-br, Silty CLAY w/ Sand, moist
1.5'-6.5' Green to gray-br, CWR sampled as Silty SAND w/ Clay + Gravel, dry
6.5'-7' Gray, Andesite, sampled as GRAVEL, dry
7' Refusal

0915 Sampled 0-1' + DUP
0920 " 1'-3'
0930 " 5-7'
0935 Completed boring

0932 Set up at 785B41

785B41

0-4' 0'-4" Topsoil, dk-br, Gravelly SILT, dry
0 ppm
4' Rec. 4"-4.5' Green to gray-br, CWR, sampled as Clayey Silt w/ Sand + Gravel, dry
4.5' Refusal

4/28/11

0940 Sampled 0-1'
0945 " 1'-3'
0950 " 3'-5'
0952 Completed boring

0955 Set up at 785B38.

785B38

0'-4' 0-8" Topsoil, dk-br, Gravelly SILT, dry
0 ppm
4' Rec 8"-6' Green to gray, CWR sampled as Silty SAND w/ Clay + Gravel, dry
4-8'
0 ppm 6' Refusal
2' Rec.

1015 Sampled 0-1'
1020 " 1'-3' + DUP
1030 " 3-5'
1035 Completed boring

1055 Set up at 785B37. TRACK-mounted GEOPROBE mobilized to site for SB37 + SB42.

4/28/11

785B37

0-4'
0 ppm
3' Rec.

0-3.5' FILL sampled as: Brown, Clayey Gravel w/ Sand, dry

3.5'-4' Green to gray, CWR, sampled as Silty SAND, dry

4-8'
0 ppm
1' Rec

4'-9' Grey, Andesite sampled as Gravel, dry

9' Refusal

8-12'
0 ppm
1' Rec.

1105 Sampled 0-1' + DUP
1110 " 1'-3'
1115 Completed boring.

1120 Set up at 785B42.

785B42

0'-4'
0 ppm
3' Rec

0'-3.5' FILL sampled as brown, Clayey GRAVEL w/ Sand, dry

3.5'-4' Grey, CWR sampled as: Gravelly SAND, dry

4' Refusal

4/28/11

1135 Sampled 0-1'
1140 " 1'-3'
1145 Completed boring

1200 Off site.

Environmental Geologist – Joe Burawa

(52) 9/25/11 9C Mostly Cloudy 80's

0730 On-site Bldg 1205
Prep for field work @ SWMU 78
Decon seven hand auger buckets
collect rinsate from one.

0915 Mobilize to 9C. Download
data from 74SB723 from overnight
water level this morning at 10.25'

0935 Start Slug Test @ 74SB722
5' slug - Decon with DI and Liquinox
IV = 9.69
T.D. =

0950 Mob to SWMU 78 to conduct
surface soil sampling - Metals
Only. (50 - 56)

0955 Collect 78SB54 mix in pie pan
Hand Auger to 1 foot.
Sand and Silt, some gravel,
loose, med gray brown, shell
fragments, damp.

JHB

Cloudy, 80's 9C 9/25/11 (53)

1010 Collect 78SB53
Hand auger to 1' foot
mix in pie pan
- Sand and Silt, some gravel and
shell fragments, soft, damp.
med. gray brown.

1025 Collect 78SB52
Hand auger to 1' mix in pie pan
Med brown, silty clay, roots
small gravel and shells, damp

1035 Collect 78SB51
Hand auger to 1' mix in pie pan
Dark brown, silty sand, almost
topsoil like, small gravel, damp.

1045 Collect 78SB50
Hand auger to 1' mix in pie pan
Dark brown, silty loam, topsoil
damp, soft

JHB

(54) 9/25/11 9C Cloudy Rain

1055 Collect 78SB55 near access road, Hand auger to 1' mix in pie pan.
Sand and Silt, small gravel and shell fragments, mod hard, damp yellow brown

1110 Collect 78SB56 10' higher in elevation than 55.
Hand auger to 1' mix in pie pan
Sand and clay, some silt, gravel throughout, mod hard greenish brown, damp

1135 Mob to SWMU 9C, switch over slug test @ 74SB722 to rising head.

1200 Return to Bldg 1205, place 78 samples on ice in secure area,
Prep for collecting water levels @ SWMU 70. Help waders, machete etc.

JHB

Mostly Cloudy 80's 9C 9/25/11 (55)

1245 Collect Water Levels @ SWMU 70

	V	TPVC all
70SB46	4.31	
70SB41	4.10	
70SB01	4.62	
70SB15	3.86	
70SB16	5.66	
70SB42	4.78	
70SB43	6.52	
70SB04	2.34	
70SB32	2.60	
70SB38	2.89	
70SB44	1.05	
70SB03	1.85	
70SB45	inaccessible due to water	
70SB02	water over stick up	
70SB24	2.19	
70SB23	1.57	

1515 345 Return to bldg 1205, cool down and take shower.
Help Jay finish up slug tests @ 9C
1610 445 off-site bldg 1205.

JHB

(64) 9/27/11 9C Sunny 80's

Samples collected @ 74SB741
00, 01, 02, 03, 03D
1000 1005 1020 1030

74SB740

0-4' Topsoil, dark brown, moist to 0.1'
3.8' Rec then silty clay with gravel,
<1 (fill), med to dark brown,
<1 stiff, damp to 1.1'
<1 Red clay, stiff, damp, lean
<1 Sandy clay @ 3.0' orange
4-8' brown, soft, gravel,
4' Rec.
<1
<1 weathered rock @ 6.2'
<1 orange brown, harder dry to
<1 moist @ 7.5'
8-12'
4' Rec.
<1 Saprolite @ 8.2', olive green
<1 mod hard, to hard, wet, fractured
2 Sandy clay matrix, No odor
<1 white clay specks throughout

JHB

Sunny 90's 9C 9/27/11 (65)

Samples collected @ 74SB740
00 1100 03
01 1105 03D
02 1120 03 MS
03 MSD
} 1140

→ Take samples back to Room 1205 to pack for FEDEX.
→ Show PJDC boring locations they could not find
- Drillers clean up 9C Area, haul purge water drum to Bldg 38. Lunch Break 1230 - 1300.

1300 Mob to Survey 78 to bore SB57 through SB59 to 3' and collect samples for metals and SVOCs/PAHs.

78SB57
0-3' Silty clay and gravel,
3' Rec brown and gray to 1.0'
<1 the greenish gray saprolite
<1 mod-hard, damp

JHB

(66) 9/27/11 78 Sunny 90's

Collect samples from 78SB57
00 and 01 for Metals
and PAHs 1330, 1340

78SB58

0-3' Sandy/silty clay to 1.5'
3' Rec. Med brown to dark brown
<1 soft, damp to moist at 1.5'
<1 Saprolite, orange brown, white,
Sandy clay matrix, med soft to
med hard, damp.

Samples collected 00, 00D
01, 01D, 01 MS/MSD
for both Metals and PAHS.
1400, 1410

78SB59

0-3' Silty clay to 0.6', med
3' Rec brown, damp to moist, gravelly
<1 0.6 to 1.0' black, peat/wood
<1 dry, then weathered rock and
gravel, greenish gray, hard

JHB

Sunny 90's 78 9/27/11 (67)

Samples collected @ 78SB59
00 and 01 for metals and PAHs
1420 and 1430
After water level start slug test @
74VP6Ab. 5' Slug washed with DI
and liquinox. Falling head test.

Vs for 74-9C @ 1545

	V	
74VP6Aa	15.19	TPVC
74VP6Ab	14.13	TPVC
74SB730	3.58	TPVC
74SB722	9.30	TPVC
74SB723	5.42	TPVC
74VP6Ba	5.22	TPVC
13GW11	8.85	TPVC
13GW07	14.79	TPVC
13GW08	14.06	TPVC
74VP6CaR	14.62	TPVC
74VP6Cb	10.84	TPVC
74SB738	5.40	TPVC
74SB739	5.51	TPVC
13GW09	14.25	TPVC
13GW10	10.80	TPVC

JHB

Environmental Geologist – Jay Oliver

Sunny - 80's

SU - Sept 24, 2011

SWMU 79 water levels

- note that HSA currently high

Well ID	Static	TD
79SB103	27.09	37.30
79SB104	28.77	39.40
79SB105	15.12	38.15
79SB106	24.57	35.75
79SB107	22.79	34.54
79SB108	23.06	35.97

SWMU 80 water levels

Well ID	Static	TD
80SB01	1.65 ~~0.90~~	15.41 ~~15.78~~
80SB02	5.78	16.18
80SB03	3.72	15.90
80SB04	0.90	15.78
80SB05	-.01	15.00
80SB06	2.59	17.14

7th

Mostly Sunny - mid 80's

SWMU 74 9C / 71

SU - Sept 25, 2011

0730 - on site @ Bldg 1205 - begin set-up for day

0830 - Set up for sampling @ SWMU 78 - loading up baggies - checking that all are clean / decanned. Will also collect rinsate on decanned auger.

- will sample the 7 : 8-1 foot of augers in southern portion of the site.

0920 - mobilize to 78 - load up for smaller borings

0935 - Collect ER on site - collect 78 ER ? @ 0935 - need to verify the sample number - Rinsate collected on SS bucket auger - using lab grade DI

0950 - JB on site @ 78 - load up & prepare to move in to get metal samples.

1100 - Continue sampling @ 78 - refer to JB field book for sample descriptions and times for each sample.

1130 - wrap up @ 78 - load back up pull out

1140 - Return to 74 9C - start in on slug testing where JB left off from previous day

1210 - Set long test for slow well - run out for lunch break

78 →

74 9C ↓

Summus 74 9L T - Sept 27, 2011

access for the remainder of the week.

- depart 1205 to head back to 74 9L w/ additional ice for samples.
- Also load up additional coolers to get more ice for shipping.

1200 - JB wrapping up. take samples - will go to Harbor & get more ice for shipping.

1230 - Return to room start prep for shipping

1240 - Ran out for food - stop by 78 check on surveyors.

1300 - Surveyors wrapping up for day - take quick lunch break

1320 - Resume packing / prep for shipping.

1540 - All samples packed moved down the hallway. have total of 5 coolers going to Compuchem on master Airbill # 8736 9347 5743

1545 - Move to 78 to collect EB & FB samples

1600 - on site @ 78

Collect 78ER05 @ 1600 on macrocore liner for metals & PAH with lab grade DI water

Summus 74 9L T - Sept 27, 2011

1615 - Collect field blank 78FB02 @ 1615 using lab grade DI water on site

1700 - after collecting RI / FB - move to Bldg 38 to take Drum inventory & collect IDW sample

have total of 7 Drums - 5 soil and 2 purge / decon water

IDW samples 74IDW02 taken @ 1640 on purge water / decon water composite sample.

- 74 IDW01 taken @ 1850 on soils - composite sample from multiple drums.

1710 - All drums closed up area secured - head back to 1205 to ice samples

1730 - Ices down All samples.

- Note that all drums were labeled with appropriate information - while on site

1830 - wrap up on sample tracking updates for Summus 74 and 78 move to check on JB

1850 - JB complete development of 750-

1900 - outbound night for day

122750 3.5 on site

Environmental Geologist – Adam Gailey

(14) 8-6-11

0715 - Arrive at Building #1205. Prep for day.

0825 - SWMU 78 - Vegetation Survey

- dominant vegetation on site is as follows:

- Leucaena Leucocephala
- Urochloa maxima
- Sporobolus indicus
- Neptunia Plena
- Ipomoea Indica
- Tamarindus indica
- Paspalum millegrana
- Casearia silvestris
- Cynanchum Parviflorum
- Boerhavia Coccinea
- Chloris Ciliata and Dactyloctenium aegyptium

0940 - Depart SWMU 78.

Weather Conditions: Mostly Sunny. Warm - Mid 80's Breezy.

AM 8/6/11

ABA 8/6/11

DATE _____ PROJECT # 8-6-11 WEATHER _____ (15)

0955 - Arrive at SWMU 71

SWMU 71 Vegetation Assessment:

Dominant Vegetation Identified as follows:

- Leucaena Leucocephala
- Urochloa ~~Max~~ Maxima
- Ipomoea Indica
- Sporobolus Indicus
- Chloris Ciliata
- Casearia silvestris
- Bursera Simaruba
- Paullinia Pinnata
- Paspalum millegrana
- Melochia Nodiflora
- Macfadyena Unguis-Cati
- Randia aculeata
- Vigna adenantha
- Acacia farnesiana
- Cocos Nucifera

* Note that these species were identified in the Northern portion of the SWMU - North of the parking lot and Building 2394.

DURABLE DOCUMENTS

SOIL BORING LOGS

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB17

COORDINATES: EAST: 782952.442 NORTH: 146003.684

ELEVATION: SURFACE: 212.5

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 5.0	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1					78SB17-00 + Duplicate & MS/MSD		Topsoil, clayey-gravel w/sand; dark brown; moist	0.2	212.3
2		D-1	4.0 100%		78SB17-01 + Duplicate & MS/MSD	BKG	Completley weathered rock, clayey gravel w/sand; orange-brown; dry	2.0	210.5
3							Completley weathered rock, silty-sand w/gravel; dry		
4	4.0								
5		D-2	1.0 25%			BKG			207.5
6							Refusal at 5.0'		
7									
8									
9									
10									

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB17 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB18

COORDINATES: EAST: 782938.794 NORTH: 146000.912

ELEVATION: SURFACE: 212.5

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 5.5	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
1				78SB18-00		Topsoil, clayey-silt w/gravel; dark brown; moist 0.3	212.2
2	D-1	2.5 63%		78SB18-01	BKG	Completley weathered rock, silty-gravel w/sand; brown to gray; dry	
3							
4							
5	D-2	1.5 38%					207.0
6						Refusal at 5.5'	
7							
8							
9							
10							

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB18 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB21

COORDINATES: EAST: 782984.577 NORTH: 145986.713

ELEVATION: SURFACE: 212.3

Rig:	Geoprobe Truck-Mounted 5400				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 4.5	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
					78SB21-00		Topsoil,clayey-silt w/gravel;dark brown; moist	0.2	212.1
1									
2		D-1	3.0 75%		78SB21-01	BKG	Saprolite, silty-sand w/gravel and clay; gray to green;		
3									
								3.5	208.8
4	4.0						Andesite, gravel; gray; dry		
		D-2	0.5			BKG			207.8
5			13%				Refusal at 4.5'		
6									
7									
8									
9									
10									

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB21 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB22

COORDINATES: EAST: 782985.817 NORTH: 145979.141

ELEVATION: SURFACE: 212.2

Rig:	Geoprobe Truck-Mounted 5400				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 15.0	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1					78SB22-00		Completley weathered rock, clayey-gravel w/sand; red-brown; dry		
								1.5	210.7
2		D-1	4.0 100%		78SB22-01	BKG	Completley weathered rock, silty-sand w/gravel and clay; gray to green; dry		
3								3.0	
4	4.0						Saprolite, silty-clay w/sand; gray to green; dry		
5									
6		D-2	4.0 100%		78SB22-03	BKG			
7									
8	8.0								
								8.5	203.7
9		D-3	4.0 100%			BKG	Saprolite, silty-sand w/gravel and clay; gray to green; dry		
10									

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB22 SHEET 1 OF 2

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

SO NO.: 119197, 31.2 BORING NO.: 78SB22

SAMPLE TYPE	DEFINITIONS
S = Split Spoon A = Auger	SPT = Standard Penetration Test (ASTM D1586)
T = Shelby Tube W = Wash	PID = Photo Ionization Detector Measurement
R = Air Rotary C = Core	MSL = Mean Sea Level
D = Direct Push P = Piston	ps/bg = point source/background

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
11		D-3	4.0 100%			BKG	*Continued from Sheet 1*	
12	12.0							
13		D-4	3.0 75%					
14								
15								97.20
16							Refusal at 15.0'	
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB22 SHEET 2 OF 2

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB23

COORDINATES: EAST: 782826.274 NORTH: 146005.693

ELEVATION: SURFACE: 211.1

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/26/2011	0.0 - 10.0	Sunny, Clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1					78SB23-00		Topsoil, clayey-silt w/ some gravel; dark brown; moist	0.3	210.8
2		D-1	4.0 100%		78SB23-01	BKG	Completely weathered rock Saprolite, silty-sand w/ gravel; light brown; dry		
3									
4	4.0							4.0	207.1
5									
6		D-2	4.0 100%		78SB23-03	BKG			
7									
8	8.0							8.0	203.1
9		D-3	2.0 50%			BKG			
10									201.1
							Refusal at 10.0'		

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB23 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB24

COORDINATES: EAST: 782793.960 NORTH: 146003.042

ELEVATION: SURFACE: 210.8

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/26/2011	0.0 - 17.5	Sunny, Clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
					78SB24-00		Topsoil, clayey-silt; dark brown; moist	0.5	210.3
1							Completley weathered rock, silty-gravel w/clay; green-light brown; dry		
2		D-1	4.0 100%		78SB24-01	BKG			
3									
4	4.0							4.0	206.8
5							Completley weathered rock, silty-sand w/gravel; green-light brown; dry		
6		D-2	4.0 100%			BKG			
7									
8	8.0				78SB24-04			8.0	202.8
9		D-3	4.0 100%			BKG			
10									

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB24 SHEET 1 OF 2

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

SO NO.: 119197, 31.2 BORING NO.: 78SB24

SAMPLE TYPE 210.78

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
ps/bg = point source/background

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
11		D-3	4.0 100%			BKG	*Continued from Sheet 1*	
12	12.0							
13								
14		D-4	4.0 100%			BKG	14.0	196.78
15							Saprolite, silty-sand w/gravel; red-brown; dry	
16	16.0						16.0	194.78
17		D-5	1.5 38%			BKG	Saprolite, silty-gravel w/sand; grey-brown; dry	93.30
18							Refusal at 17.5'	
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB24 SHEET 2 OF 2

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB25

COORDINATES: EAST: 782824.187 NORTH: 145979.406

ELEVATION: SURFACE: 210.8

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/26/2011	0.0 - 10.0	Sunny, Clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1					78SB25-00 +Duplicate & MS/MSD		Topsoil, clayey-silt; dark brown; moist	0.5	210.3
2		D-1	4.0 100%		78SB25-01	BKG	Completley weathered rock, silty-sand w/gravel; light brown to green; dry		
3									
4	4.0								
5									
6		D-2	4.0 100%			BKG			
7							Saprolite, silty-sand w/gravel; green-grey; dry	6.5	204.3
8	8.0				78SB25-04				
9		D-3	2.0 50%			BKG			
10									200.8
							Refusal at 10.0'		

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB25 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB26

COORDINATES: EAST: 782854.768 NORTH: 146002.643

ELEVATION: SURFACE: 211.5

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/26/2011	0.0 - 8.0	Sunny, Clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1					78SB26-00		Topsoil, clayey-silt w/gravel; dark brown; moist	0.5	211.0
2		D-1	4.0 100%		78SB26-01	BKG	Completley weathered rock, silty-sand w/gravel; brown to green; dry		
3									
4	4.0							4.5	207.0
5							Saprolite, silty-sand w/gravel; green to brown; dry		
6		D-2	4.0 100%		78SB26-03	BKG			
7								6.5	205.0
8	8.0								203.5
9							Refusal at 8.0'		
10									

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB26 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB27

COORDINATES: EAST: 782937.736 NORTH: 146019.767

ELEVATION: SURFACE: 213.1

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 4.0	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
				78SB27-00		Topsoil, clayey-gravel; moist 0.2	212.9
1							
2	D-1	2.3 58%		78SB27-01	BKG	Silty-gravel w/sand; gray; dry	
3							
4							209.1
						Refusal at 4.0'	
5							
6							
7							
8							
9							
10							

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB27 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB28

COORDINATES: EAST: 782889.251 NORTH: 146020.962

ELEVATION: SURFACE: 212.8

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/26/2011	0.0 - 3.0	Sunny, Clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
1	D-1	3.0 75%		78SB28-01	BKG	Completley weathered rock, sandy-gravel w/silt; gray; dry	
2							
3							209.8
4						Refusal at 3.0'	
5							
6							
7							
8							
9							
10							

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB28 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB29

COORDINATES: EAST: 782908.994 NORTH: 146005.819

ELEVATION: SURFACE: 212.6

Rig:	Geoprobe Truck-Mounted 5400				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	4/26/2011	0.0 - 6.5	Sunny, Clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1							Topsoil, clayey-silt w/gravel; dark brown; moist	0.3	212.3
2		D-1	4.0 100%		78SB29-01	BKG	Completley weathered rock, sandy-gravel w/silt; brown to green; dry		
3									
4	4.0				78SB29-02			4.5	208.1
5		D-2	3.0 75%			BKG	Completley weathered rock, silty-sand w/gravel; brown to green; dry		
6								6.5	206.1
7							Refusal at 6.5'		
8									
9									
10									

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB29 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB30

COORDINATES: EAST: 783018.963 NORTH: 146012.494

ELEVATION: SURFACE: 211.1

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 10.0	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
1							Completley weathered rock, silty-sand w/gravel; gray to green; dry	
							1.5	209.6
2		D-1	3.5 88%		78SB30-01 + Duplicate & MS/MSD	BKG	Saprolite, silty-sand w/gravel; gray to green; dry	
3								
4	4.0							
5								
6		D-2	4.0 100%		78SB30-03	BKG		
7								
8	8.0							
9		D-3	3.0 75%			BKG		
10								201.1
							End of Boring at 10.0'	

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB30 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB31

COORDINATES: EAST: 782982.836 NORTH: 146021.438

ELEVATION: SURFACE: 212.5

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 3.5	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1						Topsoil, clayey-gravel w/sand; dark brown; moist	0.2	212.3
2	D-1	3.5 88%		78SB31-01	BKG	Completley weathered rock, silty-gravel w/sand; gray to brown; dry	2.0	210.5
3						Completley weathered rock, gravelly-clay w/sand; orange-brown; dry	2.5	210.0
4						Completley weathered rock, silty-sand w/gravel; gray; dry **Refusal at 3.5'**		209.0
5								
6								
7								
8								
9								
10								

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB31 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB32

COORDINATES: EAST: 782999.372 NORTH: 146005.997

ELEVATION: SURFACE: 211.9

Rig:	Geoprobe Truck-Mounted 5400				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 2.0	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
1	D-1	2.0 50%			BKG	Topsoil, clayey-gravel w/sand; dark brown; moist (0.2)	211.7
2				78SB32-01		Completley weathered rock, silty-gravel w/sand; gray; dry	209.9
3						Refusal at 2.0'	
4							
5							
6							
7							
8							
9							
10							

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB32 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB37

COORDINATES: EAST: 782839.616 NORTH: 145818.600

ELEVATION: SURFACE: 201.0

Rig:	Geoprobe Track-Mounted 6610DT				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	4/28/2011	0.0 - 9.0	Sunny, hot, clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1					78SB37-00 + Duplicate		Fill, clayey gravel w/sand; brown; dry		
2		D-1	3.0 75%		78SB37-01	BKG			
3								3.5	197.5
4	4.0						Completley weathered rock,silty-sand; green to gray; dry	4.0	197.0
5							Andesite, gravel; gray; dry		
6		D-2	1.0 25%			BKG			
7									
8	8.0								
9		D-2	1.0 25%			BKG			192.0
10							Refusal at 9.0'		

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB37 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB38

COORDINATES: EAST: 782893.147 NORTH: 145815.747

ELEVATION: SURFACE: 201.8

Rig:	Geoprobe Truck-Mounted 5400				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	4/28/2011	0.0 - 6.0	Sunny, hot, clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
1					78SB38-00		Topsoil, gravelly-silt; dark brown; dry	
							0.7	201.1
2		D-1	4.0 100%		78SB38-01 + Duplicate	BKG	Completley weathered rock, silty-sand w/clay and and gravel; green to gray; dry	
3								
4	4.0				78SB38-02			
5		D-2	2.0 50%			BKG		
6								195.8
							Refusal at 6.0'	
7								
8								
9								
10								

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB38 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB39

COORDINATES: EAST: 782947.056 NORTH: 145839.456

ELEVATION: SURFACE: 201.8

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/28/2011	0.0 - 7.0	Sunny, hot, clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1					78SB39-00 + Duplicate		Topsoil, clayey-silt w/sand; dark brown; moist	0.5	201.3
2		D-1	4.0 100%		78SB39-01	BKG	Fill, silty-clay w/sand; dark brown; moist	1.5	200.3
3							Completley weathered rock, silty-sand w/clay and gravel; green to gray-brown; dry		
4	4.0								
5		D-2	3.0 75%		78SB39-03	BKG			
6								6.5	195.3
7	7.0						Andesite, gravel; gray; dry		194.8
8							Refusal at 7.0'		
9									
10									

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB39 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB40

COORDINATES: EAST: 782959.498 NORTH: 145822.894

ELEVATION: SURFACE: 201.7

Rig:	Geoprobe Truck-Mounted 5400				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	4/28/2011	0.0 - 7.0	Sunny, hot, clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
1					78SB40-00		Topsoil, clayey-silt; dark brown; moist	0.2	201.5
2		D-1	3.0 75%		78SB40-01	BKG	Fill, clayey-gravel w/sand; dark brown; dry	2.0	199.7
3							Completley weathered rock, silty-sand w/gravel; green to gray-brown; dry		
4	4.0				78SB40-02				
5		D-2	3.5 88%			BKG			
6								6.5	195.2
7	7.0						Andesite, gravel; gray; dry		194.7
8							Refusal at 7.0'		
9									
10									

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB40 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB41

COORDINATES: EAST: 782931.205 NORTH: 145802.199

ELEVATION: SURFACE: 201.6

Rig:	Geoprobe Truck-Mounted 5400				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	4/28/2011	0.0 - 4.5	Sunny, hot, clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
					78SB41-00		Topsoil, gravelly-silt; dark brown; dry 0.3	201.3
1								
2		D-1	4.0 100%		78SB41-01	BKG	Completley weathered rock, clayey-silt w/sand and gravel; green to gray-brown; dry	
3								
4	4.0				78SB41-02			
								197.1
5							Refusal at 4.5'	
6								
7								
8								
9								
10								

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB41 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB42

COORDINATES: EAST: 782861.270 NORTH: 145792.093

ELEVATION: SURFACE: 200.9

Rig:	Geoprobe Track-Mounted 6610DT							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/28/2011	0.0 - 4.0	Sunny, hot, clear, 80's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
1					78SB42-00		Fill, clayey gravel w/sand; brown; dry	
2		D-1	3.0 75%		78SB42-01	BKG		
3								
							3.5	197.4
4	4.0						Completley weathered rock, gravelly-sand; gray; dry	196.9
							Refusal at 4.0'	
5								
6								
7								
8								
9								
10								

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB42 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB46

COORDINATES: EAST: 782971.980 NORTH: 146000.246

ELEVATION: SURFACE: 212.3

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 4.0	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
				78SB46-00		Topsoil, clayey-gravel w/sand; moist 0.2	212.1
1							
2	D-1	1.2 30%			BKG	Silty-gravel w/sand; gray; dry	
3							
4							208.3
						Refusal at 4.0'	
5							
6							
7							
8							
9							
10							

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB46 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB47

COORDINATES: EAST: 782978.178 NORTH: 145967.609

ELEVATION: SURFACE: 212.0

Rig:	Geoprobe Truck-Mounted 5400				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	4/27/2011	0.0 - 11.5	Cloudy, cool, 70's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description		Elevation (Ft. Datum)
					78SB47-00		Topsoil, clayey-silt w/gravel;dark brown;moist	0.1	211.9
1									
2		D-1	4.0 100%		78SB47-01	BKG	Saprolite, clayey-sand w/silt; red-brown to green, mottled; moist	2.5	209.5
3									
4	4.0						Saprolite, silty-sand w/gravel & clay; red-brown to green; dry		
5									
6		D-2	4.0 100%			BKG			
7								7.0	205.0
8	8.0						Saprolite, gravelly-clay; red-brown to green; dry		
9		D-3	3.5 88%			BKG			
10					78SB47-05				

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB47 SHEET 1 OF 2

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

SO NO.: 119197, 31.2 BORING NO.: 78SB47

SAMPLE TYPE	DEFINITIONS
S = Split Spoon A = Auger	SPT = Standard Penetration Test (ASTM D1586)
T = Shelby Tube W = Wash	PID = Photo Ionization Detector Measurement
R = Air Rotary C = Core	MSL = Mean Sea Level
D = Direct Push P = Piston	ps/bg = point source/background

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
11	D-3	3.5 88%			BKG	*Continued from Sheet 1*	100.50
12						Refusal at 11.5'	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Tristram Madden

DRILLER: Juan Negron BORING NO.: 78SB47 SHEET 2 OF 2

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB57

COORDINATES: EAST: 939092.03 NORTH: 801424.8

ELEVATION: SURFACE: 210.7

Rig:	Geoprobe Truck-Mounted 5400				Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
	Macro Sampler	Casing	Augers	Core Barrel				
Size (ID)	1-5/8"	--	--	--	9/27/2011	0.0 - 3.0	Sunny, 90's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
1					78SB57-00		Silty clay and gravel; brown and gray	209.7
2		D-1	3.0 100%		78SB57-01	BKG	Greenish/gray saprolite; moistly hard and damp	
3	3.0							207.7
4							End of Boring at 3.0'	
5								
6								
7								
8								
9								
10								

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Joe Burawa

DRILLER: Juan Negron BORING NO.: 78SB57 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB58

COORDINATES: EAST: 939069.9 NORTH: 801463.2

ELEVATION: SURFACE: 212.5

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	9/27/2011	0.0 - 3.0	Sunny, 90's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)	Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
1				78SB58-00			
2	D-1	3.0 100%		78SB58-01	BKG	Sandy/silt clay; medium to dark brown; damp to moist	211.0
3						Saprolite, orange/brown and white, sandy clay matrix damp	209.5
4						End of Boring at 3.0'	
5							
6							
7							
8							
9							
10							

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Joe Burawa

DRILLER: Juan Negron BORING NO.: 78SB58 SHEET 1 OF 1

Baker

Michael Baker Jr., Inc.

TEST BORING RECORD

PROJECT: Naval Activity Puerto Rico SWMU 78 - Pole Yard

PROJ. NO.: 119197, 31.2 BORING NO.: 78SB59

COORDINATES: EAST: 939133.1 NORTH: 801472.9

ELEVATION: SURFACE: 208.9

Rig:	Geoprobe Truck-Mounted 5400							
	Macro Sampler	Casing	Augers	Core Barrel	Date	Progress (Ft.)	Weather	Depth to Water (Ft.)
Size (ID)	1-5/8"	--	--	--	9/27/2011	0.0 - 3.0	Sunny, 90's	
Length	4'	--	--	--				
Type	Acetate	--	--	--				
Hammer Wt.	--	--	--	--				
Fall	--	--	--	--				

Remarks: PID background (BKG) is 0.0.

SAMPLE TYPE

S = Split Spoon A = Auger
T = Shelby Tube W = Wash
R = Air Rotary C = Core
D = Direct Push P = Piston
N = No Sample

DEFINITIONS

SPT = Standard Penetration Test (ASTM D1586)
PID = Photo Ionization Detector Measurement
MSL = Mean Sea Level
BKG/PS = Background/Point Source
ppm = parts per million

Depth (Ft.)		Sample Type & No.	Sample Rec. (Ft.,%)	SPT	Lab ID	PID (ppm)	Visual Description	Elevation (Ft. Datum)
					78SB59-00		Silty clay, medium brown	208.3
1							Brown, damp to moist, gravelly	207.9
2		D-1	3.0 100%		78SB59-01	BKG		
							weathered rock and gravel	
3	3.0							205.9
							End of Boring at 3.0'	
4								
5								
6								
7								
8								
9								
10								

DRILLING CO.: GeoEnviroTech, Inc. BAKER REP.: Joe Burawa

DRILLER: Juan Negron BORING NO.: 78SB59 SHEET 1 OF 1

CHAIN-OF-CUSTODY FORMS

4/28/11
2.2°C jars

CHAIN OF CUSTODY

78-001

20569

Page 1 of 5

CompuChem
a division of Liberty Analytical Corp.

501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier FEDEX 861786527134
Airbill No. 861786527134
Sampling Complete? Y or N

Client/Reporting Information	Project Information
Company Name: Michael Baker Jr., Inc.	Project Name: NAPR
Address: 100 Airside Drive	Sampling Location: Puerto Rico
City: Moon Twp State: PA Zip: 15108	Turnaround time: Standard
Project Contact: Mark Kimes	Batch QC or Project Specific? If Specific, which Sample ID?
Phone #: 412-269-2009	Are aqueous samples field filtered for metals? Y or N
Sampler's Name	Are high concentrations expected? Y or N? If yes, which ID(s)?

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	APP IX VOCs	Low Level PAHs	TPH DRO	TPH GRO	APP IX Metals	APP IX Metals (Dissolved)	pH / Sample Info (Lab Use)
1104175-05	78SB20-00	4/26	1000	SO	1											X		
-06	78SB48-00	4/26	1010	SO	1											X		
-07	78SB49-00	4/26	1020	SO	1											X		
1104179-01	78SB28-01	4/26	1530	SO	1											X		
-02	78SB29-01	4/26	1450	SO	1											X		
-03	78SB29-02	4/26	1510	SO	1											X		
1104177-01	78SB26-00	4/26	1415	SO	2								X			X		
1104176-04	78SB26-01	4/26	1420	SO	2								X			X		
-05	78SB26-03	4/26	1430	SO	2								X			X		
1104177-02	78SB23-00	4/26	1145	SO	2								X			X		

4/28/11

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

* one of two coolers received on 4/28/11 @0919 – see "O" for which containers/IDs were in 4/28/11 cooler. Missing 2nd cooler arrived 4/29/11 @ 0956

Sample Custody

Relinquished by: Mark E. Kimes	Date/Time: 4/27/11 1515	Received by:	Date/Time: * 4/29/11 0956
Relinquished by:	Date/Time:	Received by:	Date/Time:

Subcontact? Y or N If yes, where?
Custody Seal(s) intact? Y or N
On Ice? Y or N
Cooler Temp: 1.3, 2.2 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

78-001 20577

CHAIN OF CUSTODY

CompuChem
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501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier FEDEX
Airbill No.
Sampling Complete? Y or N

Client/Reporting Information

Company Name: Michael Baker Jr., Inc.
Address: 100 Airside Drive
City: Moon Twp State: PA Zip: 15108
Project Contact: Mark Kimes
Phone #: 412-269-2009
Sampler's Name:

Project Information

Project Name: NAPR
Sampling Location: Puerto Rico
Turnaround time: Standard
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Requested Analysis (include method and bottle type)

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	APP IX VOCs	Low Level PAHs	TPH DRO	TPH GRO	APP IX Metals	APP IX Metals (Dissolved)	pH / Sample Info (Lab Use)
1104177-03	78SB23-01	4/26	1150	SO	2								X			X		
-05	78SB23-03	4/26	1210	SO	2								X			X		
-04	78SB23-01D	4/26	1150	SO	2								X			X		
1104177-03	78SB24-00	4/26	1010	SO	2								X			X		
1104177-06	78SB24-01	4/26	1015	SO	2								X			X		
-07	78SB24-04	4/26	1110	SO	2								X			X		
1104177-04	78SB25-00	4/26	1320	SO	2								X			X		
1104177-05	78SB25-00D	4/26	1320	SO	2								X			X		
1104177-04	78SB25-00MS/MSD	4/26	1320	SO	2								X			X		
1104177-08	78SB25-01	4/26	1330	SO	2								X			X		

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:
Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time:	Received by:	Date/Time: 4/29/11 0956
Relinquished by:	Date/Time:	Received by:	Date/Time:
Subcontact? Y or N If yes, where?		Custody Seal(s) intact? Y or N	On Ice? Y or N	Cooler Temp: 1.3, 2.2 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

78-001 24825

CHAIN OF CUSTODY

CompuChem
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501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier FEDEX
Airbill No.
Sampling Complete? Y or N

Client/Reporting Information

Company Name: Michael Baker Jr., Inc.
Address: 100 Airside Drive
City: Moon Twp State: PA Zip: 15108
Project Contact: Mark Kimes
Phone #: 412-269-2009
Sampler's Name:

Project Information

Project Name: NAPR
Sampling Location: Puerto Rico
Turnaround time: Standard
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Requested Analysis (include method and bottle type)

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	APP IX VOCs	Low Level PAHs	TPH DRO	TPH GRO	APP IX Metals	APP IX Metals (Dissolved)	pH / Sample Info (Lab Use)
1104178-09 (12)	78SB25-04	4/26	1355	So	2								X			X		
1104180-01	78ER01	4/26	1635	RI	3			1					X			X		
1104175-01	78SB17-00	4/27	1000	So	2								X	X		X		
1104175-02	78SB17-00D	4/27	1000	So	2								X	X		X		
1104175-01	78SB17-00MS/MSD	4/27	1000	So	2								X	X		X		
1104176-01	78SB17-01	4/27	1010	So	2								X	X		X		
1104176-02	78SB17-01D	4/27	1010	So	2								X	X		X		
1104176-01	78SB17-01MS/MSD	4/27	1010	So	2								X	X		X		
1104175-03	78SB18-00	4/27	0845	So	2								X	X		X		
1104176-03	78SB18-01	4/27	0910	So	2								X	X		X		

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time:	Received by:	Date/Time: 4/29/11 0956
Relinquished by:	Date/Time:	Received by:	Date/Time:

Subcontact? Y or N If yes, where?
Custody Seal(s) intact? Y or N
On Ice? Y or N
Cooler Temp: 1.3, 2.2 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

78-001 21907

CHAIN OF CUSTODY

CompuChem
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501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier FEDEX
Airbill No.
Sampling Complete? Y or N

Client/Reporting Information

Company Name: Michael Baker Jr., Inc.
Address: 100 Airside Drive
City: Moon Twp State: PA Zip: 15108
Project Contact: Mark Kimes
Phone #: 412-269-2009
Sampler's Name:

Project Information

Project Name: NAPR
Sampling Location: Puerto Rico
Turnaround time: Standard
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	APP IX VOCs	Low Level PAHs	TPH DRO	TPH GRO	APP IX Metals	APP IX Metals (Dissolved)					pH / Sample Info (Lab Use)
—	78SB27-00	4/27	0925	So	1											X	did not receive metals 2oz for 78SB27-00 / not needed per Matt Ennis 4/29/11					
1104179-04	78SB27-01	4/27	0930	So	1											X						
1104175-08	78SB46-00	4/27	0935	So	1											X						
1104180-02	78ER02	4/27	1230	RI	5			1					X	X		X						
1104180-03	78FB01	4/27	1245	RI	5			1					X	X		X						
1104179-05	78SB32-01	4/27	1045	So	1											X						
-06	78SB31-01	4/27	1105	So	1											X						
-07	78SB30-01	4/27	1130	So	1											X						
-08	78SB30-01D	4/27	1130	So	1											X						
-07	78SB30-01MS/MSD	4/27	1130	So	1											X						

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:
Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time:	Received by:	Date/Time: 4/29/11 0956
Relinquished by:	Date/Time:	Received by:	Date/Time:
Subcontact? Y or N If yes, where?		Custody Seal(s) intact? Y or N	On Ice? Y or N — Cooler Temp: 1.3, 2.2 °C

Samples stored 60 days after date report mailed at no extra charge.

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78-001 21920

Page 5 of 5

CHAIN OF CUSTODY

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501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier FEDEX
Airbill No.
Sampling Complete? Y or N

Client/Reporting Information

Company Name: Michael Baker Jr., Inc.
Address: 100 Airside Drive
City: Moon Two State: PA Zip: 15108
Project Contact: Mark Kimes
Phone #: 412-269-2009
Sampler's Name:

Project Information

Project Name: NAPR
Sampling Location: Puerto Rico
Turnaround time: Standard
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Requested Analysis (include method and bottle type)

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	APP IX VOCs	Low Level PAHs	TPH DRO	TPH GRO	APP IX Metals	APP IX Metals (Dissolved)	pH / Sample Info (Lab Use)
1104179-09	78SB30-03	4/27	1140	So	1											X		
1104175-04	78SB19-00	4/27	1205	So	2								X	X		X		
1104175-09	78SB47-00	4/27	1155	So	1											X		
1104179-10	78SB47-01	4/27	1200	So	1											X		
√ -11	78SB47-05	4/27	1230	So	1											X		

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:
Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time:	Received by:	Date/Time: 4/29/11 0956
Relinquished by:	Date/Time:	Received by:	Date/Time:
Subcontact? Y or N If yes, where?	Custody Seal(s) intact? Y or N	On Ice? Y or N	Cooler Temp: 1.3, 2.2 °C

Samples stored 60 days after date report mailed at no extra charge.

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78-002 21919

CHAIN OF CUSTODY

CompuChem
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501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier FEDEX
Airbill No. 8672 9643 7024
Sampling Complete? Y or N

Client/Reporting Information

Company Name: Michael Baker Jr., Inc.
Address: 100 Airside Drive
City: Moon Twp State: PA Zip: 15108
Project Contact: Mark Kimes
Phone #: 412-269-2009
Sampler's Name:

Project Information

Project Name: NAPR
Sampling Location: Puerto Rico
Turnaround time: Standard
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	APP IX VOCs	Low Level PAHs	TPH DRO	TPH GRO	APP IX Metals	APP IX Metals (Dissolved)	pH / Sample Info (Lab Use)
1104175-15	78SB21-00	4/27	1530	So	1											X		
1104179-12	78SB21-01	4/27	1535	So	1											X		
1104175-16	78SB22-00	4/27	1400	So	1											X		
1104179-13	78SB22-01	4/27	1405	So	1											X		
↓ -14	78SB22-03	4/27	1425	So	1											X		
1104175-10	78SB39-00	4/28	0915	So	2								X			X		
↓ -11	78SB39-00D	4/28	0915	So	2								X			X		
1104178-13	78SB39-01	4/28	0920	So	2								X			X		
↓ -14	78SB39-03	4/28	0930	So	2								X			X		
1104175-12	78SB40-00	4/28	0840	So	2								X			X		

4/29/11

Lab Use Only

Sample Unpacked By: Jennifer Doer
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:
Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by: Mark E. Kimes — Date/Time: 4/28/11 1500 — Received by: — Date/Time: 4/29/11 0956
Relinquished by: — Date/Time: — Received by: — Date/Time:
Subcontact? Y or N If yes, where? — Custody Seal(s) intact? Y or N — On Ice? Y or N — Cooler Temp: 0.3 °C

Samples stored 60 days after date report mailed at no extra charge.

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CHAIN OF CUSTODY

78-002 21918

CompuChem
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501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier FEDEX
Airbill No.
Sampling Complete? Y or N

Client/Reporting Information	Project Information
Company Name: Michael Baker Jr., Inc.	Project Name: NAPR
Address: 100 Airside Drive	Sampling Location: Puerto Rico
City: Moon Two State: PA Zip: 15108	Turnaround time: Standard
Project Contact: Mark Kimes	Batch QC or Project Specific? If Specific, which Sample ID?
Phone #: 412-269-2009	Are aqueous samples field filtered for metals? Y or N
Sampler's Name	Are high concentrations expected? Y or N? If yes, which ID(s)?

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	APP IX VOCs	Low Level PAHs	TPH DRO	TPH GRO	APP IX Metals	APP IX Metals (Dissolved)	pH / Sample Info (Lab Use)
1104176-12	78SB40-01	4/28	0845	So	2								X			X		
-13	78SB40-02	4/28	0850	So	2								X			X		
1104175-17	78SB33-00	4/28	1110	So	1											X		
-18	78SB34-00	4/28	1000	So	1											X		
-19	78SB35-00	4/28	1130	So	1											X		
-20	78SB36-00	4/28	1135	So	1											X		
1104177-06	78SB37-00	4/28	1105	So	1											X		
1104177-07	78SB37-00D	4/28	1105	So	1											X		
1104179-15	78SB37-01	4/28	1110	So	1											X		
1104175-13	78SB38-00	4/28	1015	So	2								X			X		

Requested Analysis (include method and bottle type)

Lab Use Only

Sample Unpacked By: Jennifer Jones
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time:	Received by:	Date/Time: 4/29/11 0956
Relinquished by:	Date/Time:	Received by:	Date/Time:
Subcontact? Y or N If yes, where?	Custody Seal(s) intact? Y or N	On Ice? Y or N	Cooler Temp: 0.3 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

78-002

20579

CHAIN OF CUSTODY

CompuChem
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501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier FEDEX
Airbill No.
Sampling Complete? Y or N

Client/Reporting Information	Project Information
Company Name: Michael Baker Jr., Inc.	Project Name: NAPR
Address: 100 Airside Drive	Sampling Location: Puerto Rico
City: Moon Twp State: PA Zip: 15108	Turnaround time: Standard
Project Contact: Mark Kimes	Batch QC or Project Specific? If Specific, which Sample ID?
Phone #: 412-269-2009	Are aqueous samples field filtered for metals? Y or N
Sampler's Name	Are high concentrations expected? Y or N? If yes, which ID(s)?

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	APP IX VOCs	Low Level PAHs	TPH DRO	TPH GRO	APP IX Metals	APP IX Metals (Dissolved)					pH / Sample Info (Lab Use)
1104178-14	78SB38-01	4/28	1020	So	2								X			X						
-15	78SB38-01D	4/28	1020	So	2								X			X						
-16	78SB38-02	4/28	1030	So	2								X			X						
1104175-14	78SB41-00	4/28	0940	So	2								X			X						
1104178-17	78SB41-01	4/28	0945	So	2								X			X						
1104179-18	78SB41-02	4/28	0950	So	2								X			X						
1104177-08	78SB42-00	4/28	1135	So	1											X						
1104179-16	78SB42-01	4/28	1140	So	1											X						
1104177-09	78SB43-00	4/28	1125	So	1											X						
-10	78SB44-00	4/28	1120	So	1											X						

Lab Use Only

Sample Unpacked By: Jennifer Doyle
Sample Order Entry By: [illegible]
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time:	Received by:	Date/Time: 4/29/11 0956
Relinquished by:	Date/Time:	Received by:	Date/Time:

Subcontact? Y or N If yes, where?
Custody Seal(s) intact? Y or N
On Ice? Y or N
Cooler Temp: 0.3 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

78-002 22623

CHAIN OF CUSTODY

Page 4 of 4

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Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

Courier FEDEX
Airbill No.
Sampling Complete? Y or N

Client/Reporting Information

Company Name: Michael Baker Jr., Inc.
Address: 100 Airside Drive
City: Moon Twp State: PA Zip: 15108
Project Contact: Mark Kimes
Phone #: 412-269-2009
Sampler's Name:

Project Information

Project Name: NAPR
Sampling Location: Puerto Rico
Turnaround time: Standard
Batch QC or Project Specific? If Specific, which Sample ID?
Are aqueous samples field filtered for metals? Y or N
Are high concentrations expected? Y or N? If yes, which ID(s)?

Matrices

GW - Ground water
WW - Waste water
SW - Surface water
SO - Soil/Sediment
TB - Trip Blank
RI - Rinsate
WP - Wipe
O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	APP IX VOCs	Low Level PAHs	TPH DRO	TPH GRO	APP IX Metals	APP IX Metals (Dissolved)					pH / Sample Info (Lab Use)
1104177-11	78SB45-00	4/28	1122	SO	1											X						
1104180-04	78ER03	4/28	1405	RI	3			1					X			X						

Lab Use Only

Sample Unpacked By: Jennifer Jones
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time:	Received by:	Date/Time: 4/29/11 0986
Relinquished by:	Date/Time:	Received by:	Date/Time:

Subcontact? Y or N If yes, where?
Custody Seal(s) intact? Y or N
On Ice? Y or N
Cooler Temp: 0.3 °C

Samples stored 60 days after date report mailed at no extra charge.

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CHAIN OF CUSTODY

501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

25126

Page 1 of 2

Courier: Fed Ex
Airbill No. 8736 9347 5754
Sampling Complete? Y or N

Client/Reporting Information	Project Information
Company Name: Michael Baker Jr. Inc.	Project Name: GWMU 78
Address: 100 Airside Dr.	Sampling Location: NAPR Ceiba, PR
City: Moon Township State: PA Zip: 15108	Turnaround time:
Project Contact: Mark Kimes	Batch QC or Project Specific? If Specific, which Sample ID?
Phone #: 412-269-2009	Are aqueous samples field filtered for metals? Y or N
Sampler's Name:	Are high concentrations expected? Y or N? If yes, which ID(s)?

Requested Analysis (include method and bottle type): App IX Metals (total); App IX LL PAH

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	App IX Metals (total)	App IX LL PAH	pH / Sample Info (Lab Use)
1109113-01	78SB50-00	9/25/11	1045	SO	1							1		
-02	78SB51-00	9/25/11	1035	SO	1							1		
-03	78SB52-00	9/25/11	1025	SO	1							1		
-04	78SB53-00	9/25/11	1010	SO	1							1		
-05	78SB54-00	9/25/11	0955	SO	1							1		
-06	78SB55-00	9/25/11	1055	SO	1							1		
-07	78SB56-00	9/25/11	1110	SO	1							1		
1109113-08	78SB57-00	9/27/11	1330	SO	2							1	1	
-09	78SB57-01	9/27/11	1340	SO	2							1	1	
-10	78SB58-00	9/27/11	1400	SO	2							1	1	

Lab Use Only

Sample Unpacked By: [signature]
Sample Order Entry By: [signature]
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by: [signature]	Date/Time: 9/28/11 1545	Received by: [signature]	Date/Time: 9/29/11 1002
Relinquished by:	Date/Time:	Received by:	Date/Time:

Subcontact? Y or N If yes, where?
Custody Seal(s) intact? Y or N
On Ice? Y or N
Cooler Temp: 1.8, 1.1 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

IR GUN: SN0010

CompuChem
A Division Of
Liberty Analytical Corp.

CHAIN OF CUSTODY

501 Madison Ave.
Cary, NC 27513
Phone: 919-379-4100 Fax 919-379-4040

25127

Page 2 of 2

Courier: Fed Ex
Airbill No.: 8736 9347 5754
Sampling Complete? Y or N

Client/Reporting Information	Project Information
Company Name: M. Baker Jr. Inc	Project Name: SWMU 78
Address: 100 Airside Dr.	Sampling Location: NAPR, Ceiba PR
City: Moon Township State: PA Zip: 15108	Turnaround time
Project Contact: Mark Kimes	Batch QC or Project Specific? If Specific, which Sample ID?
Phone #: 412-269-2009	Are aqueous samples field filtered for metals? Y or N
Sampler's Name	Are high concentrations expected? Y or N? If yes, which ID(s)?

Requested Analysis (include method and bottle type): App IX Metals (total); App IX LL PAH

Matrices: GW - Ground water; WW - Waste water; SW - Surface water; SO - Soil/Sediment; TB - Trip Blank; RI - Rinsate; WP - Wipe; O - Other

CompuChem No (Lab Use)	Field ID	Collection Date	Collection Time	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	MEOH	Other	App IX Metals (total)	App IX LL PAH	pH / Sample Info (Lab Use): metals pH
1109113-11	78SB58-00D	9/27/11	1400	SO	2							1	1 ← this PAH DUP not needed per Shannon	
-12	78SB58-01	9/27/11	1410	SO	2							1	1	
-13	78SB58-01D	9/27/11	1410	SO	2							1	1 ← Keep this dup for both MTL & PAH per Shannon	
-12	78SB58-01 MS/MSD	9/27/11	1410	SO	2							1	1	
-14	78SB59-00	9/27/11	1420	SO	2							1	1	
-15	78SB59-01	9/27/11	1430	SO	2							1	1	
1109114-01	78ER04	9/25/11	0935	RI	1			1				1		<2
-02	78ER05	9/27/11	1600	RI	3			1				1	2	<2
-03	78FB02	9/27/11	1615	O	3			1				1	2	<2

Lab Use Only

Sample Unpacked By:
Sample Order Entry By:
Samples Received in Good Condition? Y or N
If no, explain:

Cyanide samples checked for sulfide & chlorine? Y or NA
625 & Phenol samples checked for chlorine? Y or NA
608 samples checked for pH between 5.0-9.0? Y or NA

Comments

Sample Custody

Relinquished by:	Date/Time: 9/28/11 1545	Received by:	Date/Time: 9/29/11 1202
Relinquished by:	Date/Time:	Received by:	Date/Time:

Subcontact? Y or N If yes, where?
Custody Seal(s) intact? Y or N
On Ice? Y or N
Cooler Temp: 1.8, 1.1 °C

Samples stored 60 days after date report mailed at no extra charge.

White & Yellow copy to lab • Pink copy for customer

1KGUN.SN0010

IDW DISPOSAL DOCUMENTATION

Aqua Clean Ships Caribe Inc.

Marine Waste Environmental Solutions
P.O. Box 16634
San Juan, Puerto Rico 00908-6634
Tel. 787-729-0881 Fax: 787-724-1714
E-Mail: aquaclean@caribe.net • aquacleanshipscaribe.net

DATE: August 11, 2011

NO 3676

TRUCK: 2

PO #:

JCA-SR-65-0361

TRANSPORTER ID NUMBER:

CSP-TCE-565

SHORT FORM OF BILL OF LADING
NON HAZARDOUS WASTE REMOVAL MANIFEST
ANNEX II & III OF MARPOL 73/78

SHIP / GENERATOR'S NAME: Naval Activity Puerto Rico

LOCATION: Roosevelt Roads Station, Ceiba, PR

AGENT: AES Environmental, LLC

COMPANY:

REMARKS:

QUANTITY	PRODUCT	CLASS PG	SPECIAL WASTE MANIFEST REFERENCE NO.
	WASTE BUNKER FUEL SLUDGE		
	OILY BILGE WATER		
	GRAY AND BLACK WATER (SEWAGE)		
	HEAVY SLUDGE / OILY RAGS		
	PHOTO WASTE (NON HAZARDOUS)		
	COOKING OIL		
31 -55DM	IDW Soil	NONE	EL COQUI LANDFILL HUMACAO, PR
12 -55DM	Dicon Water	NONE	Pedro Los Valles Landfill Peñuelas, PR
	SUPPLIES		
1	Roll Off Truck / 40CY Container		
1	Box Truck w/ Liftgate		

1 TRUCK ARRIVAL 1110 HR START TRANSFER 1225 HR FINISH TRANSFER 1130 HR TOTAL HR INCLUDING TRAVEL TIME ____ HR

2 TRUCK ARRIVAL ____ HR START TRANSFER ____ HR FINISH TRANSFER ____ HR TOTAL HR INCLUDING TRAVEL TIME ____ HR

3 TRUCK ARRIVAL ____ HR START TRANSFER ____ HR FINISH TRANSFER ____ HR TOTAL HR INCLUDING TRAVEL TIME ____ HR

4 TRUCK ARRIVAL ____ HR START TRANSFER ____ HR FINISH TRANSFER ____ HR TOTAL HR INCLUDING TRAVEL TIME ____ HR

5 TRUCK ARRIVAL ____ HR START TRANSFER ____ HR FINISH TRANSFER ____ HR TOTAL HR INCLUDING TRAVEL TIME ____ HR

6 TRUCK ARRIVAL ____ HR START TRANSFER ____ HR FINISH TRANSFER ____ HR TOTAL HR INCLUDING TRAVEL TIME ____ HR

SIGNATURE & RANK OF SHIP'S OFFICER	SHIP'S STAMP	SIGNATURE OF AQUA CLEAN SHIPS REP.

WHITE COPY - OFFICE YELLOW COPY - SHIP PINK COPY - FILE
REVISED MAY 2010

NON - HAZARDOUS WASTE TRANSPORTATION/ACCEPTANCE DOCUMENT

DATE September 29, 2011

TO:
PEÑUELAS VALLEY LANDFILL
Carr. 385 KM 4.5 Barrio Tallaboa
Peñuelas, Puerto Rico 00624
1-787-836-3535

FACILITY PERMIT NO. IDF-57-0020

FROM:
Naval Activity Puerto Rico
Roosevelt Roads Station,
Ceiba, PR

P.O. NO.

No. of Units & Container Type	DESCRIPTION AND CLASSIFICATION OF WASTE MATERIAL	Waste Profile Sheet Code	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
54 -55DM	Soil Cut From Borehole	1032 45PR	27000 P			
12 -55DM	Well Development Water	1032 42PR	660g			

GENERATOR'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the Commonwealth of P.R. The waste described above were consigned to the Transporter named. The Treatment, Storage or Disposal Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S SIGNATURE	TITLE	DATE SHIPPED (MO. DAY YR.)	EXPECTED ARRIVAL DATE (MO. DAY YR.)
[signature]	Env Eng	09 29 11	
TRANSPORTER SIGNATURE	**COMPANY NAME**	**VEHICLE ID. NO.**	**DATE RECEIVED (MO. DAY YR.)**
Jose Nunez	Aqua Clean	RF 11046 DT1U400068-0	09 29 11
FACILITY SIGNATURE			**DATE RECEIVED**

Appendix B
Laboratory Analytical Results and Data Validation Summary Reports

Table B-1
NAPR SWMU-78 Full RFI
Surface Soil
Raw Data

Station ID	78SB17		78SB18	78SB19	78SB20	78SB21	78SB22	78SB23	78SB24	78SB25		78SB26	78SB33	78SB34	78SB35	78SB36	78SB37		78SB38	78SB39	
Sample ID	78SB17-00	78SB17-00D	78SB18-00	78SB19-00	78SB20-00	78SB21-00	78SB22-00	78SB23-00	78SB24-00	78SB25-00	78SB25-00D	78SB26-00	78SB33-00	78SB34-00	78SB35-00	78SB36-00	78SB37-00	78SB37-00D	78SB38-00	78SB39-00	78SB39-00D
Sample Date	04/27/11	04/27/11	04/27/11	04/27/11	04/26/11	04/27/11	04/27/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11
Chemical Name																					
Semivolatile Organic Compounds (UG/KG)																					
2-Methylnaphthalene	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	4.95 U	2.28 UJ	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U
Acenaphthene	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	0.803 J	1.85 J	5.07 U	5.12 U	1 J	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U
Acenaphthylene	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	4.95 U	2.28 UJ	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U
Anthracene	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	1.27 J	8.3 J	5.07 U	5.12 U	3.49 J	NA	NA	NA	NA	NA	NA	4.65 UJ	2.43 U	2.42 U
Benzo(a)anthracene	5.59 J	5.76 J	6.95 J	18.4	NA	NA	NA	19.5 J	167 J	5.07 U	5.12 U	53.9 J	NA	NA	NA	NA	NA	NA	4.65 R	9.15 J	2.92 J
Benzo(a)pyrene	9.56 J	10.2	10.5 J	20.4	NA	NA	NA	16.7 J	140 J	5.07 U	5.12 U	49.9 J	NA	NA	NA	NA	NA	NA	4.65 R	15.6 J	4.73 J
Benzo(b)fluoranthene	8.49 J	11.3	10.5 J	25.3	NA	NA	NA	27.6 J	185 J	5.07 U	5.12 U	61.1 J	NA	NA	NA	NA	NA	NA	4.65 R	34.4 J	12.4 J
Benzo(g,h,i)perylene	130 J	113 J	93.7	24.2	NA	NA	NA	23.8 J	71.8 J	5.07 U	5.12 U	91.1 J	NA	NA	NA	NA	NA	NA	27.4 J	14.3 J	4.67 J
Benzo(k)fluoranthene	6.57 J	6.98 J	6.97 J	21.6	NA	NA	NA	21.2 J	149 J	5.07 U	5.12 U	51.6 J	NA	NA	NA	NA	NA	NA	4.65 R	21.3 J	6.53 J
Chrysene	7.65 J	8.76 J	9.32 J	21.4	NA	NA	NA	25.1 J	181 J	5.07 U	5.12 U	60.7 J	NA	NA	NA	NA	NA	NA	6.72 J	17 J	6.01 J
Dibenz(a,h)anthracene	2.78 J	4.83 J	4.08 J	5.58 J	NA	NA	NA	5.55 J	34.4 J	5.07 U	5.12 U	10.2 J	NA	NA	NA	NA	NA	NA	4.65 R	5.79 J	4.85 U
Fluoranthene	5.79 J	7.71 J	7.9 J	21.5	NA	NA	NA	28.2	209 J	5.07 U	5.12 U	68.8	NA	NA	NA	NA	NA	NA	4.65 UJ	6.53 J	6.57 J
Fluorene	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	4.95 U	0.786 J	5.07 U	5.12 U	0.839 J	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U
Indeno(1,2,3-cd)pyrene	15.4 J	17.2	13.4	17.6	NA	NA	NA	22.5 J	108 J	5.07 U	5.12 U	61.2 J	NA	NA	NA	NA	NA	NA	4.65 R	17.3 J	5.32 J
Naphthalene	4.62 U	2.21 U	2.6 U	2.45 U	NA	NA	NA	4.95 U	2.28 UJ	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U
Phenanthrene	1.42 J	1.93 J	2.39 J	3.4 J	NA	NA	NA	12.6	53.9 J	5.07 U	5.12 U	24.1	NA	NA	NA	NA	NA	NA	4.65 UJ	1.14 J	2.13 J
Pyrene	17.1 J	7.73 J	8.36 J	18.4	NA	NA	NA	74.5 J	285 J	5.07 U	5.12 U	157 J	NA	NA	NA	NA	NA	NA	4.65 R	15.1	7.33 J
Total Metals (MG/KG)																					
Antimony	0.485 R	0.49 R	0.467 R	0.5 R	0.49 R	0.485 R	0.472 R	0.476 R	NA	0.49 R	0.495 R	0.472 R	0.467 R	0.495 R	0.495 R	0.467 R	0.481 R	0.481 R	0.495 R	0.5 R	0.495 R
Arsenic	0.724 J	1.45	1.23	1.37	1.52	1.86	1.05	1.39 J	1.83 J	0.444 J	0.411 J	0.865 J	19.8	2.25	29.8	1.96	1.11 J	1.09 J	3.28	0.413 J	0.669 J
Barium	69.2 J	122 J	130	149	114	140	81	150 J	147 J	284 J	141 J	76.6 J	113	97.6	86.3	79.6	105 J	98.7 J	63	118 J	327 J
Beryllium	0.22 J	0.398 J	0.317 J	0.214 J	0.219 J	0.519	0.156 J	0.292 J	0.327 J	0.346 J	0.401 J	0.244 J	0.22 J	0.198 J	0.304 J	0.237 J	0.307 J	0.331 J	0.188 J	0.304 J	0.422 J
Cadmium	0.511	0.614	0.46 J	0.577	0.883	0.491	0.178 J	0.346 J	0.394 J	0.31 J	0.376 J	0.31 J	0.423 J	0.629	0.568	0.523	0.189 J	0.234 J	0.305 J	0.278 J	1.5 J
Chromium	11.4	20.7	17.7	22.8	22.8	39.1	12.7	24.9 J	19.6 J	13.2 J	13.8 J	30.4 J	38.8	25.6	52	18.3	43.5 J	20.3 J	16.4	22.2	27.3
Cobalt	18.3	22.7	18.8	19.5	21.6	36.2	22.3	19.4 J	17.4 J	22.9 J	16.9 J	16.9 J	23.1	21.5	12.2	16.9	24.8 J	24.4 J	17.2	23	29.3
Copper	32.4 J	116 J	96.6	58	104	113	76.9	63.5 J	77.3 J	11.2 J	10.2 J	82.1 J	113	83.7	141	67.8	86.6 J	87.8 J	46.9	162	116
Lead	16.7 J	33.2 J	34.6 J	39.9 J	71.1 J	88.4 J	1.02 J	13.3 J	27.1 J	0.916 J	0.967 J	16.4 J	36 J	48 J	12 J	16.4 J	2.32 J	2.88 J	5.85 J	1.4 R	10.3 R
Mercury	0.013 J	0.0356 J	0.023 J	0.0568	0.0588	0.0276 J	0.0099 U	0.0282 J	0.0201 J	0.0119 U	0.0118 U	0.0298 J	0.0588	0.0486	0.0167 J	0.0322 J	0.0089 J	0.0538	0.0081 J	0.0119 U	0.0305 J
Nickel	9.52 J	12.9 J	11.1 J	15.9 J	11 J	14.5 J	11.2 J	12.7 J	11.1 J	10.5 J	12.3 J	10.5 J	15.9 J	13.2 J	11.1 J	12.8 J	14.8 J	10.6 J	15.5 J	16.9 J	15.9 J
Selenium	0.132 J	0.321 J	0.289 J	0.345 J	0.37 J	0.339 J	0.126 J	0.232 J	0.39 J	0.346 J	0.27 J	0.164 J	0.561 J	0.434 J	0.297 J	0.445 J	0.593 J	0.751 J	0.463 J	0.33 J	0.845 J
Silver	0.0544 J	0.0753 J	0.0676 J	0.25 UJ	0.0426 J	0.0595 J	0.0534 J	0.0549 J	0.0523 J	0.126 J	0.248 UJ	0.239 J	0.0515 J	0.0614 J	0.248 UJ	0.0634 J	0.24 UJ	0.0425 J	0.248 UJ	0.25 UJ	0.0419 J
Thallium	0.115 U	0.0636 U	0.0416 J	0.0478 U	0.0411 U	0.0512 J	0.0585 J	0.0485 J	0.0553 J	0.102 J	0.0251 J	0.0541 J	0.066 J	0.0454 J	0.0458 J	0.057 J	0.0768 J	0.09 J	0.0628 J	0.0312 J	0.0402 J
Tin	2.15 U	2.39 U	2.28 U	1.8 U	2.31 U	2.78 U	1.61 U	1.89 UJ	17.5 J	6.04 UJ	1.8 UJ	2.6 UJ	2.08 U	4.3 U	2.06 U	2.09 U	1.76 UJ	1.82 UJ	1.78 U	1.57 U	6.06 U
Vanadium	110 J	141 J	127 J	147 J	113 J	124 J	211 J	115 J	113 J	91.6 J	88.2 J	104 J	129 J	120 J	87.8 J	102 J	175 J	213 J	115 J	160 J	161 J
Zinc	95.6 J	162 J	147	123	234	612	43.5	101 J	661 J	48 J	44.7 J	95.7 J	106	131	125	71.2	47.4 J	44.1 J	32.3	65.2 R	785 R
Total Petroleum Hydrocarbons ()																					
TPH-diesel range (UG/KG)	2,100 U	2,100 U	2,400 U	2,300 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

#REF!

Notes:

NA - Not analyzed
J - Analyte present, value may or may not be accurate or precise
R - Unreliable Result
U - The material was analyzed for, but not detected
UJ - Analyte not detected, quantitation limit may be inaccurate
MG/KG - Milligrams per kilogram
UG/KG - Micrograms per kilogram

Table B-1
NAPR SWMU-78 Full RFI
Surface Soil
Raw Data

Station ID	78SB40	78SB41	78SB42	78SB43	78SB44	78SB45	78SB46	78SB47	78SB48	78SB49	78SB50	78SB51	78SB52	78SB53	78SB54	78SB55	78SB56	78SB57	78SB58		78SB59
Sample ID	78SB40-00	78SB41-00	78SB42-00	78SB43-00	78SB44-00	78SB45-00	78SB46-00	78SB47-00	78SB48-00	78SB49-00	78SB50-00	78SB51-00	78SB52-00	78SB53-00	78SB54-00	78SB55-00	78SB56-00	78SB57-00	78SB58-00	78SB58-00D	78SB59-00
Sample Date	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/27/11	04/27/11	04/26/11	04/26/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/27/11	09/27/11	09/27/11	09/27/11
Chemical Name																					
Semivolatile Organic Compounds (UG/KG)																					
2-Methylnaphthalene	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	2.8 U	NA	4.5 UJ
Acenaphthene	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	1.8 J	NA	4.5 UJ
Acenaphthylene	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	2.8 U	NA	4.5 UJ
Anthracene	2.25 U	4.52 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	5 J	NA	2 J
Benzo(a)anthracene	4.82 J	4.52 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	96	NA	8.2 J
Benzo(a)pyrene	7.53 J	4.52 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	88	NA	14 J
Benzo(b)fluoranthene	19.9	4.52 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	130	NA	12 J
Benzo(g,h,i)perylene	7.67 J	4.52 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	56	NA	52 J
Benzo(k)fluoranthene	12.9	4.52 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	54	NA	8.7 J
Chrysene	10.7	9.28 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	97	NA	15 J
Dibenz(a,h)anthracene	4.08 J	4.52 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	16	NA	8.9 UJ
Fluoranthene	5.66 J	4.52 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	130	NA	18 J
Fluorene	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	0.97 J	NA	4.5 UJ
Indeno(1,2,3-cd)pyrene	12.3	4.52 R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	69	NA	7.5 J
Naphthalene	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	2.8 U	NA	4.5 UJ
Phenanthrene	1.31 J	0.924 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	35	NA	8.1 J
Pyrene	6.15 J	2.59 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	130	NA	19 J
Total Metals (MG/KG)																					
Antimony	0.495 R	0.476 R	0.49 R	0.5 R	0.5 R	0.481 R	0.232 R	0.49 R	0.476 R	0.472 R	0.624 R	0.655 R	0.578 R	0.59 R	0.544 R	0.59 R	0.589 R	0.559 R	0.656 R	0.61 R	0.526 R
Arsenic	2.51	2.43	1.29 J	5.46 J	51.9 J	6.34 J	8.01	0.181 J	1.22	6.36	2.74 J	0.932 J	1.58 J	3.18 J	5.89 J	102 J	1.06 J	1.09 J	1.07 J	1.37 J	3.58 J
Barium	94.2	40	81 J	70.5 J	92.8 J	58.2 J	166	64.4	138	152	65.4 J	70.6 J	87.7 J	83.6 J	46.9 J	62.7 J	84.5 J	70.4 J	39.5 J	74 J	54.1 J
Beryllium	0.309 J	0.207 J	0.294 J	0.275 J	0.325 J	0.225 J	0.206 J	0.116 J	0.245 J	0.37 J	0.208 J	0.191 J	0.207 J	0.228 J	0.0794 J	0.134 J	0.173 J	0.329 J	0.353 J	0.343 J	0.139 J
Cadmium	0.259 J	0.488	0.254 J	0.527 J	0.279 J	0.236 J	0.697	0.102 J	0.404 J	0.991	0.35 J	0.258 J	0.268 J	0.306 J	0.24 J	0.395 J	0.365 J	0.276 J	0.244 J	0.256 J	0.303 J
Chromium	32	18.3	16.9 J	36.6 J	49.5 R	26.2 R	14.2	11.7	23.1	37.3	22 J	18.4 J	14.6 J	21.8 J	17.4 J	197 J	20.9 J	65.3 J	107 J	79 J	14 J
Cobalt	27.4	15.4	23.4 J	16.4 J	19.3 J	15.2 J	15.8	21.5	19.6	30.4	25.8	19.5	20.4	19.8	9.36	15.3	24.3	34.8	14.8	16.5	12.8
Copper	106	71.9	88.6 J	83.8 J	106 J	79.9 J	133	59.8	73.3	104	72.1	69	63.6	75.9	47.2	116	96.8	41.9	52.9	67.6	34.8
Lead	4.27 J	2.89 J	5.68 J	17.8 J	9.14 J	5.86 J	104 J	0.493 J	47.2 J	157 J	15.6	5.96	3.54	8.43	12.2	12.7	10.8	9.6	24.7 J	47.1 J	5.08
Mercury	0.0207 J	0.0143 J	0.0636	0.0258 J	0.0222 J	0.031 J	0.168	0.011 U	0.0699	0.0983	0.0913	0.0599	0.0291 J	0.0516	0.0394	0.032 J	0.0245 J	0.0303 J	0.0413	0.0302 J	0.0247 J
Nickel	13.2 J	12.3 J	9.59 J	13.4 J	10.9 J	9.35 J	8.31 J	14.4 J	10.3 J	16.1 J	13.7 J	10.1 J	8.92 J	9.88 J	9.14 J	10.9 J	15.8 J	14.5 J	19.2 J	19.7 J	10 J
Selenium	0.496 J	0.439 J	0.319 J	1.04 J	0.959 J	1.09 J	0.174 J	0.151 J	0.53 J	0.757 J	0.861 J	0.72 J	0.632 J	1.02 J	0.718 J	0.407 J	0.386 J	0.878 J	0.892 J	1.11 J	0.387 J
Silver	0.0417 J	0.238 UJ	0.245 UJ	0.25 UJ	0.0423 J	0.24 UJ	0.0957 J	0.245 UJ	0.0438 J	0.136 J	0.312 UJ	0.327 UJ	0.289 UJ	0.295 UJ	0.272 UJ	0.295 UJ	0.294 UJ	0.279 UJ	0.328 UJ	0.305 UJ	0.263 UJ
Thallium	0.0828 J	0.032 J	0.0775 J	0.0715 J	0.104 J	0.0599 J	0.0521 U	0.0198 J	0.0511 U	0.0825 U	0.0474 J	0.0708 J	0.0366 J	0.0464 J	0.0445 J	0.0302 J	0.0474 J	0.047 J	0.0288 J	0.0296 J	0.0174 J
Tin	1.79 U	1.53 U	15.7 J	2.15 UJ	1.98 UJ	2.3 UJ	17.6	1.92 U	2.26 U	2.34 U	2.97 U	2.9 U	2.33 U	2.52 U	2.34 U	1.96 U	2.59 U	1.96 U	4.16 U	7.11 U	2.18 U
Vanadium	172 J	105 J	140 J	106 J	124 J	99.9 J	72.1 J	138 J	122 J	155 J	145 J	127 J	125 J	129 J	59.2 J	86.9 J	146 J	100 J	150 J	143 J	90 J
Zinc	56.7	35.2	37.1 J	76.8 J	52 J	47.2 J	413	38.1	116	263	45 J	46.1 J	50.2 J	54.6 J	28.9 J	66.3 J	59.3 J	29.1 J	187 J	316 J	37.6 J
Total Petroleum Hydrocarbons ()																					
TPH-diesel range (UG/KG)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

#REF!

Notes:

NA - Not analyzed
J - Analyte present, value may or may not be accurate or precise
R - Unreliable Result
U - The material was analyzed for, but not detected
UJ - Analyte not detected, quantitation limit may be inaccurate
MG/KG - Milligrams per kilogram
UG/KG - Micrograms per kilogram

Table B-2
NAPR SWMU-78 Full RFI
Subsurface Soil
Raw Data

Station ID	78SB17		78SB18	78SB21	78SB22		78SB23			78SB24		78SB25		78SB26		78SB27	78SB28	78SB29		78SB30		
Sample ID	78SB17-01	78SB17-01D	78SB18-01	78SB21-01	78SB22-01	78SB22-03	78SB23-01	78SB23-01D	78SB23-03	78SB24-01	78SB24-04	78SB25-01	78SB25-04	78SB26-01	78SB26-03	78SB27-01	78SB28-01	78SB29-01	78SB29-02	78SB30-01	78SB30-01D	78SB30-03
Sample Date	04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11	04/27/11	04/26/11	04/26/11	04/26/11	04/27/11	04/27/11	04/27/11
Chemical Name																						
Semivolatile Organic Compounds (UG/KG)																						
2-Methylnaphthalene	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	2.26 UJ	2.27 U	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	2.26 UJ	2.27 U	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	2.26 UJ	2.27 U	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Anthracene	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	2.04 J	1.31 J	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	4.33 U	4.34 U	4.51 U	NA	NA	NA	24.2 J	2.19 J	4.53 U	87.9 J	33.6	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	4.33 U	4.34 U	4.51 U	NA	NA	NA	19.7 J	3.15 J	4.53 U	114 J	34.2	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	4.33 U	4.34 U	4.51 U	NA	NA	NA	36.3 J	5.02 J	4.53 U	165 J	36.5	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	3.24 J	1.96 J	7.07 J	NA	NA	NA	15.7 J	6.36 J	4.53 U	71.1 J	16.8	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	4.33 U	4.34 U	4.51 U	NA	NA	NA	34.3 J	3.61 J	4.53 U	93.2 J	22.4	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.33 U	4.34 U	4.51 U	NA	NA	NA	40.6 J	3.28 J	4.53 U	169 J	62.7	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	4.33 U	4.34 U	4.51 U	NA	NA	NA	3.33 J	4.36 U	4.53 U	24.2 J	5.64 J	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	1.34 J	4.34 U	1.99 J	NA	NA	NA	12.6 J	3.55 J	4.53 U	57.6 J	31.2	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Fluorene	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	0.715 J	2.27 U	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	6.65 J	4.34 U	7.46 J	NA	NA	NA	21.5	10.1	4.53 U	81.7 J	20.1	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Naphthalene	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.16 U	2.18 U	2.26 U	2.26 UJ	2.27 U	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	2.17 U	2.17 U	2.26 U	NA	NA	NA	2.26 J	1.78 J	2.26 U	9.87 J	13	2.37 U	2.3 U	2.36 U	2.24 U	NA	NA	NA	NA	NA	NA	NA
Pyrene	3.07 J	4.34 U	3.36 J	NA	NA	NA	22 J	4.79 J	4.53 U	173 J	90.4	4.75 U	4.6 U	4.71 U	4.47 U	NA	NA	NA	NA	NA	NA	NA
Total Metals (MG/KG)																						
Antimony	0.495 R	0.485 R	0.467 R	0.476 R	0.495 R	0.495 R	0.472 R	0.472 R	0.495 R	NA	0.495 R	0.495 R	0.476 R	0.476 R	0.485 R	0.5 R	0.49 R	0.5 R	0.485 R	0.476 R	0.5 R	0.49 R
Arsenic	0.398 J	0.416 J	0.5 J	0.436 J	0.473 J	0.381 J	0.654 J	0.824 J	0.687 J	0.539 J	5.41 J	0.547 J	0.935 J	0.52 J	0.673 J	2.18 J	0.725 J	0.581 J	0.679 J	0.207 J	0.25 UJ	0.185 J
Barium	42.1	37.2	38.9	132 J	45.4 J	41.7 J	139	166	33.9	129	59.5	41	19.2	79.1	82.8	21.4 J	35.7 J	52.4 J	95.8 J	90.5 J	113 J	141 J
Beryllium	0.215 J	0.19 J	0.184 J	0.21 J	0.119 J	0.185 J	0.235 J	0.274 J	0.191 J	0.196 J	0.245 J	0.293 J	0.242 J	0.303 J	0.201 J	0.179 J	0.241 J	0.166 J	0.15 J	0.148 J	0.163 J	0.172 J
Cadmium	0.498	0.37 J	0.292 J	0.283 J	0.0946 J	0.184 J	0.303 J	0.271 J	0.202 J	0.248 J	0.186 J	0.342 J	0.237 J	0.341 J	0.222 J	0.238 J	0.0995 J	0.514	0.296 J	0.0619 J	0.067 J	0.0674 J
Chromium	8.69 J	7.6	11.4	14.9 J	11.2 J	12.7 J	9.63	9.82	8.32	10.6	37.5	14.7	8.34	21.1	11.5	12.4 J	20.8 J	19.7 J	15.6 J	10.5 J	11.2 J	11.2 J
Cobalt	15.2 J	15.2	14.1	27.3 J	24 J	31.3 J	19.1	15.8	25.9	14.4	43.9	15.5	18.6	22.9	23.6	59.7 J	12.5 J	16.7 J	22.7 J	21.5 J	22.9 J	22.3 J
Copper	18.1 J	18.9	38.2	54.8 J	63.1 J	84.6 J	48.8	59.5	83.8	58.9	360	16.1	114	51	77	624 J	30.1 J	51.3 J	84.5 J	51.9 J	58 J	13 J
Lead	4.39 J	2.66 J	5.9 J	3.43 J	0.646 J	0.943 J	5.31 J	4.11 J	0.871 J	2.44 J	2.23 J	0.836 J	1.18 J	1.24 J	0.779 J	1.74 J	15.8 J	12.7 J	4.78 J	1 J	1.01 J	0.913 J
Mercury	0.0102 U	0.0103 U	0.0111 U	0.011 U	0.0113 U	0.0113 U	0.0103 U	0.0106 U	0.0102 U	0.0103 U	0.0107 U	0.0106 U	0.01 U	0.0116 U	0.0105 U	0.0099 U	0.0084 J	0.0251 J	0.0092 J	0.0104 U	0.0106 U	0.0114 U
Nickel	7.57 J	7.57 J	9.28 J	11.2 J	12.8 J	19.4 J	7.24 J	6.93 J	14.6 J	6.6 J	28.9 J	6.79 J	11.4 J	10.9 J	17.2 J	40.4 J	10.4 J	10.5 J	12.5 J	13.7 J	14.4 J	13 J
Selenium	1.24 UJ	0.163 J	1.17 UJ	0.126 UJ	0.151 UJ	0.182 UJ	0.136 J	0.314 J	1.24 UJ	0.154 J	0.203 J	0.157 J	0.312 J	0.147 J	1.21 UJ	0.473 UJ	0.305 UJ	0.175 UJ	0.402 UJ	1.19 UJ	1.25 UJ	0.192 UJ
Silver	0.0542 J	0.0658 J	0.0417 J	0.238 UJ	0.248 U	0.0705 J	0.053 J	0.0661 J	0.053 J	0.248 UJ	0.248 UJ	0.0483 J	0.0658 J	0.0451 J	0.0605 J	0.0424 J	0.245 UJ	0.25 UJ	0.243 UJ	0.0527 J	0.0571 J	0.0863 J
Thallium	0.116 J	0.0345 J	0.0253 J	0.0406 J	0.0193 J	0.0208 J	0.0634 J	0.0571 J	0.0731 J	0.0408 J	0.051 J	0.0343 J	0.0213 J	0.0538 J	0.0361 J	0.25 U	0.0645 U	0.0996 U	0.0983 U	0.187 U	0.225 J	0.311 J
Tin	1.94 U	1.9 U	2.07 U	2.04 U	2.1 U	2.39 U	1.95 U	1.59 U	1.31 U	1.88 U	1.55 U	1.79 U	2.13 U	1.81 U	1.88 U	1.96 U	3.86 U	2.3 U	2.15 U	2.44 U	2.35 U	2.26 U
Vanadium	102 J	96 J	113 J	142 J	117 J	186 J	98.7 J	100 J	194 J	92.3 J	276 J	106 J	131 J	117 J	184 J	193 J	98.7 J	116 J	139 J	151 J	156 J	126 J
Zinc	45.7 J	39.8 J	43.2 J	52.1 J	35.6 J	56.9 J	75.1 J	67.2 J	65.6 J	43.2 J	124 J	57 J	37.6 J	42.3 J	55.6 J	79.7 J	31.7 J	93.9 J	51.4 J	47.4 J	47.8 J	53.3 J
Total Petroleum Hydrocarbons ()																						
TPH-diesel range (UG/KG)	2,000 U	2,000 U	2,100 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

#REF!

Notes:

NA - Not analyzed
J - Analyte present, value may or may not be accurate or precise
R - Unreliable Result
U - The material was analyzed for, but not detected
UJ - Analyte not detected, quantitation limit may be inaccurate
MG/KG - Milligrams per kilogram
UG/KG - Micrograms per kilogram

Table B-2
NAPR SWMU-78 Full RFI
Subsurface Soil
Raw Data

Station ID	78SB31	78SB32	78SB37	78SB38			78SB39		78SB40		78SB41		78SB42	78SB47		78SB57	78SB58		78SB59
Sample ID	78SB31-01	78SB32-01	78SB37-01	78SB38-01	78SB38-01D	78SB38-02	78SB39-01	78SB39-03	78SB40-01	78SB40-02	78SB41-01	78SB41-02	78SB42-01	78SB47-01	78SB47-05	78SB57-01	78SB58-01	78SB58-01D	78SB59-01
Sample Date	04/27/11	04/27/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/27/11	04/27/11	09/27/11	09/27/11	09/27/11	09/27/11
Chemical Name																			
Semivolatile Organic Compounds (UG/KG)																			
2-Methylnaphthalene	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U	2.6 U	2.9 U	2.3 U
Acenaphthene	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U	2.6 U	2.9 U	2.3 U
Acenaphthylene	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U	2.6 U	2.9 U	2.3 U
Anthracene	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U	2.6 U	2.9 U	5 J
Benzo(a)anthracene	NA	NA	NA	4.53 U	4.59 U	4.41 U	4.77 U	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	30
Benzo(a)pyrene	NA	NA	NA	4.53 U	4.59 U	4.41 U	4.77 UJ	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	27
Benzo(b)fluoranthene	NA	NA	NA	4.53 U	4.59 U	4.41 U	4.08 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	36
Benzo(g,h,i)perylene	NA	NA	NA	4.53 U	4.59 U	4.41 U	1.99 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	23
Benzo(k)fluoranthene	NA	NA	NA	4.53 U	4.59 U	4.41 U	2.47 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	13
Chrysene	NA	NA	NA	4.53 U	4.59 U	4.41 U	2.34 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	30
Dibenz(a,h)anthracene	NA	NA	NA	4.53 U	4.59 U	4.41 U	4.77 UJ	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	5 J
Fluoranthene	NA	NA	NA	4.53 U	4.59 U	1.4 J	1.71 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	47
Fluorene	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U	2.6 U	2.9 U	0.91 J
Indeno(1,2,3-cd)pyrene	NA	NA	NA	4.53 U	4.59 U	4.41 U	8.05 J	4.27 U	6.9 J	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	22
Naphthalene	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U	2.6 U	2.9 U	2.3 U
Phenanthrene	NA	NA	NA	2.27 U	2.3 U	2.21 U	2.38 U	2.14 U	2.25 U	2.3 U	2.25 U	4.61 U	NA	NA	NA	2.6 U	2.6 U	2.9 U	16
Pyrene	NA	NA	NA	4.53 U	4.59 U	6.56 J	2.71 J	4.27 U	4.5 U	4.6 U	4.5 U	4.61 U	NA	NA	NA	5.1 U	5.3 U	5.8 U	40
Total Metals (MG/KG)																			
Antimony	0.5 R	0.476 R	0.467 R	0.467 R	0.472 R	0.5 R	0.485 R	0.476 R	0.476 R	0.5 R	0.485 R	0.495 R	0.459 R	0.49 R	0.49 R	0.626 R	0.63 R	0.695 R	0.566 R
Arsenic	4.29 J	0.339 J	4.06 J	0.234 UJ	0.16 J	0.237 J	1.53 J	0.297 J	1.06 J	0.52 J	0.625 J	0.336 J	1.95 J	0.245 UJ	0.245 UJ	0.468 J	2.92 J	3.23 J	0.946 J
Barium	65.4 J	36.2 J	62.6 J	34.6	43.6	65.4	91	38.8	101	55.7	64.2	395 J	171 J	43.8 J	40.6 J	313 J	169 J	161 J	126 J
Beryllium	0.274 J	0.126 J	0.214 J	0.176 J	0.211 J	0.106 J	0.306 J	0.202 J	0.262 J	0.146 J	0.0912 J	0.143 J	0.246 J	0.107 J	0.0941 J	0.384 J	0.428 J	0.504 J	0.218 J
Cadmium	0.224 J	0.0941 J	0.204 J	0.143 J	0.0734 J	0.0884 J	0.561	0.192 J	0.246 J	0.188 J	0.201 J	0.356 J	0.191 J	0.0418 J	0.167 J	0.262 J	0.218 J	0.199 J	0.36 J
Chromium	12.4 J	25 J	24 J	12.8	12.6	14.9	14.5	17.7	28.2	28.6	15.9	21.6 J	19 J	11.9 J	12.4 J	14.8 J	19.2 J	22.5 J	18 J
Cobalt	30.8 J	12 J	25.6 J	23.3	26.9	31	29.8	24.3	28.6	27.7	16.1	27.3 J	19.2 J	24.9 J	25.5 J	25.8	19.7 J	38.8 J	14.7
Copper	40.4 J	105 J	95.2 J	85.2	91	94.9	228	199	84.2	165	87.7	114 J	67.5 J	92.8 J	87.7 J	68.8	71.1 J	91	39.9
Lead	0.818 J	1.08 J	6.22 J	0.428 J	0.532 J	0.503 J	2.24 J	1.25 J	1.89 J	0.69 J	0.774 J	0.594 J	1.7 J	0.463 UJ	0.776 J	0.5 J	1.65	2.27	4.41
Mercury	0.0109 U	0.0112 U	0.0457	0.0112 U	0.0293 J	0.0104 U	0.0118 U	0.0105 U	0.0441	0.01 U	0.0102 J	0.0097 U	0.0294 J	0.0105 U	0.0112 U	0.0447	0.0186 U	0.0153 J	0.03 J
Nickel	16.5 J	8.68 J	16 J	20.4 J	20.6 J	23.8 J	15.5 J	14.7 J	15.5 J	25.9 J	11.6 J	19.3 J	13.6 J	12.6 J	12.7 J	22.7 J	11.1 J	19 J	8.09 J
Selenium	0.145 UJ	0.222 UJ	0.728 UJ	0.128 J	0.237 J	0.15 J	0.459 J	1.19 UJ	0.864 J	0.222 J	0.17 J	1.24 UJ	0.527 UJ	1.23 UJ	0.265 UJ	0.441 J	0.534 J	0.691 J	0.417 J
Silver	0.208 J	0.238 UJ	0.234 UJ	0.234 UJ	0.236 UJ	0.25 UJ	0.0427 J	0.238 UJ	0.0416 J	0.25 UJ	0.243 UJ	0.248 U	0.229 U	0.245 UJ	0.245 UJ	0.313 UJ	0.315 UJ	0.348 UJ	0.283 UJ
Thallium	0.0242 J	0.0246 J	0.0631 J	0.0467 J	0.0809 J	0.0528 J	0.0233 J	0.02 J	0.0486 J	0.0284 J	0.0197 J	0.0296 J	0.0379 J	0.0231 J	0.245 U	0.0601 J	0.0543 J	0.348 U	0.042 J
Tin	1.64 U	2.47 U	2.06 U	2.25 U	2.37 U	1.82 U	1.75 U	1.7 U	1.62 U	1.52 U	1.61 U	2.04 U	1.94 U	1.97 U	2.2 U	2.12 U	2.52 U	2.24 U	2.18 U
Vanadium	391 J	92.8 J	153 J	134 J	139 J	157 J	780 J	182 J	172 J	193 J	87.3 J	131 J	112 J	156 J	156 J	117 J	133 J	175 J	89.2 J
Zinc	94.3 J	39.7 J	36.7 J	40.1 J	40.3 J	45.3 J	105 J	73.7 J	37.2 J	66.9 J	33.3 J	41 J	28.6 J	42.4 J	45.7 J	59.2 J	35.4 J	47.9 J	51.4 J
Total Petroleum Hydrocarbons ()																			
TPH-diesel range (UG/KG)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

#REF!

Notes:

NA - Not analyzed
J - Analyte present, value may or may not be accurate or precise
R - Unreliable Result
U - The material was analyzed for, but not detected
UJ - Analyte not detected, quantitation limit may be inaccurate
MG/KG - Milligrams per kilogram
UG/KG - Micrograms per kilogram

APPENDIX C
2011 FULL RFI DATA VALIDATION SUMMARIES

CompuChem SDG# 1104175

DataQual

Environmental Services, LLC

Michael Baker, Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

June 17, 2011
SDG# 1104175, CompuChem
SWMU 78 Pole Yard
NAPR Ceiba, Puerto Rico

Dear Mr. Kimes,

The following Data Validation report is provided as requested for the parameters noted in the table below for SDG # 1104175. The data validation was performed in accordance with the SW-846 methods utilized by the laboratory, the Region II Standard Operating Procedures for the Validation of Organic Data Acquired Using SW-846 Methods (8270D-Rev 4, August 2008- SOP#HW-22) and professional judgment. Region II has not developed a validation checklist SOP for the methods used to assess the inorganic parameters analyzed by SW-846 methods 6020A/7470A/7471A Metals or the organic parameter analyzed by SW-846 method 8015_DRO). Therefore, alternative worksheets were provided. Region II flagging conventions were used. All areas of concern are discussed in the body of the report and a summary of data qualification is provided.

Sample ID	Lab ID	Matrix	SVOA LL PAH	DRO	Metals
78SB17-00	1104175-01	soil	X	X	X
78SB17-00D	1104175-02	soil	X	X	X
78SB18-00	1104175-03	soil	X	X	X
78SB19-00	1104175-04	soil	X	X	X
78SB20-00	1104175-05	soil			X
78SB48-00	1104175-06	soil			X
78SB49-00	1104175-07	soil			X
78SB46-00	1104175-08	soil			X
78SB47-00	1104175-09	soil			X
78SB39-00	1104175-10	soil	X		X
78SB39-00D	1104175-11	soil	X		X
78SB40-00	1104175-12	soil	X		X
78SB38-00	1104175-13	soil			X
78SB41-00	1104175-14	soil	X		X
78SB21-00	1104175-15	soil	X		X
78SB22-00	1104175-16	soil			X
78SB33-00	1104175-17	soil			X
78SB34-00	1104175-18	soil			X
78SB35-00	1104175-19	soil			X
78SB36-00	1104175-20	soil			X
78SB17-00 MS	1104175-01 MS	soil	X	X	X
78SB17-00 MSD	1104175-01 MSD	soil	X	X	X

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The following quality control samples were provided with this SDG: sample 78SB17-00D-field duplicate of sample 78SB17-00; and sample 78SB39-00D-field duplicate of sample 78SB39-00D.

The samples were evaluated based on the following criteria:

- Data Completeness *
- Sample Condition *
- Technical Holding Times *
- GC/MS Tuning *
- GC Performance *
- Initial/Continuing Calibrations *
- ICSA/ICSAB Standards *
- Low Level Quantitation Standards *
- Blanks
- Internal Standards
- Surrogate Recoveries *
- Laboratory Control Samples
- Matrix Spike Recoveries
- Matrix Duplicate RPDs *
- Serial Dilutions
- Field Duplicates
- Identification/Quantitation
- Reporting Limits *
- Tentatively Identified Compounds NA

* - indicates that qualifications were not required based on this criteria

Overall Evaluation of Data/Potential Usability Issues

A summary of qualifications applied to the sample results are noted below for the fractions validated. Specific details regarding qualification of the data are addressed in the Specific Evaluation section of this narrative. If an issue is not addressed there were no actions required based on unmet quality criteria. When more than one qualifier is associated with a compound/analyte the validator has chosen the qualifier that best indicates possible bias in the results and flagged the data accordingly. However, information regarding all quality control issues is provided in the body of the report and on the qualification summary page. *If an issue is not addressed in this narrative there were no actions required based on unmet quality control criteria.*

SVOA

Low internal standard area recoveries resulted in qualifications to the associated compounds in three samples.

One of the laboratory control samples exhibited slightly high recoveries for one compound that resulted in qualify the result as estimated in two of the associated samples.

The associated matrix spike and matrix spike duplicate exhibited non-compliant recoveries for two compounds that resulted in qualifying the corresponding positive results as estimated.

One of the field duplicate pairs exhibited non-compliant recoveries that resulted in qualifications to the data.

DRO

No qualifications to the data were required.

Metals

Blank contamination was noted and qualification was required in the samples in this SDG.

The associated LCS exhibited a recovery below the laboratory QC limits for one analyte. Qualifications were required.

The matrix spikes pair submitted in this SDG exhibited non-compliant recoveries in both the MS and the MSD for several analytes for which qualifications/rejections were required.

The serial dilution analysis exhibited two analytes with %Ds >10% for which qualifications were required.

The field duplicate pairs exhibited analytes with non-compliant RPDs or absolute differences and qualifications/rejections were required.

Specific Evaluation of Data

Data Completeness

The SDG was received complete and intact. Clarification questions regarding the ICSA solution were submitted to the laboratory. An explanation of the QC limits for the ICSA solution was received and on future data packages the laboratory will clarify the QC notation on the ICSA/ICSAB form as a result of the inquiry. A copy of the response is included in the project file.

Technical Holding Times

According to chain of custody records, sampling was performed on 4/26-28/11 and samples were received at the laboratory 4/29/11. All sample preparation and analysis was performed within Region II and/or method holding time requirements.

Blanks

Metals

Associated blanks exhibited contamination as noted in the following table. Only those blanks directly associated with and that resulted in qualification to the samples in this SDG are included in the table.

Blank ID	Analyte	Concentration	Action Level
PBS 1050308-BLK1	tin	1.82J mg/Kg	LOD
ICB – 1E22012-ICB1	antimony	0.246J ug/L	LOD
CCB 1E22012-CCB4	thallium	0.0391J ug/L	LOD

Associated samples and required qualifications are noted in the following table. Results that were reported at concentrations below the LOD were raised to the LOD and flagged U (non-detect).

Sample ID	Analyte	Q Flag
all samples except 78SB46-00	tin	U at LOD
78SB46-00	antimony	U at LOD
78SB17-00, 78SB17-00D, 78SB19-00, 78SB20-00, 78SB48-00, 78SB49-00, 78SB46-00	thallium	U at LOD

Internal Standards

SVOA

The following samples listed in the table below exhibited non-compliant internal standard area recoveries for the standards listed, qualifications were applied as stated. Sample 78SB17-00 was not re-analyzed; however a matrix spike and matrix spike duplicate were analyzed which exhibited similar results. Samples 78SB38-00 and 78SB41-00 were re-analyzed with similar results.

Sample ID	Non-compliant ISTD	Area %	Qualifier
78SB17-00	chrysene-d12	45	J/UJ
	perylene-d12	29	J/UJ
78SB38-00	phenanthrene-d10	41	J/UJ
	chrysene-d12	11	J/R
	perylene-d12	11	J/R
78SB41-00	phenanthrene-d10	34	J/UJ
	chrysene-d12	14	J/R
	perylene-d12	15	J/R

LCS

SVOA

The LCS associated with samples 78SB17-00 exhibited high recoveries for benzo(a)anthracene at 11% (QC limit 50-110%); therefore the positive results in these samples for this compound were qualified as estimated (J).

Metals

The LCS associated with the samples in this SDG exhibited a recovery for nickel (82.7%) that was below the laboratory QC limits (84-117). The reported positive and non-detect results for nickel were qualified as estimated J/UJ in all the field samples.

Matrix Spike

SVOA

The matrix spike and matrix spike duplicate associated with sample 78SB17-00 and duplicate sample 78SB17-00D exhibited non-compliant recoveries for pyrene at 172% and 162% (QC limit 45-125%) and benzo(g,h,i)perylene at -251% and -199% (QC limit 40-125%); therefore the positive results for these compounds were qualified as estimated (J).

Metals

The matrix spike analysis submitted in this SDG exhibited non-compliant %Rs for several analytes, requiring qualification or rejection in the field samples. A summary of these non-compliances and affected samples are noted in the following table. Qualifications were not made unless both spike aliquots exhibited non-compliant recoveries. PDS recoveries were considered when flagging. The associated matrix spike pair analyzed in this SDG (78SB17-00) exhibited non-compliant recoveries for nickel, selenium and silver that were between 10% & 75% and these analytes were flagged as estimated J/UJ in all field samples. The analyte antimony exhibited recoveries less than 10% in this spike pair and in all other spike pairs analyzed for this site (SWMU78). Antimony exhibited an acceptable recovery in the associated PDS and in all PDS spikes associated for this site. Since all pre-digestion spikes for the analyte antimony exhibited recoveries <10% and the post-digestion spikes were acceptable in appears that there is a significant matrix issue associated with this analyte. Therefore, all results for antimony were rejected (+/-) in all field samples. A summary of these non-compliances and affected samples are noted in the following table.

MS/MSD	Analytes	Samples	%R	Q Flag
78SB17-00	antimony	all samples	3.55/3.47	R
	nickel selenium silver		67.4/68.5 71.8/72.9 20.6/19.4	J/UJ

Serial Dilution

Metals

The associated serial dilution analyses of sample 78SB17-00 exhibited four analytes with %Ds >10%. The serial dilution submitted in this SDG exhibited %D >10% for several analytes. Qualifications were required for two of the analytes. Criteria used for qualification as estimated: target analyte concentrations in the samples were >50X the LOD with %Ds > 10% or <50X the LOD with %Ds > 10% and non-compliant PDS recoveries were not acceptable. See the following table for specific information.

SD	Analytes	Samples	%D	Q Flag
78SB17-00	lead vanadium	all samples	20.0 10.6	J/UJ

Field Duplicate

SVOA

Sample 78SB39-00RX and duplicate sample 78SB39-00D exhibited non-comparable RPDs for the compounds listed below, qualifications were applied as stated.

Sample ID	Compound	% RPD	Qualifier
78SB39-00RX, 78SB39-00D	chrysene	96	J
	benzo(b)fluoranthene	94	
	benzo(k)fluoranthene	106	
	benzo(a)pyrene	107	
	indeno(1,2,3-cd)pyrene	106	
	benzo(g,h,i)perylene	102	

Metals

Sample 78SB17-00 and duplicate sample 78SB17-00D exhibited non-compliant RPDs or high absolute differences for the analytes listed below. The results in both samples were qualified as noted. Region II flagging guidelines were applied.

Sample ID	Analyte	% RPD or absolute difference	Qualifier
78SB17-00, 78SB17-00D	barium	55	J
	copper	113	
	lead	66	
	zinc	52	

Sample 78SB39-00 and duplicate sample 78SB39-00D exhibited non-compliant RPDs or high absolute differences for the analytes listed below. The results in both samples were qualified as noted. Region II flagging guidelines were applied.

Sample ID	Analyte	% RPD or absolute difference	Qualifier
78SB39-00, 78SB39-00D	barium	94	J
	cadmium	-1.222	
	lead	152	R
	zinc	169	

Identification/Quantitation

SVOA

Sample 78SB39-00 was rejected in favor of the re-extracted sample, 78SB39-00RX, due to internal standard area recoveries (below 25%). All internal standard area recoveries were within criteria in the re-analysis.

Samples 78SB38-00 and 78SB41-00 were re-analyzed due to non-compliant internal standard area recoveries in the initial analysis. The re-analysis confirmed the non-compliance in the initial analysis and therefore the re-analyses, 78SB38-00RE and 78SB41-00RE, were rejected.

A summary of qualifications required is provided on the following page. Please do not hesitate to contact DataQual ES with any questions regarding this validation report.

Sincerely,

Jacqueline Cleveland

Jacqueline Cleveland
Vice President

Summary of Data Qualifications

SVOA

Sample ID	Compound	Results	Q flag
78SB17-00	all compounds associated with: chrysene-d12 perylene-d12	+/-	J/UJ
78SB38-00, 78SB41-00	all compounds associated with: phenanthrene-d10	+/-	J/UJ
78SB38-00, 78SB41-00	all compounds associated with: chrysene-d12 perylene-d12	+/-	J/R
78SB17-00	benzo(a)anthracene	+	J
78SB17-00 , 78SB17-00D	pyrene benzo(g,h,i)perylene	+	J
78SB39-00RX, 78SB39-00D	chrysene benzo(b)fluoranthene benzo(k)fluoranthene benzo(a)pyrene indeno(1,2,3-cd)pyrene benzo(g,h,i)perylene	+	J
78SB39-00, 78SB38-00RE, 78SB41-00RE	all results	+/-	R

DRO

Sample ID	Compound	Results	Q flag
No qualifications were required			

Metals

Sample ID	Analyte	Results	Q flag
all samples except 78SB46-00	tin	+J	U at LOD
78SB46-00	antimony	+J	U at LOD
78SB17-00, 78SB17-00D, 78SB19-00, 78SB20-00, 78SB48-00, 78SB49-00, 78SB46-00	thallium	+J	U at LOD
all samples	nickel	+/-	J/UJ
all samples	antimony	+/-	R
all samples	nickel selenium silver	+/-	J/UJ
all samples	lead vanadium	+/-	J/UJ

Summary of Data Qualifications

Metals, continued

Sample ID	Analyte	Results	Q flag
78SB17-00, 78SB17-00D	barium copper lead zinc	+	J
78SB39-00, 78SB39-00D	barium cadmium	+	J
	lead zinc	+	R

Glossary of Qualification Flags and Abbreviations

Qualification Flags (Q-Flags)

U	not detected above the reported sample quantitation limit
J	estimated value
UJ	reported quantitation limit is qualified as estimated
N	analyte has been tentatively identified
JN	analyte has been tentatively identified, estimated value
R	result is rejected; the presence or absence of the analyte cannot be verified

Method/Preparation/Field QC Blank Qualification Flags (Q-Flags)

Organic Methods

NA	The sample result for the blank contaminant is greater than the LOD (2X sample LOD for common laboratory contaminants) when the blank value is less than the LOD. The sample result for the blank contaminant is not qualified with any blank qualifiers.
LOD	The sample result for the blank contaminant is less than the LOD (2X sample LOD for common laboratory contaminants) but greater than the MDL when the blank value is less than the LOD. The sample result for the blank contaminant is changed to the LOD and qualified as non-detect U.

Inorganic Methods

ICB/CCB/PB Action:

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD, when the ICB/CCB/PB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the ICB/CCB/PB value when the ICB/CCB/PB value is greater than the LOD.
J -	Sample result is greater than the ICB/CCB/PB value but less than 10X the ICB/CCB/PB value when ICB/CCB/PB value is greater than the LOD.
J/UJ -	Sample result is less than 10X LOD when blank result is below the negative LOD.

Glossary of Qualification Flags and Abbreviations, continued

Field QC Blank action:

Note – Use field blanks to qualify data only if field blank results are greater than prep blank results.

Do not use rinsate blank associated with soils to qualify water samples and vice versa.

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD when the FB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the FB value when the FB value is greater than the LOD.
J -	Sample result is greater than the FB value but less than 10X the FB value when FB value is greater than the LOD.

General Abbreviations

MDL	method detection limit
IDL	instrument detection limit
LOD/RL	Level of Detection//Reporting Limit
LOQ	Level of Quantitation
+	positive result
-	non-detect result

CompuChem SDG# 1104176

DataQual

Environmental Services, LLC

Michael Baker, Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

June 17, 2011
SDG# 1104176, CompuChem
SWMU 78 Pole Yard
NAPR Ceiba, Puerto Rico

Dear Mr. Kimes,

The following Data Validation report is provided as requested for the parameters noted in the table below for SDG # 1104176. The data validation was performed in accordance with the SW-846 methods utilized by the laboratory, the Region II Standard Operating Procedures for the Validation of Organic Data Acquired Using SW-846 Methods (8270D-Rev 4, August 2008- SOP#HW-22) and professional judgment. Region II has not developed a validation checklist SOP for the methods used to assess the inorganic parameters analyzed by SW-846 methods 6020A/7470A/7471A Metals or the organic parameter analyzed by SW-846 method 8015_DRO). Therefore, alternative worksheets were provided. Region II flagging conventions were used. All areas of concern are discussed in the body of the report and a summary of data qualification is provided.

Sample ID	Lab ID	Matrix	SVOA LL PAH	DRO	Metals
78SB17-01	1104176-01	soil	X	X	X
78SB17-01D	1104176-02	soil	X	X	X
78SB18-01	1104176-03	soil	X	X	X
78SB23-01	1104176-06	soil	X		X
78SB23-01D	1104176-07	soil	X		X
78SB23-03	1104176-08	soil	X		X
78SB24-01	1104176-09	soil	X		X
78SB24-04	1104176-10	soil	X		X
78SB25-01	1104176-11	soil	X		X
78SB25-04	1104176-12	soil	X		X
78SB26-01	1104176-04	soil	X		X
78SB26-03	1104176-05	soil	X		X
78SB38-01	1104176-17	soil	X		X
78SB38-01D	1104176-18	soil	X		X
78SB38-02	1104176-19	soil	X		X
78SB39-01	1104176-13	soil	X		X
78SB39-03	1104176-14	soil	X		X
78SB40-01	1104176-15	soil	X		X
78SB40-02	1104176-16	soil	X		X
78SB41-01	1104176-20	soil	X		X
78SB17-01 MS	1104176-01MS	soil	X	X	X
78SB17-01 MSD	1104176-01MSD	soil	X	X	X

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The following quality control samples were provided with this SDG: sample 78SB17-01D -field duplicate of sample 78SB17-01; sample 78SB23-01D-field duplicate of sample 78SB23-01 and sample 78SB38-01D -field duplicate of sample 78SB38-01.

The samples were evaluated based on the following criteria:

• Data Completeness	*
• Sample Condition	*
• Technical Holding Times	
• GC/MS Tuning	*
• GC Performance	*
• Initial/Continuing Calibrations	*
• ICSA/ICSAB Standards	*
• CRDL Standards	*
• Blanks	
• Internal Standards	
• Surrogate Recoveries	*
• Laboratory Control Samples	*
• Matrix Spike Recoveries	
• Matrix Duplicate RPDs	*
• Serial Dilutions	*
• Field Duplicates	
• Identification/Quantitation	
• Reporting Limits	*
• Tentatively Identified Compounds	NA

* - indicates that qualifications were not required based on this criteria

Overall Evaluation of Data/Potential Usability Issues

A summary of qualifications applied to the sample results are noted below for the fractions validated. Specific details regarding qualification of the data are addressed in the Specific Evaluation section of this narrative. If an issue is not addressed there were no actions required based on unmet quality criteria. When more than one qualifier is associated with a compound/analyte the validator has chosen the qualifier that best indicates possible bias in the results and flagged the data accordingly. However, information regarding all quality control issues is provided in the body of the report and on the qualification summary page. *If an issue is not addressed in this narrative there were no actions required based on unmet quality control criteria.*

SVOA

Two samples exceeded the required holding time which resulted in qualifications to the data.

Low internal standard area recoveries resulted in qualifications to the associated compounds in one sample.

One of the field duplicate pairs exhibited non-compliant recoveries that resulted in qualifications to the data.

One sample required a dilution to obtain results within the calibration range.

DRO

No qualifications to the data were required.

Metals

Blank contamination was noted and qualification was required in the samples in this SDG.

The matrix spikes pair submitted in this SDG exhibited non-compliant recoveries in both the MS and the MSD for several analytes for which qualifications/rejections were required.

One of the field duplicate pairs exhibited one analyte with a non-compliant RPD and qualifications were required.

Specific Evaluation of Data

Data Completeness

The SDG was received complete and intact. Clarification questions regarding the ICSA solution were submitted to the laboratory. An explanation of the QC limits for the ICSA solution was received and on future data packages the laboratory will clarify the QC notation on the ICSA/ICSAB form as a result of the inquiry. A copy of the response is included in the project file.

Technical Holding Times

According to chain of custody records, sampling was performed on 4/26-28/11 and samples were received at the laboratory 4/29/11. All sample preparation and analysis

was performed within Region II and/or method holding time requirements with the following exceptions.

SVOA

The re-extraction of samples 78SB18-01 and 78SB24-01 was done 7-8 days out of the 14-day holding time for soils. Sample 78SB18-01RX was rejected in favor of the initial analysis due to the exceeded holding time. This sample was analyzed as a confirmation run due to one high non-compliant surrogate recovery. Samples 78SB24-01RX and 78SB24-01RX2 (dilution) were used; therefore results were qualified as estimated (J/UJ) due to exceeded holding time.

Blanks

Metals

Associated blanks exhibited contamination as noted in the following table. Only those blanks directly associated with and that resulted in qualification to the samples in this SDG are included in the table.

Blank ID	Analyte	Concentration	Action Level
PBS - 1050311-BLK1	tin	1.80J mg/Kg	LOD

Associated samples and required qualifications are noted in the following table. Results that were reported at concentrations below the LOD were raised to the LOD and flagged U (non-detect).

Sample ID	Analyte	Q Flag
all samples	tin	U at LOD

Internal Standards

SVOA

Sample 78SB39-01 exhibited low recovery for internal standard perylene-d12; therefore all compound results associated with this standard were qualified as estimated (J/UJ). The sample was re-analyzed with non-compliant internal standard area results exhibited; therefore the re-analyzed sample was rejected.

Matrix Spike

Metals

The matrix spike analysis submitted in this SDG exhibited non-compliant %Rs for several analytes, requiring qualification or rejection in the field samples. A summary of

these non-compliances and affected samples are noted in the following table. Qualifications were not made unless both spike aliquots exhibited non-compliant recoveries. PDS recoveries were considered when flagging. The associated matrix spike pair analyzed in this SDG (78SB17-01) exhibited non-compliant recoveries for seven analytes that were between 10% & 75% and these analytes were flagged as estimated J/UJ in all field samples. The analyte antimony exhibited recoveries less than 10% in this spike pair and in all other spike pairs analyzed for this site (SWMU78). Antimony exhibited an acceptable recovery in the associated PDS and in all PDS spikes associated for this site. Since all pre-digestion spikes for the analyte antimony exhibited recoveries <10% and the post-digestion spikes were acceptable in appears that there is a significant matrix issue associated with this analyte. Therefore, all results for antimony were rejected (+/-) in all field samples. A summary of these non-compliances and affected samples are noted in the following table.

MS/MSD	Analytes	Samples	%R	Q Flag
78SB17-01	antimony	all samples	3.7/3.75	R
	arsenic		70.7/64	J/UJ
	lead		72.4/65.5	
	nickel		69/60.7	
	selenium		68.7/61.3	
	silver		20.7/20.4	
	vanadium		75.6/65.2	
	zinc		71/63.8	

Field Duplicate

SVOA

Sample 78SB23-01 and duplicate sample 78SB23-01D exhibited non-comparable recoveries for the compounds listed below, qualifications were applied as stated.

Sample ID	Compound	% RPD	Qualifier
78SB23-01, 78SB23-01D	fluoranthene	112	J
	pyrene	128	
	benzo(a)anthracene	167	
	chrysene	170	
	benzo(b)fluoranthene	151	
	benzo(k)fluoranthene	162	
	benzo(a)pyrene	145	
	benzo(g,h,i)perylene	85	

Metals

Sample 78SB17-01 and duplicate sample 78SB17-01D exhibited a non-compliant RPD for the analyte listed below. The results in both samples were qualified as noted. Region II flagging guidelines were applied.

Sample ID	Analyte	% RPD or absolute difference	Qualifier
78SB17-01, 78SB17-01D	lead	51	J

Identification/Quantitation

SVOA

A dilution was required for sample 78SB24-01RX to obtain results within the calibration range; therefore, the E-flagged results in the initial analyses were rejected in favor of the corresponding D-flagged results in the diluted analysis.

Sample 78SB24-01 was rejected in favor of the re-extracted sample, 78SB24-01RX, due to low internal standard area recoveries and non-corresponding results exhibited when compared to the re-extracted and diluted runs.

A summary of qualifications required is provided on the following page. Please do not hesitate to contact DataQual ES with any questions regarding this validation report.

Sincerely,

Jacqueline Cleveland

Jacqueline Cleveland
Vice President

Summary of Data Qualifications

SVOA

Sample ID	Compound	Results	Q flag
78SB18-01RX	all results	+/-	R
78SB24-01	all results	+/-	R
78SB24-01RX, 78SB24-01RX2	all results	+/-	J/UJ
78SB39-01	all compounds associated with: perylene-d12	+/-	J/UJ
78SB23-01, 78SB23-01D	fluoranthene pyrene benzo(a)anthracene chrysene benzo(b)fluoranthene benzo(k)fluoranthene benzo(a)pyrene benzo(g,h,i)perylene	–	J
78SB24-01RX	all E-flagged results	+	R
78SB24-01RX2	all results except D-flagged compounds	+/-	R
78SB39-01RE	all results	+/-	R

DRO

Sample ID	Compound	Results	Q flag
No qualifications were required			

Metals

Sample ID	Analyte	Results	Q flag
all samples	tin	+J	U at LOD
all samples	antimony	+/-	R
all samples	arsenic lead nickel selenium silver vanadium zinc	+/-	J/UJ
78SB17-01, 78SB17-01D	lead	--	J

Glossary of Qualification Flags and Abbreviations

Qualification Flags (Q-Flags)

U	not detected above the reported sample quantitation limit
J	estimated value
UJ	reported quantitation limit is qualified as estimated
N	analyte has been tentatively identified
JN	analyte has been tentatively identified, estimated value
R	result is rejected; the presence or absence of the analyte cannot be verified

Method/Preparation/Field QC Blank Qualification Flags (Q-Flags)

Organic Methods

NA	The sample result for the blank contaminant is greater than the LOD (2X sample LOD for common laboratory contaminants) when the blank value is less than the LOD. The sample result for the blank contaminant is not qualified with any blank qualifiers.
LOD	The sample result for the blank contaminant is less than the LOD (2X sample LOD for common laboratory contaminants) but greater than the MDL when the blank value is less than the LOD. The sample result for the blank contaminant is changed to the LOD and qualified as non-detect U.

Inorganic Methods

ICB/CCB/PB Action:

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD, when the ICB/CCB/PB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the ICB/CCB/PB value when the ICB/CCB/PB value is greater than the LOD.
J -	Sample result is greater than the ICB/CCB/PB value but less than 10X the ICB/CCB/PB value when ICB/CCB/PB value is greater than the LOD.
J/UJ -	Sample result is less than 10X LOD when blank result is below the negative LOD.

Glossary of Qualification Flags and Abbreviations, continued

Field QC Blank action:

Note *Use field blanks to qualify data only if field blank results are greater than prep blank results.*

Do not use rinsate blank associated with soils to qualify water samples and vice versa.

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD when the FB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the FB value when the FB value is greater than the LOD.
J -	Sample result is greater than the FB value but less than 10X the FB value when FB value is greater than the LOD.

General Abbreviations

MDL	method detection limit
IDL	instrument detection limit
LOD/RL	Level of Detection//Reporting Limit
LOQ	Level of Quantitation
+	positive result
-	non-detect result

CompuChem SDG# 1104177

DataQual

Environmental Services, LLC

Michael Baker, Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

June 17, 2011

SDG# 1104177, CompuChem
SWMU 78 Pole Yard
NAPR Ceiba, Puerto Rico

Dear Mr. Kimes,

The following Data Validation report is provided as requested for the parameters noted in the table below for SDG # 1104177. The data validation was performed in accordance with the SW-846 methods utilized by the laboratory, the Region II Standard Operating Procedures for the Validation of Organic Data Acquired Using SW-846 Methods (8270D-Rev 4, August 2008- SOP#HW-22) and professional judgment. Region II has not developed a validation checklist SOP for the methods used to assess the inorganic parameters analyzed by SW-846 methods 6020A/7470A/7471A Metals. Therefore, alternative worksheets were provided. Region II flagging conventions were used. All areas of concern are discussed in the body of the report and a summary of data qualification is provided.

Sample ID	Lab ID	Matrix	SVOA LL PAH	Metals
78SB23-00	1104177-02	soil	X	X
78SB24-00	1104177-03	soil	X	X
78SB25-00	1104177-04	soil	X	X
78SB25-00D	1104177-05	soil	X	X
78SB26-00	1104177-01	soil	X	X
78SB37-00	1104177-06	soil		X
78SB37-00D	1104177-07	soil		X
78SB42-00	1104177-08	soil		X
78SB43-00	1104177-09	soil		X
78SB44-00	1104177-10	soil		X
78SB45-00	1104177-11	soil		X
78SB25-00 MS	1104177-04MS	soil	X	X
78SB25-00 MSD	1104177-04MSD	soil	X	X

The following quality control samples were provided with this SDG: sample 78SB25-00D-field duplicate of sample 78SB25-00 and sample 78SB37-00D-field duplicate of sample 78SB37-00

The samples were evaluated based on the following criteria:

- Data Completeness *
- Sample Condition *
- Technical Holding Times
- GC/MS Tuning *
- ICP-MS Tuning *
- GC Performance *
- Initial/Continuing Calibrations *
- ICSA/ICSAB Standards *
- Low Level Quantitation Standards *
- Blanks
- Internal Standards
- Surrogate Recoveries *
- Laboratory Control Samples
- Matrix Spike Recoveries
- Matrix Duplicate RPDs
- Serial Dilutions
- Field Duplicates
- Identification/Quantitation
- Reporting Limits *
- Tentatively Identified Compounds NA

* - indicates that qualifications were not required based on this criteria

Overall Evaluation of Data/Potential Usability Issues

A summary of qualifications applied to the sample results are noted below for the fractions validated. Specific details regarding qualification of the data are addressed in the Specific Evaluation section of this narrative. If an issue is not addressed there were no actions required based on unmet quality criteria. When more than one qualifier is associated with a compound/analyte the validator has chosen the qualifier that best indicates possible bias in the results and flagged the data accordingly. However, information regarding all quality control issues is provided in the body of the report and on the qualification summary page. *If an issue is not addressed in this narrative there were no actions required based on unmet quality control criteria.*

SVOA

Two samples exceeded the required holding time which resulted in qualifications to the data.

Low internal standard area recoveries resulted in qualifications to the associated compounds in two samples.

Due to high recoveries in one of the LCS samples, the associated sample positive results were qualified as estimated for two compounds.

One sample required a dilution to obtain results within the calibration range.

Metals

Blank contamination was noted and qualification was required in the samples in this SDG.

The matrix spikes pair submitted in this SDG exhibited non-compliant recoveries in both the MS and the MSD for all target analytes for which qualifications/rejections were required.

The matrix duplicate analysis exhibited non-compliant RPDs for two analytes and qualifications were required.

The serial dilution analysis exhibited four analytes with %Ds >10% for which qualifications were required.

The field duplicate pairs exhibited analytes with non-compliant RPDs or absolute differences and qualifications/rejections were required.

Specific Evaluation of Data

Data Completeness

The SDG was received complete and intact. Clarification questions regarding the ICSA solution were submitted to the laboratory. An explanation of the QC limits for the ICSA solution was received and on future data packages the laboratory will clarify the QC notation on the ICSA/ICSAB form as a result of the inquiry. A copy of the response is included in the project file.

Technical Holding Times

According to chain of custody records, sampling was performed on 4/26-28/11 and samples were received at the laboratory 4/29/11. All sample preparation and analysis was performed within Region II and/or method holding time requirements with the following exceptions.

SVOA

The re-extraction of samples 78-SB26-00, 78SB23-00 and 78SB24-00 was done 6 days out of the 14-day holding time for soils. Samples 78SB26-00RX and 78SB23-00RX

were rejected in favor of the initial analyses due to the exceeded holding times. Samples 78SB24-00RX and 78SB24-00RX2 (dilution) were used; therefore results were qualified as estimated (J/UJ) due to exceeded holding times.

Blanks

Metals

Associated blanks exhibited contamination as noted in the following table. Only those blanks directly associated with and that resulted in qualification to the samples in this SDG are included in the table.

Blank ID	Analyte	Concentration	Action Level
PBS – 1050315-BLK1	tin	1.73J mg/Kg	LOD

Associated samples and required qualifications are noted in the following table. Results that were reported at concentrations below the LOD were raised to the LOD and flagged U (non-detect).

Sample ID	Analyte	Q Flag
78SB26-00, 78SB23-00, 78SB25-00D, 78SB37-00, 78SB37-00D, 78SB43-00, 78SB44-00, 78SB45-00	tin	U at LOD

Internal Standards

SVOA

Samples 78SB26-00 and 78SB23-00 exhibited low recovery for internal standards chrysene-d12 and perylene-d12; therefore all compound results associated with these standards were qualified as estimated (J/UJ). The samples were re-extracted and analyzed with compliant internal standard area results; however extraction holding times were exceeded and therefore the samples were not used.

Laboratory Control Sample

SVOA

The LCS associated with samples 78SB24-00RX and 78SB24-00RX2 exhibited high recoveries for fluoranthene at 117% and 121% (QC limit 55-115%) and benzo(b)fluoranthene at 129% and 132% (QC limit 45-115%); therefore positive results were qualified as estimated (J) for these compounds.

Matrix Spike

Metals

The matrix spike analysis submitted in this SDG exhibited non-compliant %Rs for all of the target analytes, requiring qualification or rejection in the field samples. A summary of these non-compliances and affected samples are noted in the following table. Qualifications were not made unless both spike aliquots exhibited non-compliant recoveries. PDS recoveries were considered when flagging. The associated matrix spike pair analyzed in this SDG (78SB25-00) exhibited non-compliant recoveries for analytes as noted in the table below that were between 10% & 75% (10% & 80% for tin) and these analytes were flagged as estimated J/UJ in all field samples. The analyte antimony exhibited recoveries less than 10% in this spike pair and in all other spike pairs analyzed for this site (SWMU78). Antimony exhibited an acceptable recovery in the associated PDS and in all PDS spikes associated for this site. Since all pre-digestion spikes for the analyte antimony exhibited recoveries <10% and the post-digestion spikes were acceptable in appears that there is a significant matrix issue associated with this analyte. Therefore, all results for antimony were rejected (+/-) in all field samples. A summary of these non-compliances and affected samples are noted in the following table.

MS/MSD	Analytes	Samples	%R	Q Flag
78SB17-00	antimony	all samples	1.59/2.04	R
	tin		74.3/77.2	J/UJ
	arsenic		48.4/51.1	
	barium		54.2/50.0	
	beryllium		68.8/70.1	
	cadmium		68.4/67.8	
	chromium		56.2/57.7	
	cobalt		53.2/56.4	
	copper		53.4/56.9	
	lead		65.9/67.6	
	nickel		49.6/52.3	
	selenium		48.4/53.8	
	silver		17.9/16.4	
	thallium		66.6/67.1	
	vanadium		53.6/57.1	
	zinc		54.3/57.9	

Matrix Duplicates

Metals

The associated matrix duplicate analysis of sample 78SB25-00 exhibited two analytes with RPD >35% that resulted in qualifications. A summary of these non-compliances and affected samples are noted in the following table.

MD	Analytes	Samples	%D	Q Flag
78SB25-00	barium	all samples	56.5	J/UJ
	cobalt		36.1	

Serial Dilution

Metals

The associated serial dilution analyses of sample 78SB25-00 exhibited nine analytes with %Ds >10%. Qualifications were required for four of the analytes. Criteria used for qualification as estimated: target analyte concentrations in the samples were >50X the LOD with %Ds > 10% or <50X the LOD with %Ds > 10% and non-compliant PDS recoveries were not acceptable. See the following table for specific information.

SD	Analytes	Samples	%D	Q Flag
78SB25-00	barium	all samples	43	J/UJ
	cobalt		31.6	
	vanadium		32.7	
	zinc		29.2	

Field Duplicates

Metals

Sample 78SB25-00 and duplicate sample 78SB25-00D exhibited one non-compliant RPD for the analyte listed below. The results in both samples were qualified as noted. Region II flagging guidelines were applied.

Sample ID	Analyte	% RPD or absolute difference	Qualifier
78SB25-00, 78SB25-00D	barium	67	J

Sample 78SB37-00 and duplicate sample 78SB37-00D exhibited a high absolute difference (>4X LOQ) for the analyte listed below. The results in both samples were rejected as noted. Region II flagging guidelines were applied.

Sample ID	Analyte	% RPD or absolute difference	Qualifier
78SB37-00, 78SB37-00D	chromium	23.2	R

Identification/Quantitation

SVOA

A dilution was required for sample 78SB24-00RX to obtain results within the calibration range; therefore, the E-flagged results in the initial analyses were rejected in favor of the corresponding D-flagged results in the diluted analysis.

Sample 78SB24-00 was rejected in favor of the re-extracted sample, 78SB24-00RX, due to low internal standard area recoveries and non-corresponding results exhibited when compared to the re-extracted and diluted runs.

A summary of qualifications required is provided on the following page. Please do not hesitate to contact DataQual ES with any questions regarding this validation report.

Sincerely,

Jacqueline Cleveland

Jacqueline Cleveland
Vice President

Summary of Data Qualifications

SVOA

Sample ID	Compound	Results	Q flag
78SB26-00RX, 78SB23-00RX	all results	+/-	R
78SB24-00	all results	+/-	R
78SB24-00RX, 78SB24-00RX2	all results	+/-	J/UJ
78SB26-00, 78SB23-00	all compounds associated with: chrysene-d12 perylene-d12	+/-	J/UJ
78SB24-00RX, 78SB24-00RX2	fluoranthene benzo(b)fluoranthene	+	J
78SB24-00RX	all E-flagged results	+	R
78SB24-00RX	all results except D-flagged compounds	+/-	R

Metals

Sample ID	Analyte	Results	Q flag
78SB26-00, 78SB23-00, 78SB25-00D, 78SB37-00, 78SB37-00D, 78SB43-00, 78SB44-00, 78SB45-00	tin	-J	U at LOD
all samples	antimony	+/-	R
all samples	tin arsenic barium beryllium cadmium chromium cobalt copper lead nickel selenium silver thallium vanadium zinc	+/-	J/UJ
all samples	barium cobalt	+/-	J/UJ
all samples	barium cobalt vanadium zinc	+/-	J/UJ
78SB25-00, 78SB25-00D	barium	+	J
78SB37-00, 78SB37-00D	chromium	+	R

Glossary of Qualification Flags and Abbreviations

Qualification Flags (Q-Flags)

U	not detected above the reported sample quantitation limit
J	estimated value
UJ	reported quantitation limit is qualified as estimated
N	analyte has been tentatively identified
JN	analyte has been tentatively identified, estimated value
R	result is rejected; the presence or absence of the analyte cannot be verified

Method/Preparation/Field QC Blank Qualification Flags (Q-Flags)

Organic Methods

NA	The sample result for the blank contaminant is greater than the LOD (2X sample LOD for common laboratory contaminants) when the blank value is less than the LOD. The sample result for the blank contaminant is not qualified with any blank qualifiers.
LOD	The sample result for the blank contaminant is less than the LOD (2X sample LOD for common laboratory contaminants) but greater than the MDL when the blank value is less than the LOD. The sample result for the blank contaminant is changed to the LOD and qualified as non-detect U.

Inorganic Methods

ICB/CCB/PB Action:

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD, when the ICB/CCB/PB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the ICB/CCB/PB value when the ICB/CCB/PB value is greater than the LOD.
J -	Sample result is greater than the ICB/CCB/PB value but less than 10X the ICB/CCB/PB value when ICB/CCB/PB value is greater than the LOD.
J/UJ -	Sample result is less than 10X LOD when blank result is below the negative LOD.

Glossary of Qualification Flags and Abbreviations, continued

Field QC Blank action:

Note – Use field blanks to qualify data only if field blank results are greater than prep blank results.

Do not use rinsate blank associated with soils to qualify water samples and vice versa.

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD when the FB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the FB value when the FB value is greater than the LOD.
J -	Sample result is greater than the FB value but less than 10X the FB value when FB value is greater than the LOD.

General Abbreviations

MDL	method detection limit
IDL	instrument detection limit
LOD/RL	Level of Detection//Reporting Limit
LOQ	Level of Quantitation
+	positive result
-	non-detect result

010

CompuChem SDG# 1104179

DataQual

Environmental Services, LLC

Michael Baker, Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

June 16, 2011
SDG# 1104179, CompuChem
NAPR Ceiba, Puerto Rico
SWMU 78 Pole Yard

Dear Mr. Kimes,

The following Data Validation report is provided as requested for the parameters noted in the table below for SDG # 1104179. The data validation was performed in accordance with the SW-846 methods utilized by the laboratory, the Region II Standard Operating Procedures for the Validation of Organic Data Acquired Using SW-846 Methods (8270D-Rev 4, August 2008- SOP#HW-22) and professional judgment. Region II has not developed a validation checklist SOP for the methods used to assess the inorganic parameters analyzed by SW-846 methods 6020A/7470A/7471A Metals. Therefore, alternative worksheets were provided. Region II flagging conventions were used. All areas of concern are discussed in the body of the report and a summary of data qualification is provided.

Sample ID	Lab ID	Matrix	SVOA LL PAH	Metals
78SB28-01	1104179-01	soil	X	X
78SB29-01	1104179-02	soil		X
78SB29-02	1104179-03	soil		X
78SB27-02	1104179-04	soil		X
78SB32-01	1104179-05	soil		X
78SB31-01	1104179-06	soil		X
78SB30-01	1104179-07	soil		X
78SB30-01D	1104179-08	soil		X
78SB30-03	1104179-09	soil		X
78SB47-01	1104179-10	soil		X
78SB47-05	1104179-11	soil		X
78SB21-01	1104179-12	soil		X
78SB22-01	1104179-13	soil		X
78SB22-03	1104179-14	soil		X
78SB37-01	1104179-15	soil		X
78SB42-01	1104179-16	soil		X
78SB41-02	1104179-17	soil		X
78SB30-01 MS	1104179-07MS	soil		X
78SB30-01 MSD	1104179-07MSD	soil		X

The samples were evaluated based on the following criteria:

- Data Completeness *
- Sample Condition *

- Technical Holding Times *
- GC/MS Tuning *
- ICP-MS Tuning *
- GC Performance *
- Initial/Continuing Calibrations *
- ICSA/ICSAB Standards *
- Low Level Quantitation Standards *
- Blanks
- Internal Standards *
- Surrogate Recoveries *
- Laboratory Control Samples *
- Matrix Spike Recoveries
- Matrix Duplicate RPDs
- Serial Dilutions
- Field Duplicates *
- Identification/Quantitation *
- Reporting Limits *

* - indicates that qualifications were not required based on this criteria

Overall Evaluation of Data/Potential Usability Issues

A summary of qualifications applied to the sample results are noted below for the fractions validated. Specific details regarding qualification of the data are addressed in the Specific Evaluation section of this narrative. If an issue is not addressed there were no actions required based on unmet quality criteria. When more than one qualifier is associated with a compound/analyte the validator has chosen the qualifier that best indicates possible bias in the results and flagged the data accordingly. However, information regarding all quality control issues is provided in the body of the report and on the qualification summary page. *If an issue is not addressed in this narrative there were no actions required based on unmet quality control criteria.*

SVOA

No qualifications to the data were required.

Metals

Blank contamination was noted and qualification was required in the samples in this SDG.

The matrix spikes pair submitted in this SDG exhibited non-compliant recoveries in both the MS and the MSD for several analytes for which qualifications/rejections were required.

The matrix duplicate pair exhibited one analyte with a RPD >35% for which qualifications were required.

The serial dilution analysis exhibited one analyte with %Ds >10% for which qualifications were required.

Specific Evaluation of Data

Data Completeness

The SDG was received complete and intact. Clarification questions regarding the ICSA solution were submitted to the laboratory. An explanation of the QC limits for the ICSA solution was received and on future data packages the laboratory will clarify the QC notation on the ICSA/ICSAB form as a result of the inquiry. A copy of the response is included in the project file.

Technical Holding Times

According to chain of custody records, sampling was performed on 4/26-28/11 and samples were received at the laboratory 4/29/11. All sample preparation and analysis was performed within Region II and/or method holding time requirements.

Blanks

Metals

Associated blanks exhibited contamination as noted in the following table. Only those blanks directly associated with and that resulted in qualification to the samples in this SDG are included in the table.

Blank ID	Analyte	Concentration	Action Level
PBS – 1050318-BLK1	tin	1.82J mg/Kg	LOD
PBS – 1050320-BLK1	selenium	0.148J mg/Kg	LOD
CCB – 1E19009CCBD	thallium	0.0676J ug/L	LOD
CCB 1E19009-CCBF	lead	0.0289J ug/L	LOD
CCB- 1E19009-CCBG	lead	0.0300J ug/L	LOD

Associated samples and required qualifications are noted in the following table. Results that were reported at concentrations below the LOQ were raised to the LOQ and flagged U (non-detect).

Sample ID	Analyte	Q Flag
all samples	tin	U at LOD
all samples exhibiting + results < LOD	selenium	U at LOD
78SB30-01, 78SB28-01, 78SB29-01, 78SB29-02	thallium	U at LOD
78SB47-01	lead	U at LOD

Matrix Spike

Metals

The matrix spike analysis submitted in this SDG exhibited non-compliant %Rs for most analytes, requiring qualification or rejection in the field samples. A summary of these non-compliances and affected samples are noted in the following table. Qualifications were not made unless both spike aliquots exhibited non-compliant recoveries. PDS recoveries were considered when flagging. The majority of these recoveries were between 10% & 75% and these analytes were flagged as estimated J/UJ in all field samples. This includes arsenic, beryllium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc. The analyte antimony exhibited recoveries less than 10% in this spike pair and in all other spike pairs analyzed for this site (SWMU78). Antimony exhibited an acceptable recovery in the associated PDS and in all PDS spikes associated for this site. Since all pre-digestion spikes for the analyte antimony exhibited recoveries <5% and the post-digestion spikes were acceptable in appears that there is a significant matrix issue associated with this analyte. Therefore, all results for antimony were rejected (+/-) in all field samples. A summary of these non-compliances and affected samples are noted in the following table.

MS/MSD	Analytes	Samples	%R	Q Flag
78SB30-01	antimony	all samples	2.36/2.67	R
	arsenic		65.9/66.9	J/UJ
	beryllium		69.0/70.7	
	chromium		70.4/71.7	
	cobalt		70.8/72.2	
	copper		63/67.2	
	lead		72.9/74.8	
	nickel		62.8/65.1	
	selenium		68.6/69.2	
	silver		11.7/12.2	
	vanadium		64.2/65.6	
	zinc		65.6/66.5	

Matrix Duplicates

Metals

The associated matrix duplicate analyses of sample 78SB30-01 exhibited one analyte with a RPD >35%. A summary of these non-compliances and affected samples are noted in the following table.

MD	Analytes	Samples	RPD	Q Flag
78SB30-01	copper	all samples	39.7%	J/UJ

Serial Dilution

Metals

The associated serial dilution analyses of sample 78SB30-01 exhibited three analytes with %Ds >10% that resulted in qualifications. Qualifications were required for one of the analytes. Criteria used for qualification as estimated: target analyte concentrations in the samples were >50X the LOD with %Ds > 10% or <50X the LOD with %Ds > 10% and non-compliant PDS recoveries were not acceptable. See the following table for specific information.

SD	Analytes	Samples	%D	Q Flag
78SB30-01	barium	all samples	19.9	J/UJ

A summary of qualifications required is provided on the following page. Please do not hesitate to contact DataQual ES with any questions regarding this validation report.

Sincerely,

Jacqueline Cleveland

Jacqueline Cleveland
Vice President

Summary of Data Qualifications

SVOA

Sample ID	Compound	Results	Q flag
No qualifications were required			

Metals

Sample ID	Analyte	Results	Q flag
all samples	tin	+J	U at LOD
all samples exhibiting + results < LOD	selenium	+J	U at LOD
78SB30-01, 78SB28-01, 78SB29-01, 78SB29-02	thallium	+J	U at LOD
78SB47-01	lead	+J	U at LOD
all samples	antimony	+/-	R
all samples	arsenic beryllium chromium cobalt copper lead nickel selenium silver vanadium zinc	+/-	J/UJ
all samples	copper	+/-	J/UJ
all samples	barium	+/-	J/UJ

Glossary of Qualification Flags and Abbreviations

Qualification Flags (Q-Flags)

U	not detected above the reported sample quantitation limit
J	estimated value
UJ	reported quantitation limit is qualified as estimated
N	analyte has been tentatively identified
JN	analyte has been tentatively identified, estimated value
R	result is rejected; the presence or absence of the analyte cannot be verified

Method/Preparation/Field QC Blank Qualification Flags (Q-Flags)

Organic Methods

NA	The sample result for the blank contaminant is greater than the LOD (2X sample LOD for common laboratory contaminants) when the blank value is less than the LOD. The sample result for the blank contaminant is not qualified with any blank qualifiers.
LOD	The sample result for the blank contaminant is less than the LOD (2X sample LOD for common laboratory contaminants) but greater than the MDL when the blank value is less than the LOD. The sample result for the blank contaminant is changed to the LOD and qualified as non-detect U.

Inorganic Methods

ICB/CCB/PB Action:

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD, when the ICB/CCB/PB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the ICB/CCB/PB value when the ICB/CCB/PB value is greater than the LOD.
J -	Sample result is greater than the ICB/CCB/PB value but less than 10X the ICB/CCB/PB value when ICB/CCB/PB value is greater than the LOD.
J/UJ -	Sample result is less than 10X LOD when blank result is below the negative LOD.

Glossary of Qualification Flags and Abbreviations, continued

Field QC Blank action:

Note – Use field blanks to qualify data only if field blank results are greater than prep blank results.

Do not use rinsate blank associated with soils to qualify water samples and vice versa.

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD when the FB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the FB value when the FB value is greater than the LOD.
J -	Sample result is greater than the FB value but less than 10X the FB value when FB value is greater than the LOD.

General Abbreviations

MDL	method detection limit
IDL	instrument detection limit
LOD/RL	Level of Detection//Reporting Limit
LOQ	Level of Quantitation
+	positive result
-	non-detect result

CompuChem SDG# 1104180

DataQual

Environmental Services, LLC

Michael Baker, Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

June 17, 2011
SDG# 1104180, CompuChem
NAPR Ceiba, Puerto Rico
SWMU 78 Pole Yard

Dear Mr. Kimes,

The following Data Validation report is provided as requested for the parameters noted in the table below for SDG # 1104180. The data validation was performed in accordance with the SW-846 methods utilized by the laboratory, the Region II Standard Operating Procedures for the Validation of Organic Data Acquired Using SW-846 Methods (8270D-Rev 4, August 2008- SOP#HW-22) and professional judgment. Region II has not developed a validation checklist SOP for the methods used to assess the inorganic parameters analyzed by SW-846 methods 6020A/7470A/7471A Metals or the organic parameter analyzed by SW-846 method 8015_DRO). Therefore, alternative worksheets were provided. Region II flagging conventions were used. All areas of concern are discussed in the body of the report and a summary of data qualification is provided.

Sample ID	Lab ID	Matrix	SVOA LL PAH	DRO	Metals
78ER01	1104180-01	water	X		X
78ER02	1104180-02	water	X	X	X
78ER03	1104180-04	water	X		X
78FB01	1104180-03	water	X	X	X

The following quality control samples were provided with this SDG: samples 78ER01, 78ER02 and78ER03-equipment blanks; and sample 78FB01-field blank.

The samples were evaluated based on the following criteria:

- Data Completeness *
- Sample Condition *
- Technical Holding Times *
- GC/MS Tuning *
- ICP-MS Tuning *
- GC Performance *
- Initial/Continuing Calibrations *
- ICSA/ICSAB Standards *
- Low Level Quantitation Standards *
- Blanks *
- Internal Standards *

- Surrogate Recoveries *
- Laboratory Control Samples *
- Matrix Spike Recoveries NA
- Matrix Duplicate RPDs NA
- Serial Dilutions *
- Field Duplicates NA
- Identification/Quantitation *
- Reporting Limits *
- Tentatively Identified Compounds NA

* - indicates that qualifications were not required based on this criteria

Overall Evaluation of Data/Potential Usability Issues

A summary of qualifications applied to the sample results are noted below for the fractions validated. Specific details regarding qualification of the data are addressed in the Specific Evaluation section of this narrative. If an issue is not addressed there were no actions required based on unmet quality criteria. When more than one qualifier is associated with a compound/analyte the validator has chosen the qualifier that best indicates possible bias in the results and flagged the data accordingly. However, information regarding all quality control issues is provided in the body of the report and on the qualification summary page. *If an issue is not addressed in this narrative there were no actions required based on unmet quality control criteria.*

SVOA

No qualifications to the data were required.

DRO

No qualifications to the data were required.

Metals

No qualifications to the data were required.

Specific Evaluation of Data

Data Completeness

The SDG was received complete and intact. Resubmissions were not required.

Technical Holding Times

According to chain of custody records, sampling was performed on 4/26-28/11 and samples were received at the laboratory 4/29/11. All sample preparation and analysis was performed within Region II and/or method holding time requirements.

The samples submitted in this data package did not require qualifications. Please do not hesitate to contact DataQual ES with any questions regarding this validation report.

Sincerely,

Jacqueline Cleveland

Jacqueline Cleveland
Vice President

Summary of Data Qualifications

SVOA

Sample ID	Compound	Results	Q flag
No qualifications were required			

DRO

Sample ID	Compound	Results	Q flag
No qualifications were required			

Metals

Sample ID	Analyte	Results	Q flag
No qualifications were required			

Glossary of Qualification Flags and Abbreviations

Qualification Flags (Q-Flags)

U	not detected above the reported sample quantitation limit
J	estimated value
UJ	reported quantitation limit is qualified as estimated
N	analyte has been tentatively identified
JN	analyte has been tentatively identified, estimated value
R	result is rejected; the presence or absence of the analyte cannot be verified

Method/Preparation/Field QC Blank Qualification Flags (Q-Flags)

Organic Methods

NA	The sample result for the blank contaminant is greater than the LOD (2X sample LOD for common laboratory contaminants) when the blank value is less than the LOD. The sample result for the blank contaminant is not qualified with any blank qualifiers.
LOD	The sample result for the blank contaminant is less than the LOD (2X sample LOD for common laboratory contaminants) but greater than the MDL when the blank value is less than the LOD. The sample result for the blank contaminant is changed to the LOD and qualified as non-detect U.

Inorganic Methods

ICB/CCB/PB Action:

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD, when the ICB/CCB/PB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the ICB/CCB/PB value when the ICB/CCB/PB value is greater than the LOD.
J -	Sample result is greater than the ICB/CCB/PB value but less than 10X the ICB/CCB/PB value when ICB/CCB/PB value is greater than the LOD.
J/UJ -	Sample result is less than 10X LOD when blank result is below the negative LOD.

Glossary of Qualification Flags and Abbreviations, continued

Field QC Blank action:

Note – Use field blanks to qualify data only if field blank results are greater than prep blank results.

Do not use rinsate blank associated with soils to qualify water samples and vice versa.

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD when the FB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the FB value when the FB value is greater than the LOD.
J -	Sample result is greater than the FB value but less than 10X the FB value when FB value is greater than the LOD.

General Abbreviations

MDL	method detection limit
IDL	instrument detection limit
LOD/RL	Level of Detection//Reporting Limit
LOQ	Level of Quantitation
+	positive result
-	non-detect result

CompuChem SDG# 1109113

DataQual

Environmental Services, LLC

Michael Baker, Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

November 15, 2011
SDG# 1109113, CompuChem
SWMU 78 Pole Yard
NAPR Ceiba, Puerto Rico

Dear Mr. Kimes,

The following Data Validation report is provided as requested for the parameters noted in the table below for SDG # 1109113. The data validation was performed in accordance with the SW-846 methods utilized by the laboratory, the Region II Standard Operating Procedures for the Validation of Organic Data Acquired Using SW-846 Methods (8270D-Rev 4, August 2008- SOP#HW-22) and professional judgment. Region II has not developed a validation checklist SOP for the methods used to assess the inorganic parameters analyzed by SW-846 methods 6020A/7470A/7471A Metals. Therefore, alternative worksheets were provided. Region II flagging conventions were used. All areas of concern are discussed in the body of the report and a summary of data qualification is provided.

Sample ID	Lab ID	Matrix	SVOA LL PAH	Metals
78SB50-00	1109113-01	soil		X
78SB51-00	1109113-02	soil		X
78SB52-00	1109113-03	soil		X
78SB53-00	1109113-04	soil		X
78SB54-00	1109113-05	soil		X
78SB55-00	1109113-06	soil		X
78SB56-00	1109113-07	soil		X
78SB57-00	1109113-08	soil	X	X
78SB57-01	1109113-09	soil	X	X
78SB58-00	1109113-10	soil	X	X
78SB58-00D	1109113-11	soil		X
78SB58-01	1109113-12	soil	X	X
78SB58-01D	1109113-13	soil	X	X
78SB59-00	1109113-14	soil	X	X
78SB59-01	1109113-15	soil	X	X
78SB58-01 MS	1109113-12MS	soil	X	X
78SB58-01 MSD	1109113-12MSD	soil	X	X

The following quality control samples were provided with this SDG: sample 78SB58-01D -field duplicate of sample 78SB58-01.

The samples were evaluated based on the following criteria:

- Data Completeness *
- Sample Condition *
- Technical Holding Times
- GC/MS Tuning *
- GC Performance *
- Initial/Continuing Calibrations *
- ICSA/ICSAB Standards *
- Low Level Quantitation Standards *
- Blanks
- Internal Standards *
- Surrogate Recoveries *
- Laboratory Control Samples *
- Matrix Spike Recoveries
- Matrix Duplicate RPDs
- Serial Dilutions
- Field Duplicates
- Identification/Quantitation
- Reporting Limits *
- Tentatively Identified Compounds NA

* - indicates that qualifications were not required based on this criteria

Overall Evaluation of Data/Potential Usability Issues

A summary of qualifications applied to the sample results are noted below for the fractions validated. Specific details regarding qualification of the data are addressed in the Specific Evaluation section of this narrative. If an issue is not addressed there were no actions required based on unmet quality criteria. When more than one qualifier is associated with a compound/analyte the validator has chosen the qualifier that best indicates possible bias in the results and flagged the data accordingly. However, information regarding all quality control issues is provided in the body of the report and on the qualification summary page. *If an issue is not addressed in this narrative there were no actions required based on unmet quality control criteria.*

SVOA

One sample was re-extracted out of holding time which resulted in qualifications to the data.

Metals

Blank contamination was noted and qualification was required in the samples in this SDG.

The matrix spikes pair submitted in this SDG exhibited non-compliant recoveries in both the MS and the MSD for several analytes for which qualifications/rejections were required.

The matrix duplicate sample submitted in this SDG exhibited one analyte for which qualifications were required.

The serial dilution analysis exhibited two analytes with %Ds >10% for which qualifications were required.

The field duplicate pairs exhibited analytes with non-compliant RPDs or absolute differences and qualifications/rejections were required.

Specific Evaluation of Data

Data Completeness

The SDG was received complete and intact. However, resubmissions were required for one metals sample. This sample was analyzed without moisture level assessment. Correction for this oversight was requested and received. A copy of the e-mail correspondence is included in the validation worksheets.

Technical Holding Times

According to chain of custody records, sampling was performed on 9/25/11 and 9/27/11 and samples were received at the laboratory 9/29/11. All sample preparation and analysis was performed within Region II and/or method holding time requirements with the following exception.

SVOA

Sample 78SB59-00 was re-extracted due to non-compliant surrogate and internal standard area recoveries in the initial analysis; the re-extraction of the sample was completed 7 days out of the 14 day holding time; therefore results were qualified as estimated (J/UJ).

Blanks

Metals

Associated blanks exhibited contamination as noted in the following table. Only those blanks directly associated with and that resulted in qualification to the samples in this SDG are included in the table.

Blank ID	Analyte	Concentration	Action Level
PBS – 1092937-BLK1	tin	2.07J mg/Kg	LOD

Associated samples and required qualifications are noted in the following table. Results that were reported at concentrations below the LOD were raised to the LOD and flagged U (non-detect).

Sample ID	Analyte	Q Flag
all samples except 78SB58-00D	tin	U at LOD

Matrix Spike

Metals

The matrix spike analysis submitted in this SDG exhibited non-compliant %Rs for several analytes, requiring qualification or rejection in the field samples. A summary of these non-compliances and affected samples are noted in the following table. Qualifications were not made unless both spike aliquots exhibited non-compliant recoveries. PDS recoveries were considered when flagging. The associated matrix spike pair analyzed in this SDG (78SB58-01) exhibited non-compliant recoveries for several analytes that were between 10% & 75% and these analytes were flagged as estimated J/UJ in all field samples. The analyte antimony exhibited recoveries less than 10% in this spike pair and in all other spike pairs analyzed for this site (SWMU78). Antimony exhibited an acceptable recovery in the associated PDS and in all PDS spikes associated for this site. Since all pre-digestion spikes for the analyte antimony exhibited recoveries <10% and the post-digestion spikes were acceptable in appears that there is a significant matrix issue associated with this analyte. Therefore, all results for antimony were rejected (+/-) in all field samples. A summary of these non-compliances and affected samples are noted in the following table.

MS/MSD	Analytes	Samples	%R	Q Flag
78SB58-01	antimony	all samples	1.08/1.11	R
	arsenic		67.5/47.2	J/UJ
	cadmium		74.7/74.2	
	nickel		61.6/61.0	
	selenium		60.6/57.4	
	silver		68.1/68.1	
	zinc		65.6/66.1	

Matrix Duplicates

Metals

The associated matrix duplicate analysis of sample 78SB58-01 exhibited one analyte with RPD >35%. See the following table for specific information and action.

SD	Analytes	Samples	%RPD	Q Flag
78SB58-01	chromium	all samples	43.4	J/UJ

Serial Dilution

Metals

The associated serial dilution analyses of sample 78SB58-01 exhibited four analytes with %Ds >10%. The serial dilution submitted in this SDG exhibited %D >10% for several analytes. Qualifications were required for two of the analytes. Criteria used for qualification as estimated: target analyte concentrations in the samples were >50X the LOD with %Ds > 10% or <50X the LOD with %Ds > 10% and non-compliant PDS recoveries were not acceptable. See the following table for specific information.

SD	Analytes	Samples	%D	Q Flag
78SB58-01	barium vanadium	all samples	18.4 13.8	J/UJ

Field Duplicate

Metals

Sample 78SB58-00 and duplicate sample 78SB58-00D exhibited non-compliant RPDs or high absolute differences for the analytes listed below. The results in both samples were qualified as noted. Region II flagging guidelines were applied.

Sample ID	Analyte	% RPD or absolute difference	Qualifier
78SB58-00, 78SB58-00D	barium lead zinc	61 62 51	J

Sample 78SB58-01 and duplicate sample 78SB58-01D exhibited non-compliant RPDs or high absolute differences for the analytes listed below. The results in both samples were qualified as noted. Region II flagging guidelines were applied.

Sample ID	Analyte	% RPD or absolute difference	Qualifier
78SB58-01, 78SB58-01D	cobalt nickel	65 52	J

Identification/Quantitation

SVOA

The initial analysis of sample 78SB59-00 exhibited one high surrogate recovery and two high internal standard area recoveries. The sample was re-extracted out of holding by 7 day and ran at a dilution; all QC criteria were met. Due to suspected matrix effect in the initial analysis the results were rejected and the re-extracted analysis was used and results were qualified as estimated (J/UJ) due to exceed extraction holding time.

A summary of qualifications required is provided on the following page. Please do not hesitate to contact DataQual ES with any questions regarding this validation report.

Sincerely,

Jacqueline Cleveland

Jacqueline Cleveland
Vice President

Summary of Data Qualifications

SVOA

Sample ID	Compound	Results	Q flag
78SB59-00RE	all results	+/-	J/UJ
78SB59-00	all results	+/-	R

Metals

Sample ID	Analyte	Results	Q flag
all samples except 78SB58-00D	tin	+J	U at LOD
all samples	antimony	+/-	R
all samples	arsenic cadmium nickel selenium silver zinc	+/-	J/UJ
all samples	chromium	+/-	J/UJ
all samples	barium vanadium	+/-	J/UJ
78SB58-00, 78SB58-00D	barium lead zinc	+	J
78SB58-01, 78SB58-01D	cobalt nickel	+	J

Glossary of Qualification Flags and Abbreviations

Qualification Flags (Q-Flags)

U	not detected above the reported sample quantitation limit
J	estimated value
UJ	reported quantitation limit is qualified as estimated
N	analyte has been tentatively identified
JN	analyte has been tentatively identified, estimated value
R	result is rejected; the presence or absence of the analyte cannot be verified

Method/Preparation/Field QC Blank Qualification Flags (Q-Flags)

Organic Methods

NA	The sample result for the blank contaminant is greater than the LOD (2X sample LOD for common laboratory contaminants) when the blank value is less than the LOD. The sample result for the blank contaminant is not qualified with any blank qualifiers.
LOD	The sample result for the blank contaminant is less than the LOD (2X sample LOD for common laboratory contaminants) but greater than the MDL when the blank value is less than the LOD. The sample result for the blank contaminant is changed to the LOD and qualified as non-detect U.

Inorganic Methods

ICB/CCB/PB Action:

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD, when the ICB/CCB/PB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the ICB/CCB/PB value when the ICB/CCB/PB value is greater than the LOD.
J -	Sample result is greater than the ICB/CCB/PB value but less than 10X the ICB/CCB/PB value when ICB/CCB/PB value is greater than the LOD.
J/UJ -	Sample result is less than 10X LOD when blank result is below the negative LOD.

Glossary of Qualification Flags and Abbreviations, continued

Field QC Blank action:

Note – Use field blanks to qualify data only if field blank results are greater than prep blank results.
Do not use rinsate blank associated with soils to qualify water samples and vice versa.

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD when the FB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the FB value when the FB value is greater than the LOD.
J -	Sample result is greater than the FB value but less than 10X the FB value when FB value is greater than the LOD.

General Abbreviations

MDL	method detection limit
IDL	instrument detection limit
LOD/RL	Level of Detection//Reporting Limit
LOQ	Level of Quantitation
+	positive result
-	non-detect result

CompuChem SDG# 1109114

DataQual

Environmental Services, LLC

Michael Baker, Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

November 11, 2011
SDG# 1109114, CompuChem
SWMU 78 Pole Yard
NAPR Ceiba, Puerto Rico

Dear Mr. Kimes,

The following Data Validation report is provided as requested for the parameters noted in the table below for SDG # 1109114. The data validation was performed in accordance with the SW-846 methods utilized by the laboratory, the Region II Standard Operating Procedures for the Validation of Organic Data Acquired Using SW-846 Methods (8270D-Rev 4, August 2008- SOP#HW-22) and professional judgment. Region II has not developed a validation checklist SOP for the methods used to assess the inorganic parameters analyzed by SW-846 methods 6020A/7470A/7471A Metals. Therefore, alternative worksheets were provided. Region II flagging conventions were used. All areas of concern are discussed in the body of the report and a summary of data qualification is provided.

Sample ID	Lab ID	Matrix	SVOA LL PAH	Metals
78ER04	1109114-01	water		X
78ER05	1109114-02	water	X	X
78FB02	1109114-03	water	X	X

The following quality control samples were provided with this SDG: samples 78ER04 & 78ER05-euqipment blanks; and sample 78FB02- field blank.

The samples were evaluated based on the following criteria:

- Data Completeness *
- Sample Condition *
- Technical Holding Times
- GC/MS Tuning *
- GC Performance *
- Initial/Continuing Calibrations *
- ICSA/ICSAB Standards *
- Low Level Quantitation Standards *
- Blanks *
- Internal Standards *
- Surrogate Recoveries *

- Laboratory Control Samples *
- Matrix Spike Recoveries *
- Matrix Duplicate RPDs *
- Serial Dilutions *
- Field Duplicates *
- Identification/Quantitation
- Reporting Limits *
- Tentatively Identified Compounds NA

* - indicates that qualifications were not required based on this criteria

Overall Evaluation of Data/Potential Usability Issues

A summary of qualifications applied to the sample results are noted below for the fractions validated. Specific details regarding qualification of the data are addressed in the Specific Evaluation section of this narrative. If an issue is not addressed there were no actions required based on unmet quality criteria. When more than one qualifier is associated with a compound/analyte the validator has chosen the qualifier that best indicates possible bias in the results and flagged the data accordingly. However, information regarding all quality control issues is provided in the body of the report and on the qualification summary page. *If an issue is not addressed in this narrative there were no actions required based on unmet quality control criteria.*

SVOA

Two samples were re-extracted out of holding time which resulted in qualifications to the data.

Metals

No qualifications to the data were required.

Specific Evaluation of Data

Data Completeness

The SDG was received complete and intact. Resubmissions were not required.

Technical Holding Times

According to chain of custody records, sampling was performed on 9/25/11 & 9/27/11 and samples were received at the laboratory 9/29/11. All sample preparation and analysis was performed within Region II and/or method holding time requirements with the following exception.

SVOA

Samples 78ER05 and 78FB02 were re-extracted due to non-compliant internal standard area recoveries in the initial analysis; the re-extraction of the sample was completed 1 day out of the 7 day holding time; therefore results were qualified as estimated (J/UJ).

Identification/Quantitation

SVOA

The initial analysis of samples 78ER05 and 78FB02 exhibited low internal standard area recoveries and the associated LCS and LCSD each exhibited 6 of 17 non-compliant percent recoveries (12 non-compliant recoveries total). The samples were re-extracted one day out of holding time with compliant recoveries exhibited for the internal standards and the LCS/LCSD. Therefore due to the non-compliances associated with the initial analysis the results were rejected and the re-extracted samples were used.

A summary of qualifications required is provided on the following page. Please do not hesitate to contact DataQual ES with any questions regarding this validation report.

Sincerely,

Jacqueline Cleveland

Jacqueline Cleveland
Vice President

Summary of Data Qualifications

SVOA

Sample ID	Compound	Results	Q flag
78ER05RE, 78FB02RE	all results	+/-	J/UJ
78ER05, 78FB02	all results	+/-	R

Metals

Sample ID	Analyte	Results	Q flag
no qualifications were required			

Glossary of Qualification Flags and Abbreviations

Qualification Flags (Q-Flags)

U	not detected above the reported sample quantitation limit
J	estimated value
UJ	reported quantitation limit is qualified as estimated
N	analyte has been tentatively identified
JN	analyte has been tentatively identified, estimated value
R	result is rejected; the presence or absence of the analyte cannot be verified

Method/Preparation/Field QC Blank Qualification Flags (Q-Flags)

Organic Methods

NA	The sample result for the blank contaminant is greater than the LOD (2X sample LOD for common laboratory contaminants) when the blank value is less than the LOD. The sample result for the blank contaminant is not qualified with any blank qualifiers.
LOD	The sample result for the blank contaminant is less than the LOD (2X sample LOD for common laboratory contaminants) but greater than the MDL when the blank value is less than the LOD. The sample result for the blank contaminant is changed to the LOD and qualified as non-detect U.

Inorganic Methods

ICB/CCB/PB Action:

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD, when the ICB/CCB/PB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the ICB/CCB/PB value when the ICB/CCB/PB value is greater than the LOD.
J -	Sample result is greater than the ICB/CCB/PB value but less than 10X the ICB/CCB/PB value when ICB/CCB/PB value is greater than the LOD.
J/UJ -	Sample result is less than 10X LOD when blank result is below the negative LOD.

Glossary of Qualification Flags and Abbreviations, continued

Field QC Blank action:

Note – Use field blanks to qualify data only if field blank results are greater than prep blank results.

Do not use rinsate blank associated with soils to qualify water samples and vice versa.

No Action -	The sample result is greater than the LOD and greater than ten times (10X) the blank value.
U -	The sample result is greater than or equal to the MDL but less than or equal to the LOD, result is reported as non-detect at the LOD when the FB result is less or greater than the LOD.
R -	Sample result is greater than the LOD and less than the FB value when the FB value is greater than the LOD.
J -	Sample result is greater than the FB value but less than 10X the FB value when FB value is greater than the LOD.

General Abbreviations

MDL	method detection limit
IDL	instrument detection limit
LOD/RL	Level of Detection//Reporting Limit
LOQ	Level of Quantitation
+	positive result
-	non-detect result

PUERTO RICO CHEMIST CERTIFICATIONS

To Whom It May Concern:

I, Miriam Estrada, in my capacity as Puerto Rico Certified Chemist, I hereby certify the attached Analytical Results from Work Order Number 1104180 Project NAPR SWMU78/119197 31.2 On Island/DO=JM01for *Metals and Mercury and Semivolatile Organic Compounds* and Laboratory ID Numbers:

Client Id:	**Lab Id:**
78ER01	1104180-01
78ER02	1104180-02
78FB01	1104180-03
78ER03	1104180-04

Lcda. Miriam Estrada

Estado Libre Asociado de P.R.
Miriam Estrada Rodriguez
Lic. #1074
QUÍMICO ASOCIADO
AO1360150

7/18/11
Date

Analytical Environmental Services International Inc.
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611 Monserrate Street, 2nd. Floor, Santurce, PR 00907 • Tel.: 787.722.0220 • Fax.: 787.724.5788

To Whom It May Concern:

I, Miriam Estrada, in my capacity as Puerto Rico Certified Chemist, I hereby certify the attached Analytical Results from Work Order Number 1104179 Project NAPR SWMU78/119197 31.2 On Island/DO=JM01for *Metals and Mercury and Semivolatile Organic Compounds* and Laboratory ID Numbers:

Client Id:	**Lab Id:**
78SB28-01	1104179-01
78SB29-01	1104179-02
78SB29-02	1104179-03
78SB27-01	1104179-04
78SB32-01	1104179-05
78SB31-01	1104179-06
78SB30-01	1104179-07
78SB30-01D	1104179-08
78SB30-03	1104179-09
78SB47-01	1104179-10
78SB47-05	1104179-11
78SB21-01	1104179-12
78SB22-01	1104179-13
78SB22-03	1104179-14
78SB37-01	1104179-15
78SB42-01	1104179-16
78SB41-02	1104179-17

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To Whom It May Concern:

I, Miriam Estrada, in my capacity as Puerto Rico Certified Chemist, I hereby certify the attached Analytical Results from Work Order Number 1104177 Project NAPR SWMU78/119197 31.2 On Island/DO=JM01for *Metals and Mercury and Semivolatile Organic Compounds* and Laboratory ID Numbers:

Client Id:	**Lab Id:**
78SB26-00	1104177-01
78SB23-00	1104177-02
78SB24-00	1104177-03
78SB25-00	1104177-04
78SB25-00D	1104177-05
78SB37-00	1104177-06
78SB37-00D	1104177-07
78SB42-00	1104177-08
78SB43-00	1104177-09
78SB44-00	1104177-10
78SB45-00	1104177-11

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I, Miriam Estrada, in my capacity as Puerto Rico Certified Chemist, I hereby certify the attached Analytical Results from Work Order Number 1104176 Project NAPR SWMU78/119197 31.2 On Island/DO=JM01for *DRO, Metals and Mercury and Semivolatile Organic Compounds* and Laboratory ID Numbers:

Client Id:	**Lab Id:**
78SB17-01	1104176-01
78SB17-01D	1104176-02
78SB18-01	1104176-03
78SB26-01	1104176-04
78SB26-03	1104176-05
78SB23-01	1104176-06
78SB23-01D	1104176-07
78SB23-03	1104176-08
78SB24-01	1104176-09
78SB24-04	1104176-10
78SB25-01	1104176-11
78SB25-04	1104176-12
78SB39-01	1104176-13
78SB39-03	1104176-14
78SB40-01	1104176-15
78SB40-02	1104176-16
78SB38-01	1104176-17
78SB38-01D	1104176-18
738B38-02	1104176-19
738B41-01	1104176-20

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I, Miriam Estrada, in my capacity as Puerto Rico Certified Chemist, I hereby certify the attached Analytical Results from Work Order Number 1104175 Project NAPR SWMU78/119197 31.2 On Island/DO=JM01for *DRO, Metals and Mercury and Semivolatile Organic Compounds* and Laboratory ID Numbers:

Client Id:	**Lab Id:**
78SB17-00	1104175-01
78SB17-00D	1104175-02
78SB18-00	1104175-03
78SB19-00	1104175-04
78SB20-00	1104175-05
78SB48-00	1104175-06
78SB49-00	1104175-07
78SB46-00	1104175-08
78SB47-00	1104175-09
78SB39-00	1104175-10
78SB39-00D	1104175-11
78SB40-00	1104175-12
78SB38-00	1104175-13
78SB41-00	1104175-14
78SB21-00	1104175-15
78SB22-00	1104175-16
78SB33-00	1104175-17
78SB34-00	1104175-18
738B35-00	1104175-19
738B36-00	1104175-20

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To Whom It May Concern:

I, Miriam Estrada, in my capacity as Puerto Rico Certified Chemist, I hereby certify the attached Analytical Results from Work Order Number 1109113; Project NAPR SWMU78/119197 31.2 On Island for *Metals and Mercury, Semi Volatile and Organic Compounds* and Laboratory ID Numbers:

Client ID	Lab ID
78SB50-00	1109113-01
78SB51-00	1109113-02
78SB52-00	1109113-03
78SB53-00	1109113-04
78SB54-00	1109113-05
78SB55-00	1109113-06
78SB56-00	1109113-07
78SB57-00	1109113-08
78SB57-01	1109113-09
78SB58-00	1109113-10
78SB58-00D	1109113-11
78SB58-01	1109113-12
78SB58-01D	1109113-13
78SB59-00	1109113-14
78SB59-01	1109113-15

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To Whom It May Concern:

I, Miriam Estrada, in my capacity as Puerto Rico Certified Chemist, I hereby certify the attached Analytical Results from Work Order Number 1109114; Project NAPR SWMU78/119197 31.2 On Island for *Metals and Mercury, Semi Volatile and Organic Compounds* and Laboratory ID Numbers:

Client ID	Lab ID
78ER04	1109114-01
78ER05	1109114-02
78FB02	1109114-03

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Appendix C
Human Health Risk Assessment

Final

Human Health Risk Assessment
Solid Waste Management Unit 78 – Pole Yard

Naval Activity Puerto Rico
Ceiba, Puerto Rico

Contract Task Order JM11

July 2016

Prepared for

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Virginia Beach, Virginia

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Acronyms and Abbreviations

$\mu g/m^3$	microgram per cubic meter
ABS_{GI}	gastrointestinal absorption factor
ADAF	age-dependent adjustment factor
BTV	background threshold value
CDI	chronic daily intake
COC	chemical of concern
COPC	chemical of potential concern
CSF	cancer slope factor
DABS	dermal absorption fraction from soil
EC	exposure concentration
ELCR	excess lifetime cancer risk
EPC	exposure point concentration
HHRA	human health risk assessment
HI	hazard index
HQ	hazard quotient
IUR	inhalation unit risk
LRA	Local Redevelopment Authority
mg/kg	milligram per kilogram
mg/kg-day	milligram per kilogram per day
MMOA	mutagenic mode of action
NAPR	Naval Activity Puerto Rico
PEF	particulate emission factor
PPRTV	Provisional Peer-Reviewed Toxicity Value
RAGS	Risk Assessment Guidance for Superfund
RCRA	Resource Conservation and Recovery Act
RfD	reference dose
RFI	RCRA Facility Investigation
RME	reasonable maximum exposure
RSL	regional screening level
SWMU	Solid Waste Management Unit
UCL	upper confidence limit
USEPA	United States Environmental Protection Agency

Human Health Risk Assessment

1 Introduction

1.1 Overview

This Human Health Risk Assessment (HHRA) was prepared for Solid Waste Management Unit 78 (SWMU 78) – Pole Yard ("the Site"), located at Naval Activity Puerto Rico (NAPR), Ceiba, Puerto Rico, formerly known as Naval Station Roosevelt Roads. This HHRA accompanies the Amended Full Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) for the Site. The approach and assumptions used in this HHRA were generally consistent with the *Master Standard Operating Procedures, Protocols, and Plans for the Environmental Restoration Program, Vieques, Puerto Rico* (CH2M HILL, 2010), hereinafter referred to as the Vieques Master HHRA protocol.

As presented in the Vieques Master HHRA protocol (CH2M HILL, 2010), and in accordance with the United States Environmental Protection Agency (USEPA) guidance documents, this HHRA consists of the following four-step evaluation process:

- Data evaluation
- Exposure assessment
- Toxicity assessment
- Risk characterization

1.2 Scope of the Risk Assessment

The Vieques Master HHRA protocol is consistent with USEPA Region II policy and USEPA guidance, including *Risk Assessment Guidance for Superfund, Volume 1: Human Health Evaluation Manual, Parts A, D, E, and F* (USEPA, 1989; 2001; 2004; 2009a), and *Human Health Evaluation Manual*, *Supplemental Guidance: Update of Standard Default Exposure Factors* (USEPA, 2014a). In addition, other USEPA guidance documents were used and are cited in the text and tables.

1.3 Potential Receptors

The Site is located on Gilbert Island Street, approximately 600 feet due north of the intersection of Forrestal Drive and Valley Forge Road, as shown on Figures 2-1 and 2-2 of the Amended Full RFI Report. The site consists of two relatively small plateaus, covering an area of approximately 3.1 acres, and is located on the edge of a steep slope. A surface water drainage boundary is located in the approximate center of SWMU 78, and surface water runoff drains to the eastern and western sides respectively.

The site was used for storage of transformers, timber and concrete telephone poles, and spools of wire. The transformers were stored within a raised concrete pad with a perimeter concrete curb that acts as secondary containment. A drain valve is located near the northeastern corner of the storage pads and was used to drain accumulated rainwater from the storage area. Spools of copper wire were stored in the northeastern corner of the SWMU. Timber and concrete telephone poles were stored on the lower plateau in the southern portion of the site.

SWMU 78 is part of Sub-parcel 48, a carve-out within Sale Parcel III and Science Park parcel. The Naval Station Roosevelt Roads (NSRR) Reuse Plan (CBRE et al., 2004) developed by the Puerto Rico Department of Economic Development and Commerce (acting as the Local Redevelopment Authority [LRA]) anticipates the following types of land uses for Sale Parcel III and Science Park parcel: university campus; industrial, recreation, or open space reserve; science park/conference center; and water-oriented commercial and passenger/cargo ferry terminal and related uses. An April 2010 addendum (CCS, 2010) to the NSRR Reuse Plan indicates the subject property will be in portions of areas with the following types of uses: mixed use

(retail and upper-floor residential), hotel and lodging, golf course, and retail/restaurant/entertainment district.

A Finding of Suitability of Lease dated September 2011 identified SWMU 78 as part of Sub-parcel 48, a carve-out within Sale Parcel III and Science Park parcel. This parcel was transferred to the LRA of the Commonwealth of Puerto Rico on January 26, 2012. Thus, SWMU 78 is currently leased to the Commonwealth of Puerto Rico while the Navy retains cleanup responsibilities. Upon successful completion of all necessary remedial actions by the Navy, SWMU 78 will be transferred to the Commonwealth. Land use controls required after the completion of all necessary remedial actions will be included in the transfer deed.

Consistent with the *SWMU-78 – Pole Yard Path Forward* memorandum (CH2M HILL, 2014), a streamlined approach was adopted for the selection of the potential exposure scenarios. Based on the foreseeable future site use, the following potential future receptors are included in this HHRA:

- Future Residents (adults and children) – although the site will not be developed for residential use, the residential scenario is included to evaluate unrestricted land use.
- Future Industrial Workers – workers who may perform occupational duties at the site.

The human health conceptual site model (CSM) presents potential exposure media, exposure points, receptors (current and future), and exposure routes. The human health CSM is provided in Table 1 of **Attachment 1** and graphically on Figure 1 of **Attachment 2**.

2 Data Evaluation

2.1 Data Used in the HHRA

Soil samples collected during the Phase I RFI in May 2008 and Full RFI in April and September 2011 were used in this HHRA. Because of the expected exposure scenarios, soil samples with any part of the collection interval within the 0- to 6-foot-depth interval was used in this HHRA. The surface soil data set consists of 103 samples (including 13 duplicate samples) collected from the 0- to 1-foot and 1-to 3-foot-depth intervals, where the surface soil and subsurface soil combined soil data set (referred to as total soil) includes 28 additional samples (including 2 duplicate samples) collected from the 3- to 5-foot and 5- to 7-foot-depth intervals (131 samples). Sampling locations for soil are depicted on Figure 3-1 of the Amended Full RFI Report. Table 1 of **Attachment 3** lists samples used in this HHRA. Soil samples were analyzed for volatile organic compounds, semivolatile organic compounds, metals, and polychlorinated biphenyls. A copy of the analytical data set for the samples used in this HHRA is included in Excel format as **Attachment 4**.

2.2 Selection of Chemicals of Potential Concern

The chemicals of potential concern (COPCs) are those chemicals that have the greatest potential to cause adverse human health effects if receptors come in contact with site media. COPCs were selected in accordance with the Vieques Master HHRA protocol (CH2M HILL, 2010). Chemicals that were nondetected in 100 percent of the soil samples used in this HHRA were not selected as COPCs. For samples with field duplicates, the higher detected concentration was used when the chemical was detected in either sample, and the lower reporting limit was used when both values were nondetected.

2.2.1 COPC Screening Levels

The approach used to screen data is consistent with the Vieques Master HHRA protocol. *USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites* (USEPA, 2014b) were used to screen site data. The maximum detected concentrations in soil were compared to regional screening levels (RSLs) to identify COPCs for this HHRA. The RSLs are based on a target excess lifetime cancer risk (ELCR) of $1x10^{-6}$, and a noncarcinogenic hazard quotient (HQ) of 1. The RSLs for noncarcinogenic effects were adjusted downward by a factor of 10 to account for cumulative noncarcinogenic effects, with the exception of lead.

USEPA considers lead to be a special case because of the difficulty in identifying the classic "threshold" needed to develop a reference dose (RfD). The screening levels used in the COPC screening for lead were obtained from the *USEPA Regional Screening Levels for Chemical Contaminants at Superfund Sites* (USEPA, 2014b). The industrial soil RSL for lead is 800 milligrams per kilogram (mg/kg) and is based upon the Adult Lead Methodology (USEPA, 2009b) for blood lead levels in workers. The residential RSL for lead is 400 mg/kg and is based upon the Integrated Exposure Uptake Biokinetic Model (USEPA, 1994) for blood lead levels in children. The lead RSLs are not adjusted downward by a factor of 10.

In summary, the following RSLs were used for each receptor or sample population:

- ***Residents*** – Concentrations detected in soil samples were compared to adjusted residential soil RSLs to evaluate COPCs for direct contact exposures with soil. In accordance with the Vieques Master HHRA protocol (CH2M HILL, 2010), soil samples with any part of the collection interval within the 0- to 6-foot-depth interval were used to select COPCs for a residential scenario. The higher concentration between surface soil and total soil for each chemical was used in the risk calculations to produce a conservative risk estimate.
- ***Industrial Workers*** – Concentrations detected in soil samples were compared to adjusted industrial soil RSLs to evaluate COPCs for direct contact exposures with soil.

2.2.2 COPC Screening Results

The analytes with maximum detected concentrations exceeding screening levels were identified as COPCs. Results of the COPC screening process for each receptor group are presented in Tables 2.1 and 2.2 of **Attachment 1** and are summarized as follows:

Residents

Seven metals (antimony, arsenic, chromium, cobalt, copper, thallium, and vanadium) and four polycyclic aromatic hydrocarbons (PAHs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenz(a,h)anthracene) were identified as COPCs in surface soil for the direct contact exposure pathways (Table 2.1 of **Attachment 1**). The same seven metals and four PAHs identified as COPCs in surface soil were identified as COPCs in total soil (Table 2.2 of **Attachment 1**).

Industrial Workers

Four metals (arsenic, chromium, cobalt, and vanadium) were identified as COPCs in total soil for the direct contact exposure pathways (Table 2.2a of **Attachment 1**).

2.3 Hot Spot Evaluation

A review of site data was conducted to determine whether potential hot spots were present in exposure media that may require a separate exposure evaluation. Consistent with the Vieques Protocol the detected concentrations were compared to 100 times the adjusted residential and industrial soil RSLs (that is, resulting in an HQ = 10 and ELCR of $1x10^{-4}$) to determine the presence (if any) of a discrete area where concentrations are considerably higher than those present in the surrounding area. The review of site data provided the following information:

- Total chromium was detected above background at concentrations exceeding 100 times the residential RSL for hexavalent chromium; however, the maximum detected concentration of total chromium did not exceed the RSL for trivalent chromium. Based on the historical source of potential releases at SWMU 78 and environmental conditions on Puerto Rico, the form of chromium expected to be present is trivalent chromium.
- Arsenic was detected in surface soil at one location (120 mg/kg at 78SB55 from 0 to 1 foot bgs) greater than background levels at concentrations exceeding 100 times the residential RSL. This sample was located on Hollandia Street. Because this sample was collected from 0 to 1 foot bgs, the location was applicable to both the surface soil and total soil assessments. The sample comprises 1 percent of the

surface soil data set (which has 90 samples, not including duplicates), and less than 1 percent of the total soil data set (which has 114 samples, not including duplicates). Because of the small percentages of the data set that this sample comprises, the small size of the site (3 acres), and the lack of future preferential exposures in the area of the exceedance location, all arsenic soil data were merged in the evaluation.

2.4 Background Comparisons

The background values included in this HHRA were derived from an evaluation of the existing background data set for NAPR using a revised statistical approach (**CH2M HILL, 2013**). The background data set was revised to include a recalculation of background threshold values (BTVs) using a method consistent with USEPA technical guidelines and approved by USEPA and Puerto Rico Environmental Quality Board for environmental sites at the former Vieques Naval Training Range in Vieques, Puerto Rico. The background values were recalculated using the 95 percent upper confidence limits (UCLs) of the 95th percentile (that is, 95/95 upper tolerance limits). The maximum detected concentrations of metals in surface soil and total soil were also compared to the BTV (**CH2M HILL, 2013**). The maximum detected concentrations of all detected metal COPCs in either site surface soil or total soil are greater than their respective background concentrations (Tables 2.1 and 2.2 of **Attachment 1**).

3 Exposure Assessment

3.1 Exposure Pathways Quantified

The following potential exposure pathways were quantified for these two receptor groups (residents and industrial workers):

- **Residents** – Ingestion, dermal contact, and inhalation exposures to COPCs in surface soil and total soil were quantified for adult and child residents. Exposure point concentrations (EPCs) for surface soil and total soil are presented in Tables 3.1.RME and 3.2.RME of **Attachment 1**, respectively. For each COPC, the higher calculated EPC (considering both surface soil and total soil) was used in intake calculations for this receptor. The final EPCs in soil are presented in Table 3.1a of **Attachment 1**. Ambient air concentrations calculated using the EPCs in soil and the site particulate emission factor (PEF) (see Table 4 RME Supplement B of **Attachment 1**) are presented in Table 3.1b of **Attachment 1**.
- **Industrial Workers** – Ingestion, dermal contact, and inhalation exposures to COPC in total soil were quantified for industrial workers. The EPCs are presented in Table 3.2a.RME of **Attachment 1**. The ambient air concentrations calculated using the EPCs in total soil and the site PEF (see Table 4 RME Supplement A of **Attachment 1)** are presented in Table 3.2b.RME of **Attachment 1**.

3.2 Quantification of Exposure

To evaluate the potentially complete exposure pathways further, the magnitude, frequency, and duration of exposures were estimated and quantified. EPCs were identified and pathway-specific intakes were estimated. USEPA guidance (**1989**) recommends selecting intake variable values for a given pathway so that the combination of all intake variable values results in an estimate of the reasonable maximum exposure (RME) for that pathway. USEPA recommends using upper-bound parameter values (as opposed to average values) for exposure frequency and exposure duration. USEPA guidance also recommends that the contact rate be a value representing the 95th percentile.

3.2.1 Exposure Point Concentrations

For each soil COPC identified for a receptor group where eight or more samples and at least four detected values were available in the data set, the UCL on the mean concentration was calculated using the most recent version of ProUCL (Version 5.0.00; USEPA, 2013b). The calculated UCL was used as the EPC if the UCL was less than the maximum detected concentration. The UCL concentrations and EPCs are presented in

Tables 3.1, Table 3.1a, Table 3.2, and Table 3.2a of **Attachment 1**, and the ProUCL output is provided in **Attachment 5**.

3.2.2 Exposure Factors

An RME scenario was quantified for potential future residential and industrial worker receptors (USEPA, 1989). The exposure factors used in the intake calculations are presented in Tables 4.1.RME and 4.2.RME of **Attachment 1.** The primary reference for the standard default exposure factors is USEPA guidance (USEPA, 2014a). The exposure factors used to quantify exposures for the carcinogenic PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenz(a,h)anthracene), which act with a mutagenic mode of action (MMOA), are provided in Tables 4.1 Supplement and 4.2 Supplement of **Attachment 1**.

In accordance with USEPA Region II policy, the dermal exposure route for soil was quantified for COPCs with dermal absorption fraction from soil (DABS) values presented in Exhibit 3-4 of USEPA's *Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual - Part E, Supplemental Guidance for Dermal Risk Assessment* (USEPA, 2004). The DABS values used in this HHRA are presented in Table 4 RME Supplement B of **Attachment 1**.

A site-specific PEF was calculated for use in estimating future inhalation exposures for residents and industrial workers (Table 4 RME Supplement B of **Attachment 1**). The PEF was calculated using Equation 4-5 and Exhibit D-2 of the *Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites* (USEPA, 2002). Climate Zone 9 (based on Miami, Florida) and a 3.1-acre aerial extent of site contamination (based on the area of SWMU 78) were used in the site-specific PEF calculations.

4 Toxicity Assessment

The following hierarchy of sources was used to obtain toxicity data for COPCs (USEPA, 2003):

- Tier 1: USEPA's Integrated Risk Information System database (USEPA, 2014c)
- Tier 2: Provisional Peer-Reviewed Toxicity Value (PPRTV) database maintained by the USEPA's National Center for Environmental Assessment and the Superfund Health Risk Technical Support Center
- Tier 3: Other peer-reviewed federal and state toxicity values (USEPA, 2013a)
  - Minimal risk levels identified by the Agency for Toxic Substances and Disease Registry (ATSDR, 2013)
  - California Environmental Protection Agency Toxicity Criteria Database (Cal/EPA, 2014)
  - Screening toxicity values presented in an appendix to certain PPRTV assessments
  - USEPA Health Effects Assessment Summary Tables (USEPA, 1997)

Noncarcinogenic toxicity values used in this HHRA are presented in Tables 5.1 and 5.2 of **Attachment 1**. Cancer toxicity values for COPCs are provided in Tables 6.1 and 6.2 of **Attachment 1**.

4.1 Noncarcinogenic Toxicity Values

Noncarcinogenic toxicity values (oral RfDs and inhalation reference concentrations) were used in estimating potential adverse health effects associated with exposure to COPCs. Chronic toxicity data for potential noncarcinogenic effects of COPCs are presented in Tables 5.1 and 5.2 of **Attachment 1**.

4.2 Carcinogenic Toxicity Values

Carcinogenic toxicity values (cancer slope factors [CSFs] and inhalation unit risks [IURs]) were used in evaluating potential carcinogenic effects associated with exposure to known, probable, or possible carcinogens having a USEPA weight-of-evidence classification of A, B, or C, respectively. CSFs and IURs were used to estimate upper-bound lifetime statistical probabilities of a hypothetical individual developing cancer

as a result of exposure to a potential carcinogen. Toxicity data for potential carcinogenic effects for COPCs are presented in Tables 6.1 and 6.2 of **Attachment 1**.

4.3 Derivation of Dermal Toxicity Values

In general, oral RfDs and CSFs are converted to dermal RfDs and CSFs using a gastrointestinal absorption factor (ABS_{GI}). The values used for this conversion were obtained from *Risk Assessment Guidance for Superfund,* Part E, Section 4.2 and Exhibit 4-1 (USEPA, 2004). Following USEPA's recommendation (USEPA, 2004), such a conversion is necessary only when a chemical has an ABS_{GI} of less than 50 percent. If a chemical-specific gastrointestinal absorption factor was not available, gastrointestinal absorption of the chemical was assumed to be 100 percent and the oral RfD (or oral CSF) was used as the dermal RfD (or dermal CSF) without adjustment.

5 Risk Characterization

Potential human health risks are discussed separately for carcinogenic and noncarcinogenic COPCs because of the different toxicological endpoints, relevant exposure durations, and methods used to estimate risk. USEPA Superfund guidance considers an acceptable site ELCR range to be within 1 to 100 in a million ($1x10^{-6}$ to $1x10^{-4}$). Generally, remedial actions are not warranted for site media with an ELCR of $1x10^{-4}$ or below, or a hazard index (HI) of 1 or less, although it may be warranted if a standard (for example, maximum contaminant level) is exceeded, or if other site-specific information suggests to risk managers that action is appropriate.

5.1 Approach for Potential Noncarcinogenic Effects

This HHRA evaluated the potential for noncarcinogenic effects by comparing exposure intakes of each COPC over a specified time period (chronic) with RfDs derived for similar exposure periods. In USEPA methodology, this ratio of exposure to toxicity is referred to as an HQ. The HQ assumes that there is a level of exposure below which it is unlikely for even sensitive populations to experience adverse health effects. If the exposure level exceeds this threshold, there is the potential for noncarcinogenic health effects to occur. The HQ is calculated as follows:

$$HQ = \frac{I}{RfD}$$

Where:

HQ = Hazard quotient
I = Intake level (milligram per kilogram per day [mg/kg-day])
RfD = Reference dose (mg/kg-day)

Intake and RfD are expressed in the same units (mg/kg-day) and represent the same exposure period. An HQ that exceeds 1 (that is, intake exceeds the RfD) indicates that there is a potential for adverse health effects associated with exposure to that COPC.

To assess the potential for noncarcinogenic health effects posed by exposure to multiple COPCs and exposure routes, an HI approach was used (USEPA, 1989). This approach assumes that noncarcinogenic hazards associated with exposure to more than one COPC and exposure route are additive. Synergistic or antagonistic interactions between COPCs are not quantified. The HI may exceed 1 even if all of the individual HQs are less than 1. The HI is equal to the sum of the HQs and is calculated as follows:

$$HI = \frac{I_1}{RfD_1} + \frac{I_2}{RfD_2} + \ldots \frac{I_i}{RfD_i}$$

Where:

HI = Hazard index

I = Intake level (mg/kg-day)
RfD = Reference dose (mg/kg-day)
I_i = Intake level for the "*i*"th constituent
RfD_i = Reference dose for the "*i*"th constituent

5.2 Approach for Potential Carcinogenic Effects

The potential for carcinogenic effects resulting from exposure to site media was evaluated by estimating the ELCR. The ELCR is the incremental increase in the probability of developing cancer during one's lifetime (as a result of exposure to site media) above the probability of developing cancer from nonsite exposures.

Potential ELCRs associated with exposure to individual carcinogens were calculated using CSFs and chronic daily intakes (CDIs) for oral and dermal contact exposures, and IURs and exposure concentrations (ECs) for inhalation exposures. The linear low-dose equation was used to estimate the incremental probability of an individual developing cancer over a lifetime as a result of exposure to potential carcinogens. Estimated ELCRs are calculated by multiplying the CDI by the CSF or EC by the IUR:

$$ELCR = CDI \times CSF \quad \text{or}$$

Where:

ELCR = unitless probability of developing cancer
CDI = chronic daily intake (mg/kg-day)
CSF = cancer slope factor $(mg/kg\text{-}day)^{-1}$
EC = exposure concentration [microgram per cubic meter ($\mu g/m^3$)]
IUR = inhalation unit risk $(\mu g/m^3)^{-1}$

The theoretical probability of developing cancer as a consequence of exposure to two or more COPCs and by two or more exposure pathways was calculated by summing the risk estimates for each COPC in the appropriate scenarios using the following equation:

$$Total\ \ ELCR = (CDI_1 \times CSF_1) + (CDI_2 \times CSF_2) + \ldots\ (CDI_i \times CSF_i) +$$
$$(EC_1 \times IUR_1) + (EC_2 \times IUR_2) + \ldots\ (EC_i \times IUR_j)$$

Where:

CDI = Chronic daily intake (mg/kg-day)
CSF = Cancer slope factor $(mg/kg\text{-}day)^{-1}$
CDI_i = Chronic daily intake for the '*i*'th constituent
CSF_i = Cancer slope factor for the '*i*'th constituent
EC = Exposure concentration ($\mu g/m^3$)
IUR = Inhalation unit risk $(\mu g/m^3)^{-1}$
EC_j = Exposure concentration for the 'j'th constituent
IUR_j = Inhalation unit risk for the '*j*'th constituent

5.3 Approach for Potential Mutagenic Effects

Consistent with the Cancer Guidelines and Supplemental Guidance (USEPA, 2005a and b) for COPCs that act via a MMOA, ELCRs were estimated using age-dependent adjustment factors (ADAFs). Four carcinogenic PAHs are COPCs at SWMU 78 that are categorized as having a MMOA. The calculations of ELCR using ADAFs are presented in Table 7.3 RME Supplement of **Attachment 1** for a future residential scenario**.** The ELCRs for COPCs acting with a MMOA were estimated using the following equations:

- Child/Adult Resident (Soil):

$$ELCR = \left(I_{0-2} \times CSF \times 10 \right) + \left(I_{2-16} \times CSF \times 3 \right) + \left(I_{16-26} \times CSF \times 1 \right)$$

or

Where:

$$ELCR = \left(EC_{0-2} \times IUR \times 10 \right) + \left(EC_{2-16} \times IUR \times 3 \right) + \left(EC_{16-26} \times IUR \times 1 \right)$$

I_{0-2} = Intake level for ages 0 to 2 years (mg/kg-day)
CSF = Cancer slope factor (mg/kg-day) $^{-1}$
I_{2-16} = Intake level for ages 2 to 16 years (mg/kg-day)
I_{16-26} = Intake level for ages 16 to 26 years (mg/kg-day)
EC_{0-2} = Exposure concentration for ages 0 to 2 years (µg/m^3)
IUR = Inhalation unit risk (µg/m^3)$^{-1}$
EC_{2-16} = Exposure concentration for ages 2 to 16 years (µg/m^3)
EC_{16-26} = Exposure concentration for ages 16 to 26 years (µg/m^3)

5.4 Summary of Risk Estimates

Potential risk associated with exposures to COPCs in soil were quantified for the following RME scenarios. The calculated ELCRs and HIs are as follows:

- Residents – Future Scenarios
- Total soil (ingestion, dermal contact, and inhalation)
  - Adult: all target organ-specific HI <1 (Table 7.1 RME, summarized in Table 9.1 RME of **Attachment 1**)
  - Child: all target organ-specific HI≤1 (Table 7.2 RME, summarized in Table 9.2 RME of **Attachment 1**)
  - Adult/child aggregate: 3x10^{-5} ELCR (Table 7.3 RME, summarized in Table 9.3 RME of **Attachment 1**)
- Industrial Workers – Future Scenarios
- Total Soil (ingestion, dermal contact, and inhalation)
  - 4x10^{-6} cumulative ELCR, all target organ specific HI<1 (Table 7.4 RME, summarized in Table 9.4 RME of **Attachment 1**)

5.5 Chemicals of Concern

In general, chemicals of concern (COCs) are identified when the potential ELCR or HI for a receptor group exceeds USEPA threshold values (a total ELCR of 1x10^{-4} or a target organ-specific HI of 1), and concentrations are site-related and above background levels. When a potential ELCR of 1x10^{-4} is exceeded for an exposure medium for a receptor group, the COPCs above background levels and posing an individual ELCR greater than 1x10^{-6} in the environmental medium responsible for the unacceptable risks are identified as COCs. When a potential target organ-specific HI exceeds 1 for an exposure medium for a receptor group, the COPCs at concentrations above background levels and posing an HQ greater than 0.1 for that target organ in the environmental medium responsible for the unacceptable HI are identified as COCs. Factors such as nature of contamination source, laboratory contamination, and common pesticide use (unrelated to spills, improper storage or disposal, or use) are typically considered when identifying COCs.

Risk estimates for future receptor groups (residents and industrial workers) were within USEPA acceptable levels. The potential ELCRs for the exposure scenarios evaluated at the site were within the target ELCR range of 1x10^{-6} to 1x10^{-4}. Additionally, all estimated target organ-specific HIs were equal to or less than the threshold of 1. Therefore, no COCs were identified at the site.

5.6 Uncertainty Analysis

The assumptions used in this HHRA have inherent uncertainty. While it is theoretically possible that this leads to underestimates of potential risk, the use of numerous upper-bound assumptions most likely results in conservative estimates of potential risk. A receptor group's potential exposure and subsequent potential risk are influenced by the exposure scenario and dose/response, and vary on a case-by-case basis. The key assumptions in this HHRA and their influence on the numerical risk estimates are presented in Table 2 of **Attachment 3**. Additionally, specific uncertainties associated with this HHRA are discussed in this section.

5.6.1 Data Evaluation

The purpose of data evaluation is to determine which constituents, if any, are present at the site at concentrations requiring evaluation in this HHRA. Uncertainty with respect to data evaluation can arise from many sources, such as the quality of data used to characterize the site and the process used to select data and COPCs in this HHRA.

Iodomethane was detected in 11 of 44 samples in total soil but was excluded as a COPC because of the lack of screening levels. The maximum detected concentration of iodomethane (0.012 mg/kg) did not exceed the adjusted residential soil RSLs of other noncarcinogenic monohalomethanes: chloromethane (11 m/kg) and bromomethane (0.68 mg/kg). However, occupational exposure standards for iodomethane (for example, Occupational Safety and Health Administration Permissible Exposure Limits and American Conference of Governmental Industrial Hygienists Threshold Limit Values) are the lowest among those of the other two monohalomethanes, indicating iodomethane is the most toxic of the three (CDC, 1984). The occupational inhalation standards indicate that iodomethane is 20 to 25 times more toxic than chloromethane and 2.5-4 times more toxic than bromomethane. Applying these ratios to chloromethane and bromomethane adjusted RSLs, and comparing to the maximum detected concentration of iodomethane, the concentrations observed at SWMU 78 do not indicate a concern and are not expected to affect the overall HHRA outcome; however, there is some uncertainty associated with exclusion of iodomethane as a COPC.

5.6.2 Exposure Assumptions

In accordance with USEPA guidance and the Vieques Master HHRA protocol (CH2M HILL, 2010), exposure estimates were calculated for an RME scenario. An RME scenario results in upper-bound exposure estimates and likely overestimates actual site exposures. Actual risks are likely to be less than the potential risks presented in this HHRA. The site will not be developed for residential use; however, the residential scenario is included in this HHRA to evaluate unrestricted land use. The risk estimates associated with hypothetical future residential exposure were within the USEPA's acceptable risk thresholds.

5.6.3 Chemicals 100 Percent Nondetected in a Matrix

For chemicals that were nondetected in 100 percent of the total soil samples, the maximum reporting limits were compared to the USEPA RSLs for residential soil (adjusted to an HI of 0.1). The comparison is provided in **Attachment 6**. The maximum reporting limits of 29 of the 100 percent nondetected chemicals were greater than the adjusted residential soil RSLs. The difference between maximum reporting limits and adjusted residential soil RSLs was approximately within an order of magnitude for 21 of these chemicals (that is, the chemical concentrations corresponding to less than the ELCR of $1x10^{-5}$ or HQ of 1), and the minimum reporting limits did not exceed the adjusted RSL for most of these chemicals.

Because the detection limits used for the analyses were lower than these reporting limits, and if the chemical was actually present at a concentration above the detection limit, then typically the laboratory would have reported it as an estimated concentration ("J" qualified) instead of a nondetect. Therefore, it is expected that these instances of estimated concentrations will result in little impact on the overall risk outcome. Although elevated reporting limits were observed for the remainder of the chemicals, and seven (3,3'-dimethylbenzidine, 3-methylcholanthrene, 4-aminobiphyenyl, 7,12-dimethylbenz(a)anthracene, hexachlorophene, n-nitrosodiethylamine, and n-nitrosodimethylamine) exceed more than 100 times the adjusted RSLs, these levels not expected to have a significant impact on the overall risk outcome. These

chemicals are not known site contaminants, and if they were actually present, other analytes in the same chemical group would have been detected.

6 References

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Attachment 1
RAGS Part D Tables

TABLE 1

SELECTION OF EXPOSURE PATHWAYS

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

Scenario Timeframe	Medium	Exposure Medium	Exposure Point	Receptor Population	Receptor Age (3)	Exposure Route	On-Site/ Off-Site	Type of Analysis	Rationale for Selection or Exclusion of Exposure Pathway
Future	Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft) (1)	Surface Soil (0-2 ft) and Total Soil (0-6 ft) (1)	Residential	Adult	Dermal	On-site	Quant	The site will not be developed for residential use; however, the residential scenario is included to evaluate unrestricted land use.
						Ingestion	On-site	Quant	The site will not be developed for residential use; however, the residential scenario is included to evaluate unrestricted land use.
					Child	Dermal	On-site	Quant	The site will not be developed for residential use; however, the residential scenario is included to evaluate unrestricted land use.
						Ingestion	On-site	Quant	The site will not be developed for residential use; however, the residential scenario is included to evaluate unrestricted land use.
		Ambient Air	Emissions from Surface Soil and Total Soil	Residential	Adult	Inhalation	On-site	Quant	The site will not be developed for residential use; however, the residential scenario is included to evaluate unrestricted land use.
					Child	Inhalation	On-site	Quant	The site will not be developed for residential use; however, the residential scenario is included to evaluate unrestricted land use.
		Total Soil (0-6 ft)	Total Soil (0-6 ft)	Industrial Worker	Adult	Dermal	On-site	Quant	Industrial workers were assumed to contact subsurface and surface soil while performing occupational duties at the site.
						Ingestion	On-site	Quant	Industrial workers were assumed to contact subsurface and surface soil while performing occupational duties at the site.
		Ambient Air	Emissions from Total Soil	Industrial Worker	Adult	Inhalation	On-site	Quant	Industrial workers were assumed to contact subsurface and surface soil while performing occupational duties at the site.

(1) For the residential scenario, two soil intervals were evaluated - surface soil (0-2 ft bgs) and total soil (0-6 ft bgs). The data were grouped for each interval and compared to residential soil RSLs; the higher exposure point concentration (EPC) of the two depth intervals for each chemical of potential concern (COPC) was used in the risk calculations to produce a conservative risk estimate.

TABLE 2.1

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

Scenario Timeframe: Future (Resident)
Medium: Soil
Exposure Medium: Surface Soil (0-2 ft)

Exposure Point	CAS Number	Chemical	Minimum [1] Concentration Qualifier	Maximum [1] Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration [2] Used for Screening	Background [3] Value	Screening [4] Toxicity Value	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for [5] Contaminant Deletion or Selection
Surface Soil (0-2 ft)	106-46-7	1,4-Dichlorobenzene	7.8E-03 J	9.1E-03 J	MG/KG	78SB08-00	2/29	0.035 - 0.8	9.1E-03	NA	2.6E+00 C	NA	NA	NO	BSL
	591-78-6	2-Hexanone	4.1E-03 J	4.1E-03 J	MG/KG	78SB14-00	1/29	0.02 - 0.048	4.1E-03	NA	2.0E+01 N	NA	NA	NO	BSL
	67-64-1	Acetone	8.1E-03 J	2.5E-01 J	MG/KG	78SB01-00	22/29	0.039 - 0.096	2.5E-01	NA	6.1E+03 N	NA	NA	NO	BSL
	71-43-2	Benzene	7.6E-04 J	1.4E-03 J	MG/KG	78SB11-00	4/29	0.0039 - 0.0096	1.4E-03	NA	1.2E+00 C	NA	NA	NO	BSL
	75-15-0	Carbon disulfide	5.7E-04 J	8.0E-03	MG/KG	78SB03-00	4/29	0.0039 - 0.0096	8.0E-03	NA	7.7E+01 N	NA	NA	NO	BSL
	74-87-3	Chloromethane	2.0E-03 J	2.0E-03 J	MG/KG	78SB03-00	1/29	0.0039 - 0.0096	2.0E-03	NA	1.1E+01 N	NA	NA	NO	BSL
	74-88-4	Iodomethane	1.4E-03 J	1.2E-02 J	MG/KG	78SB02-01	7/29	0.0039 - 0.0096	1.2E-02	NA	N/A	NA	NA	NO	NTX
	91-57-6	2-Methylnaphthalene	1.9E-02	1.9E-02	MG/KG	78SB12-00	1/56	0.0071 - 0.16	1.9E-02	NA	2.3E+01 N	NA	NA	NO	BSL
	83-32-9	Acenaphthene	8.0E-04 J	1.8E-02	MG/KG	78SB12-00	5/56	0.0071 - 0.16	1.8E-02	NA	3.5E+02 N	NA	NA	NO	BSL
	208-96-8	Acenaphthylene	2.6E-02	2.6E-02	MG/KG	78SB12-00	1/56	0.0071 - 0.16	2.6E-02	NA	3.5E+02 N	NA	NA	NO	BSL
	120-12-7	Anthracene	1.3E-03 J	4.3E-02	MG/KG	78SB12-00	9/56	0.0071 - 0.16	4.3E-02	NA	1.7E+03 N	NA	NA	NO	BSL
	56-55-3	Benzo(a)anthracene	2.9E-03 J	1.7E-01 J	MG/KG	78SB24-00	19/53	0.0071 - 0.16	1.7E-01	NA	1.5E-01 C	NA	NA	YES	ASL
	50-32-8	Benzo(a)pyrene	9.9E-04 J	1.4E-01 J	MG/KG	78SB24-00	23/53	0.0071 - 0.16	1.4E-01	NA	1.5E-02 C	NA	NA	YES	ASL
	205-99-2	Benzo(b)fluoranthene	1.6E-03 J	1.9E-01 J	MG/KG	78SB24-00	24/54	0.0071 - 0.16	1.9E-01	NA	1.5E-01 C	NA	NA	YES	ASL
	191-24-2	Benzo(g,h,i)perylene	2.0E-03 J	2.9E-01 J	MG/KG	78SB03-00	27/55	0.0071 - 0.16	2.9E-01	NA	1.7E+02 N	NA	NA	NO	BSL
	207-08-9	Benzo(k)fluoranthene	1.4E-03 J	1.5E-01 J	MG/KG	78SB24-00	16/53	0.0071 - 0.16	1.5E-01	NA	1.5E+00 C	NA	NA	NO	BSL
	100-51-6	Benzyl alcohol	1.0E-02 J	1.0E-02 J	MG/KG	78SB03-01	1/29	0.035 - 0.8	1.0E-02	NA	6.2E+02 N	NA	NA	NO	BSL
	117-81-7	bis(2-Ethylhexyl)phthalate	1.0E-02 J	4.2E-02 J	MG/KG	78SB08-00D	5/28	0.035 - 0.8	4.2E-02	NA	3.8E+01 C	NA	NA	NO	BSL
	218-01-9	Chrysene	1.4E-03 J	1.8E-01 J	MG/KG	78SB24-00	28/56	0.0071 - 0.16	1.8E-01	NA	1.5E+01 C	NA	NA	NO	BSL
	53-70-3	Dibenz(a,h)anthracene	1.1E-03 J	3.4E-02 J	MG/KG	78SB24-00	17/53	0.0071 - 0.16	3.4E-02	NA	1.5E-02 C	NA	NA	YES	ASL
	132-64-9	Dibenzofuran	3.3E-02 J	3.3E-02 J	MG/KG	78SB12-00	1/29	0.035 - 0.8	3.3E-02	NA	7.2E+00 N	NA	NA	NO	BSL
	206-44-0	Fluoranthene	1.3E-03 J	2.1E-01 J	MG/KG	78SB24-00	24/56	0.0071 - 0.16	2.1E-01	NA	2.3E+02 N	NA	NA	NO	BSL
	86-73-7	Fluorene	7.2E-04 J	5.3E-02	MG/KG	78SB12-00	7/56	0.0071 - 0.16	5.3E-02	NA	2.3E+02 N	NA	NA	NO	BSL
	193-39-5	Indeno(1,2,3-cd)pyrene	1.6E-03 J	1.1E-01 J	MG/KG	78SB24-00	21/53	0.0071 - 0.16	1.1E-01	NA	1.5E-01 C	NA	NA	NO	BSL
	91-20-3	Naphthalene	6.7E-04 J	9.9E-02	MG/KG	78SB12-00	7/56	0.0071 - 0.16	9.9E-02	NA	3.8E+00 C	NA	NA	NO	BSL
	85-01-8	Phenanthrene	9.2E-04 J	2.2E-01	MG/KG	78SB12-00	19/56	0.0071 - 0.16	2.2E-01	NA	1.7E+03 N	NA	NA	NO	BSL
	108-95-2	Phenol	5.3E-03 J	6.5E-03 J	MG/KG	78SB02-00	2/29	0.035 - 0.8	6.5E-03	NA	1.8E+03 N	NA	NA	NO	BSL
	129-00-0	Pyrene	1.9E-03 J	2.9E-01 J	MG/KG	78SB24-00	28/55	0.0071 - 0.16	2.9E-01	NA	1.7E+02 N	NA	NA	NO	BSL
	11096-82-5	Aroclor-1260	3.3E-02 J	4.8E-02 J	MG/KG	78SB11-00	2/29	0.035 - 0.044	4.8E-02	NA	2.4E-01 C	NA	NA	NO	BSL
	7440-36-0	Antimony	3.3E-01 J	4.0E+00 J	MG/KG	78SB03-00	6/29	0.48 - 0.64	4.0E+00	2.7E+00	3.1E+00 N	NA	NA	YES	ASL
	7440-38-2	Arsenic	1.6E-01 J	1.0E+02 J	MG/KG	78SB55-00	86/90	0.48 - 1.39	1.0E+02	2.8E+00	6.7E-01 C	NA	NA	YES	ASL
	7440-39-3	Barium	2.0E+01	4.5E+02	MG/KG	78SB10-01	90/90	0.95 - 6.55	4.5E+02	3.2E+02	1.5E+03 N	NA	NA	NO	BSL
	7440-41-7	Beryllium	4.7E-02 J	5.2E-01	MG/KG	78SB21-00	90/90	0.095 - 0.695	5.2E-01	6.8E-01	1.6E+01 N	NA	NA	NO	BSL
	7440-43-9	Cadmium	3.4E-02 J	3.7E+00	MG/KG	78SB02-01	90/90	0.095 - 0.655	3.7E+00	7.7E-01	7.0E+00 N	NA	NA	NO	BSL
	7440-47-3	Chromium	5.6E+00	2.0E+02 J	MG/KG	78SB55-00	88/88	0.95 - 8.34	2.0E+02	5.5E+01	3.0E-01 N	NA	NA	YES	ASL
	7440-48-4	Cobalt	7.9E+00	6.0E+01 J	MG/KG	78SB27-01	90/90	0.095 - 0.695	6.0E+01	5.2E+01	2.3E+00 N	NA	NA	YES	ASL

TABLE 2.1

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

Scenario Timeframe: Future (Resident)
Medium: Soil
Exposure Medium: Surface Soil (0-2 ft)

Exposure Point	CAS Number	Chemical	Minimum [1] Concentration Qualifier	Maximum [1] Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration [2] Used for Screening	Background [3] Value	Screening [4] Toxicity Value	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for [5] Contaminant Deletion or Selection
	7440-50-8	Copper	1.1E+01 J	6.2E+02 J	MG/KG	78SB27-01	90/90	0.917 - 2.8	6.2E+02	1.9E+02	3.1E+02 N	NA	NA	YES	ASL
	7439-92-1	Lead	4.9E-01 J	1.6E+02 J	MG/KG	78SB49-00	76/78	0.29 - 0.695	1.6E+02	3.4E+01	4.0E+02 L	NA	NA	NO	BSL
	7439-97-6	Mercury	8.1E-03 J	1.7E-01	MG/KG	78SB46-00	55/90	0.019 - 0.0445	1.7E-01	1.3E-01	2.3E+00 N	NA	NA	NO	BSL
	7440-02-0	Nickel	5.7E+00	4.9E+01	MG/KG	78SB16-00	90/90	0.19 - 0.695	4.9E+01	2.8E+01	1.5E+02 N	NA	NA	NO	BSL
	7782-49-2	Selenium	1.3E-01 J	1.4E+00	MG/KG	78SB12-00	58/90	0.48 - 3.48	1.4E+00	1.1E+00	3.9E+01 N	NA	NA	NO	BSL
	7440-22-4	Silver	2.2E-02 J	2.4E-01 J	MG/KG	78SB26-00	58/90	0.19 - 0.655	2.4E-01	4.0E+01	3.9E+01 N	NA	NA	NO	BSL
	7440-28-0	Thallium	1.7E-02 J	3.5E-01 J	MG/KG	78SB09-01	55/90	0.38 - 0.655	3.5E-01	NA	7.8E-02 N	NA	NA	YES	ASL
	7440-31-5	Tin	4.5E+00 J	1.8E+01	MG/KG	78SB46-00	6/90	10.5 - 26	1.8E+01	4.3E+00	4.7E+03 N	NA	NA	NO	BSL
	7440-62-2	Vanadium	5.9E+01 J	7.8E+02 J	MG/KG	78SB39-01	90/90	0.95 - 3.48	7.8E+02	2.9E+02	3.9E+01 N	NA	NA	YES	ASL
	7440-66-6	Zinc	1.9E+01 J	6.6E+02 J	MG/KG	78SB24-00	89/89	2.29 - 5.1	6.6E+02	1.3E+02	2.3E+03 N	NA	NA	NO	BSL

[1] Minimum/Maximum detected concentrations.

[2] Maximum concentration is used for screening.

[3] Background threshold value of surface soil (CH2M HILL, 2013)

[4] Regional Screening Levels for Chemical Contaminants at Superfund Sites (May, 2014). [Online]. Concentrations based on non-carcinogenic health effects are adjusted using HQ=0.1. Available: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm
RSL value for Acenaphthene used as surrogate for Acenaphthylene.
RSL value for pyrene used as surrogate for benzo(g,h,i)perylene.
RSL value for anthracene used as surrogate for phenanthrene.
RSL value for Chromium(VI) used as surrogate for chromium.
The soil value of 400 mg/kg for lead is from the Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities, USEPA, July 14, 1994.
RSL value for Mercury (inorganic salts) used as surrogate for mercury.

[5] Rationale Codes

Selection Reason: Above Screening Levels (ASL)
Deletion Reason: No Toxicity Information (NTX)
Below Screening Level (BSL)

COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/ To Be Considered
J = Estimated Value
C = Carcinogenic
N = Noncarcinogenic
L = SL for lead is based on EPA's Adult Lead Methodology (ALM)
SL = screening level

TABLE 2.2

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

Scenario Timeframe: Future (Resident)
Medium: Soil
Exposure Medium: Total Soil (0-6 ft)

Exposure Point	CAS Number	Chemical	Minimum [1] Concentration Qualifier	Maximum [1] Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration [2] Used for Screening	Background [3] Value	Screening [4] Toxicity Value	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for [5] Contaminant Deletion or Selection
Total Soil (0-6 ft)	106-46-7	1,4-Dichlorobenzene	7.8E-03 J	9.1E-03 J	MG/KG	78SB08-00	2/44	0.034 - 0.8	9.1E-03	NA	2.6E+00 C	NA	NA	NO	BSL
	591-78-6	2-Hexanone	4.1E-03 J	4.1E-03 J	MG/KG	78SB14-00	1/44	0.02 - 0.048	4.1E-03	NA	2.0E+01 N	NA	NA	NO	BSL
	67-64-1	Acetone	8.1E-03 J	2.5E-01 J	MG/KG	78SB01-00	31/44	0.039 - 0.096	2.5E-01	NA	6.1E+03 N	NA	NA	NO	BSL
	71-43-2	Benzene	7.6E-04 J	1.4E-03 J	MG/KG	78SB11-00	4/44	0.0039 - 0.0096	1.4E-03	NA	1.2E+00 C	NA	NA	NO	BSL
	75-15-0	Carbon disulfide	5.7E-04 J	8.0E-03	MG/KG	78SB03-00	4/44	0.0039 - 0.0096	8.0E-03	NA	7.7E+01 N	NA	NA	NO	BSL
	74-87-3	Chloromethane	2.0E-03 J	2.0E-03 J	MG/KG	78SB03-00	1/44	0.0039 - 0.0096	2.0E-03	NA	1.1E+01 N	NA	NA	NO	BSL
	74-88-4	Iodomethane	1.4E-03 J	1.2E-02 J	MG/KG	78SB02-01	11/44	0.0039 - 0.0096	1.2E-02	NA	N/A	NA	NA	NO	NTX
	91-57-6	2-Methylnaphthalene	1.9E-02	1.9E-02	MG/KG	78SB12-00	1/78	0.007 - 0.16	1.9E-02	NA	2.3E+01 N	NA	NA	NO	BSL
	83-32-9	Acenaphthene	8.0E-04 J	1.8E-02	MG/KG	78SB12-00	5/78	0.007 - 0.16	1.8E-02	NA	3.5E+02 N	NA	NA	NO	BSL
	208-96-8	Acenaphthylene	2.6E-02	2.6E-02	MG/KG	78SB12-00	1/78	0.007 - 0.16	2.6E-02	NA	3.5E+02 N	NA	NA	NO	BSL
	120-12-7	Anthracene	1.3E-03 J	4.3E-02	MG/KG	78SB12-00	9/78	0.007 - 0.16	4.3E-02	NA	1.7E+03 N	NA	NA	NO	BSL
	56-55-3	Benzo(a)anthracene	2.9E-03 J	1.7E-01 J	MG/KG	78SB24-00	19/75	0.007 - 0.16	1.7E-01	NA	1.5E-01 C	NA	NA	YES	ASL
	50-32-8	Benzo(a)pyrene	9.9E-04 J	1.4E-01 J	MG/KG	78SB24-00	24/75	0.007 - 0.16	1.4E-01	NA	1.5E-02 C	NA	NA	YES	ASL
	205-99-2	Benzo(b)fluoranthene	1.6E-03 J	1.9E-01 J	MG/KG	78SB24-00	25/76	0.007 - 0.16	1.9E-01	NA	1.5E-01 C	NA	NA	YES	ASL
	191-24-2	Benzo(g,h,i)perylene	2.0E-03 J	2.9E-01 J	MG/KG	78SB03-00	27/77	0.007 - 0.16	2.9E-01	NA	1.7E+02 N	NA	NA	NO	BSL
	207-08-9	Benzo(k)fluoranthene	1.4E-03 J	1.5E-01 J	MG/KG	78SB24-00	16/75	0.007 - 0.16	1.5E-01	NA	1.5E+00 C	NA	NA	NO	BSL
	100-51-6	Benzyl alcohol	1.0E-02 J	1.0E-02 J	MG/KG	78SB03-01	1/44	0.034 - 0.8	1.0E-02	NA	6.2E+02 N	NA	NA	NO	BSL
	117-81-7	bis(2-Ethylhexyl)phthalate	1.0E-02 J	4.2E-02 J	MG/KG	78SB08-00D	5/43	0.034 - 0.8	4.2E-02	NA	3.8E+01 C	NA	NA	NO	BSL
	218-01-9	Chrysene	1.2E-03 J	1.8E-01 J	MG/KG	78SB24-00	29/78	0.007 - 0.16	1.8E-01	NA	1.5E+01 C	NA	NA	NO	BSL
	53-70-3	Dibenz(a,h)anthracene	1.1E-03 J	3.4E-02 J	MG/KG	78SB24-00	17/75	0.007 - 0.16	3.4E-02	NA	1.5E-02 C	NA	NA	YES	ASL
	132-64-9	Dibenzofuran	3.3E-02 J	3.3E-02 J	MG/KG	78SB12-00	1/44	0.034 - 0.8	3.3E-02	NA	7.2E+00 N	NA	NA	NO	BSL
	206-44-0	Fluoranthene	1.3E-03 J	2.1E-01 J	MG/KG	78SB24-00	25/78	0.007 - 0.16	2.1E-01	NA	2.3E+02 N	NA	NA	NO	BSL
	86-73-7	Fluorene	7.2E-04 J	5.3E-02	MG/KG	78SB12-00	7/78	0.007 - 0.16	5.3E-02	NA	2.3E+02 N	NA	NA	NO	BSL
	193-39-5	Indeno(1,2,3-cd)pyrene	1.6E-03 J	1.1E-01 J	MG/KG	78SB24-00	21/75	0.007 - 0.16	1.1E-01	NA	1.5E-01 C	NA	NA	NO	BSL
	91-20-3	Naphthalene	6.7E-04 J	9.9E-02	MG/KG	78SB12-00	7/78	0.007 - 0.16	9.9E-02	NA	3.8E+00 C	NA	NA	NO	BSL
	85-01-8	Phenanthrene	9.2E-04 J	2.2E-01	MG/KG	78SB12-00	19/78	0.007 - 0.16	2.2E-01	NA	1.7E+03 N	NA	NA	NO	BSL
	108-95-2	Phenol	5.3E-03 J	6.5E-03 J	MG/KG	78SB02-00	2/44	0.034 - 0.8	6.5E-03	NA	1.8E+03 N	NA	NA	NO	BSL
	129-00-0	Pyrene	1.9E-03 J	2.9E-01 J	MG/KG	78SB24-00	29/77	0.007 - 0.16	2.9E-01	NA	1.7E+02 N	NA	NA	NO	BSL
	11096-82-5	Aroclor-1260	3.3E-02 J	4.8E-02 J	MG/KG	78SB11-00	2/44	0.035 - 0.044	4.8E-02	NA	2.4E-01 C	NA	NA	NO	BSL
	7440-36-0	Antimony	8.9E-02 J	4.0E+00 J	MG/KG	78SB03-00	7/44	0.48 - 0.64	4.0E+00	NA	3.1E+00 N	NA	NA	YES	ASL
	7440-38-2	Arsenic	1.6E-01 J	1.0E+02 J	MG/KG	78SB55-00	108/116	0.48 - 1.39	1.0E+02	3.2E+00	6.7E-01 C	NA	NA	YES	ASL
	7440-39-3	Barium	1.3E+01	4.5E+02	MG/KG	78SB10-01	116/116	0.95 - 6.55	4.5E+02	3.5E+02	1.5E+03 N	NA	NA	NO	BSL
	7440-41-7	Beryllium	4.7E-02 J	5.2E-01	MG/KG	78SB21-00	116/116	0.095 - 0.695	5.2E-01	6.7E-01	1.6E+01 N	NA	NA	NO	BSL
	7440-43-9	Cadmium	3.1E-02 J	3.7E+00	MG/KG	78SB02-01	114/116	0.095 - 0.655	3.7E+00	6.0E-01	7.0E+00 N	NA	NA	NO	BSL
	7440-47-3	Chromium	5.6E+00	2.0E+02 J	MG/KG	78SB55-00	114/114	0.95 - 8.34	2.0E+02	1.7E+02	3.0E-01 N	NA	NA	YES	ASL
	7440-48-4	Cobalt	6.6E+00	6.0E+01 J	MG/KG	78SB27-01	116/116	0.095 - 0.695	6.0E+01	5.0E+01	2.3E+00 N	NA	NA	YES	ASL

TABLE 2.2

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

Scenario Timeframe: Future (Resident)
Medium: Soil
Exposure Medium: Total Soil (0-6 ft)

Exposure Point	CAS Number	Chemical	Minimum [1] Concentration Qualifier	Maximum [1] Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration [2] Used for Screening	Background [3] Value	Screening [4] Toxicity Value	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for [5] Contaminant Deletion or Selection
	7440-50-8	Copper	8.2E+00	6.2E+02 J	MG/KG	78SB27-01	116/116	0.917 - 2.8	6.2E+02	2.8E+02	3.1E+02 N	NA	NA	YES	ASL
	7439-92-1	Lead	3.8E-01	1.6E+02 J	MG/KG	78SB49-00	96/99	0.29 - 0.695	1.6E+02	1.2E-01	4.0E+02 L	NA	NA	NO	BSL
	7439-97-6	Mercury	8.1E-03 J	1.7E-01	MG/KG	78SB46-00	57/116	0.019 - 0.0445	1.7E-01	3.4E+01	2.3E+00 N	NA	NA	NO	BSL
	7440-02-0	Nickel	4.8E+00	4.9E+01	MG/KG	78SB16-00	116/116	0.19 - 0.695	4.9E+01	2.6E+00	1.5E+02 N	NA	NA	NO	BSL
	7782-49-2	Selenium	1.3E-01 J	1.4E+00	MG/KG	78SB12-00	64/116	0.48 - 3.48	1.4E+00	NA	3.9E+01 N	NA	NA	NO	BSL
	7440-22-4	Silver	2.2E-02 J	2.4E-01 J	MG/KG	78SB26-00	76/116	0.19 - 0.655	2.4E-01	NA	3.9E+01 N	NA	NA	NO	BSL
	7440-28-0	Thallium	1.7E-02 J	3.5E-01 J	MG/KG	78SB09-01	65/116	0.38 - 0.655	3.5E-01	2.7E-01	7.8E-02 N	NA	NA	YES	ASL
	7440-31-5	Tin	4.5E+00 J	1.8E+01	MG/KG	78SB46-00	6/116	10.4 - 26	1.8E+01	3.5E+00	4.7E+03 N	NA	NA	NO	BSL
	7440-62-2	Vanadium	5.5E+01	7.8E+02 J	MG/KG	78SB39-01	116/116	0.95 - 3.48	7.8E+02	4.8E+02	3.9E+01 N	NA	NA	YES	ASL
	7440-66-6	Zinc	1.9E+01 J	6.6E+02 J	MG/KG	78SB24-00	115/115	2.29 - 5.1	6.6E+02	1.1E+02	2.3E+03 N	NA	NA	NO	BSL

* Surface soil & subsurface soil combined

[1] Minimum/Maximum detected concentrations.

[2] Maximum concentration is used for screening.

[3] Background threshold value of subsurface soil - clay (CH2M HILL, 2013)

[4] Regional Screening Levels for Chemical Contaminants at Superfund Sites (May, 2014). [Online]. Concentrations based on non-carcinogenic health effects are adjusted using HQ=0.1. Available: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm

RSL value for Acenaphthene used as surrogate for Acenaphthylene.

RSL value for pyrene used as surrogate for benzo(g,h,i)perylene.

RSL value for anthracene used as surrogate for phenanthrene.

RSL value for Chromium(VI) used as surrogate for chromium.

The soil value of 400 mg/kg for lead is from the Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities, USEPA, July 14, 1994.

RSL value for Mercury (inorganic salts) used as surrogate for mercury.

[5] Rationale Codes

Selection Reason: Above Screening Levels (ASL)

Deletion Reason: No Toxicity Information (NTX)

Below Screening Level (BSL)

COPC = Chemical of Potential Concern

ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered

J = Estimated Value

C = Carcinogenic

N = Noncarcinogenic

L = SL for lead is based on EPA's Adult Lead Methodology (ALM)

SL = screening level

TABLE 2.2a

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

Scenario Timeframe: Future (Industrial Worker)
Medium: Soil
Exposure Medium: Total Soil (0-6 ft)

Exposure Point	CAS Number	Chemical	Minimum [1] Concentration Qualifier	Maximum [1] Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration [2] Used for Screening	Background [3] Value	Screening [4] Toxicity Value	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for [5] Contaminant Deletion or Selection
Total Soil (0-6 ft)	106-46-7	1,4-Dichlorobenzene	7.8E-03 J	9.1E-03 J	MG/KG	78SB08-00	2/44	0.034 - 0.8	9.1E-03	NA	1.1E+01 C	NA	NA	NO	BSL
	591-78-6	2-Hexanone	4.1E-03 J	4.1E-03 J	MG/KG	78SB14-00	1/44	0.02 - 0.048	4.1E-03	NA	1.3E+02 N	NA	NA	NO	BSL
	67-64-1	Acetone	8.1E-03 J	2.5E-01 J	MG/KG	78SB01-00	31/44	0.039 - 0.096	2.5E-01	NA	6.7E+04 N	NA	NA	NO	BSL
	71-43-2	Benzene	7.6E-04 J	1.4E-03 J	MG/KG	78SB11-00	4/44	0.0039 - 0.0096	1.4E-03	NA	5.1E+00 C	NA	NA	NO	BSL
	75-15-0	Carbon disulfide	5.7E-04 J	8.0E-03	MG/KG	78SB03-00	4/44	0.0039 - 0.0096	8.0E-03	NA	3.5E+02 N	NA	NA	NO	BSL
	74-87-3	Chloromethane	2.0E-03 J	2.0E-03 J	MG/KG	78SB03-00	1/44	0.0039 - 0.0096	2.0E-03	NA	4.6E+01 N	NA	NA	NO	BSL
	74-88-4	Iodomethane	1.4E-03 J	1.2E-02 J	MG/KG	78SB02-01	11/44	0.0039 - 0.0096	1.2E-02	NA	N/A	NA	NA	NO	NTX
	91-57-6	2-Methylnaphthalene	1.9E-02	1.9E-02	MG/KG	78SB12-00	1/78	0.007 - 0.16	1.9E-02	NA	3.0E+02 N	NA	NA	NO	BSL
	83-32-9	Acenaphthene	8.0E-04 J	1.8E-02	MG/KG	78SB12-00	5/78	0.007 - 0.16	1.8E-02	NA	4.5E+03 N	NA	NA	NO	BSL
	208-96-8	Acenaphthylene	2.6E-02	2.6E-02	MG/KG	78SB12-00	1/78	0.007 - 0.16	2.6E-02	NA	4.5E+03 N	NA	NA	NO	BSL
	120-12-7	Anthracene	1.3E-03 J	4.3E-02	MG/KG	78SB12-00	9/78	0.007 - 0.16	4.3E-02	NA	2.3E+04 N	NA	NA	NO	BSL
	56-55-3	Benzo(a)anthracene	2.9E-03 J	1.7E-01 J	MG/KG	78SB24-00	19/75	0.007 - 0.16	1.7E-01	NA	2.9E+00 C	NA	NA	NO	BSL
	50-32-8	Benzo(a)pyrene	9.9E-04 J	1.4E-01 J	MG/KG	78SB24-00	24/75	0.007 - 0.16	1.4E-01	NA	2.9E-01 C	NA	NA	NO	BSL
	205-99-2	Benzo(b)fluoranthene	1.6E-03 J	1.9E-01 J	MG/KG	78SB24-00	25/76	0.007 - 0.16	1.9E-01	NA	2.9E+00 C	NA	NA	NO	BSL
	191-24-2	Benzo(g,h,i)perylene	2.0E-03 J	2.9E-01 J	MG/KG	78SB03-00	27/77	0.007 - 0.16	2.9E-01	NA	2.3E+03 N	NA	NA	NO	BSL
	207-08-9	Benzo(k)fluoranthene	1.4E-03 J	1.5E-01 J	MG/KG	78SB24-00	16/75	0.007 - 0.16	1.5E-01	NA	2.9E+01 C	NA	NA	NO	BSL
	100-51-6	Benzyl alcohol	1.0E-02 J	1.0E-02 J	MG/KG	78SB03-01	1/44	0.034 - 0.8	1.0E-02	NA	8.2E+03 N	NA	NA	NO	BSL
	117-81-7	bis(2-Ethylhexyl)phthalate	1.0E-02 J	4.2E-02 J	MG/KG	78SB08-00D	5/43	0.034 - 0.8	4.2E-02	NA	1.6E+02 C	NA	NA	NO	BSL
	218-01-9	Chrysene	1.2E-03 J	1.8E-01 J	MG/KG	78SB24-00	29/78	0.007 - 0.16	1.8E-01	NA	2.9E+02 C	NA	NA	NO	BSL
	53-70-3	Dibenz(a,h)anthracene	1.1E-03 J	3.4E-02 J	MG/KG	78SB24-00	17/75	0.007 - 0.16	3.4E-02	NA	2.9E-01 C	NA	NA	NO	BSL
	132-64-9	Dibenzofuran	3.3E-02 J	3.3E-02 J	MG/KG	78SB12-00	1/44	0.034 - 0.8	3.3E-02	NA	1.0E+02 N	NA	NA	NO	BSL
	206-44-0	Fluoranthene	1.3E-03 J	2.1E-01 J	MG/KG	78SB24-00	25/78	0.007 - 0.16	2.1E-01	NA	3.0E+03 N	NA	NA	NO	BSL
	86-73-7	Fluorene	7.2E-04 J	5.3E-02	MG/KG	78SB12-00	7/78	0.007 - 0.16	5.3E-02	NA	3.0E+03 N	NA	NA	NO	BSL
	193-39-5	Indeno(1,2,3-cd)pyrene	1.6E-03 J	1.1E-01 J	MG/KG	78SB24-00	21/75	0.007 - 0.16	1.1E-01	NA	2.9E+00 C	NA	NA	NO	BSL
	91-20-3	Naphthalene	6.7E-04 J	9.9E-02	MG/KG	78SB12-00	7/78	0.007 - 0.16	9.9E-02	NA	1.7E+01 C	NA	NA	NO	BSL
	85-01-8	Phenanthrene	9.2E-04 J	2.2E-01	MG/KG	78SB12-00	19/78	0.007 - 0.16	2.2E-01	NA	2.3E+04 N	NA	NA	NO	BSL
	108-95-2	Phenol	5.3E-03 J	6.5E-03 J	MG/KG	78SB02-00	2/44	0.034 - 0.8	6.5E-03	NA	2.5E+04 N	NA	NA	NO	BSL
	129-00-0	Pyrene	1.9E-03 J	2.9E-01 J	MG/KG	78SB24-00	29/77	0.007 - 0.16	2.9E-01	NA	2.3E+03 N	NA	NA	NO	BSL
	11096-82-5	Aroclor-1260	3.3E-02 J	4.8E-02 J	MG/KG	78SB11-00	2/44	0.035 - 0.044	4.8E-02	NA	1.0E+00 C	NA	NA	NO	BSL
	7440-36-0	Antimony	8.9E-02 J	4.0E+00 J	MG/KG	78SB03-00	7/44	0.48 - 0.64	4.0E+00	NA	4.7E+01 N	NA	NA	NO	BSL
	7440-38-2	Arsenic	1.6E-01 J	1.0E+02 J	MG/KG	78SB55-00	108/116	0.48 - 1.39	1.0E+02	3.2E+00	3.0E+00 C	NA	NA	YES	ASL
	7440-39-3	Barium	1.3E+01	4.5E+02	MG/KG	78SB10-01	116/116	0.95 - 6.55	4.5E+02	3.5E+02	2.2E+04 N	NA	NA	NO	BSL
	7440-41-7	Beryllium	4.7E-02 J	5.2E-01	MG/KG	78SB21-00	116/116	0.095 - 0.695	5.2E-01	6.7E-01	2.3E+02 N	NA	NA	NO	BSL
	7440-43-9	Cadmium	3.1E-02 J	3.7E+00	MG/KG	78SB02-01	114/116	0.095 - 0.655	3.7E+00	6.0E-01	9.8E+01 N	NA	NA	NO	BSL
	7440-47-3	Chromium	5.6E+00	2.0E+02 J	MG/KG	78SB55-00	114/114	0.95 - 8.34	2.0E+02	1.7E+02	6.3E+00 N	NA	NA	YES	ASL
	7440-48-4	Cobalt	6.6E+00	6.0E+01 J	MG/KG	78SB27-01	116/116	0.095 - 0.695	6.0E+01	5.0E+01	3.5E+01 N	NA	NA	YES	ASL

TABLE 2.2a

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

Scenario Timeframe: Future (Industrial Worker)
Medium: Soil
Exposure Medium: Total Soil (0-6 ft)

Exposure Point	CAS Number	Chemical	Minimum [1] Concentration Qualifier	Maximum [1] Concentration Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration [2] Used for Screening	Background [3] Value	Screening [4] Toxicity Value	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for [5] Contaminant Deletion or Selection
	7440-50-8	Copper	8.2E+00	6.2E+02 J	MG/KG	78SB27-01	116/116	0.917 - 2.8	6.2E+02	2.8E+02	4.7E+03 N	NA	NA	NO	BSL
	7439-92-1	Lead	3.8E-01	1.6E+02 J	MG/KG	78SB49-00	96/99	0.29 - 0.695	1.6E+02	1.2E-01	8.0E+02 L	NA	NA	NO	BSL
	7439-97-6	Mercury	8.1E-03 J	1.7E-01	MG/KG	78SB46-00	57/116	0.019 - 0.0445	1.7E-01	3.4E+01	3.5E+01 N	NA	NA	NO	BSL
	7440-02-0	Nickel	4.8E+00	4.9E+01	MG/KG	78SB16-00	116/116	0.19 - 0.695	4.9E+01	2.6E+00	2.2E+03 N	NA	NA	NO	BSL
	7782-49-2	Selenium	1.3E-01 J	1.4E+00	MG/KG	78SB12-00	64/116	0.48 - 3.48	1.4E+00	NA	5.8E+02 N	NA	NA	NO	BSL
	7440-22-4	Silver	2.2E-02 J	2.4E-01 J	MG/KG	78SB26-00	76/116	0.19 - 0.655	2.4E-01	NA	5.8E+02 N	NA	NA	NO	BSL
	7440-28-0	Thallium	1.7E-02 J	3.5E-01 J	MG/KG	78SB09-01	65/116	0.38 - 0.655	3.5E-01	2.7E-01	1.2E+00 N	NA	NA	NO	BSL
	7440-31-5	Tin	4.5E+00 J	1.8E+01	MG/KG	78SB46-00	6/116	10.4 - 26	1.8E+01	3.5E+00	7.0E+04 N	NA	NA	NO	BSL
	7440-62-2	Vanadium	5.5E+01	7.8E+02 J	MG/KG	78SB39-01	116/116	0.95 - 3.48	7.8E+02	4.8E+02	5.8E+02 N	NA	NA	YES	ASL
	7440-66-6	Zinc	1.9E+01 J	6.6E+02 J	MG/KG	78SB24-00	115/115	2.29 - 5.1	6.6E+02	1.1E+02	3.5E+04 N	NA	NA	NO	BSL

* Surface soil & subsurface soil combined

[1] Minimum/Maximum detected concentrations.

[2] Maximum concentration is used for screening.

[3] Background threshold value of subsurface soil - clay (CH2M HILL, 2013)

[4] Regional Screening Levels for Chemical Contaminants at Superfund Sites (May, 2014). [Online]. Concentrations based on non-carcinogenic health effects are adjusted using HQ=0.1. Available: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm

RSL value for Acenaphthene used as surrogate for Acenaphthylene.

RSL value for pyrene used as surrogate for benzo(g,h,i)perylene.

RSL value for anthracene used as surrogate for phenanthrene.

RSL value for Chromium(VI) used as surrogate for chromium.

The soil value of 800 mg/kg for lead is from the EPA Lead Working Group.

RSL value for Mercury (inorganic salts) used as surrogate for mercury.

[5] Rationale Codes

Selection Reason: Above Screening Levels (ASL)

Deletion Reason: No Toxicity Information (NTX)

Below Screening Level (BSL)

COPC = Chemical of Potential Concern

ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered

J = Estimated Value

C = Carcinogenic

N = Noncarcinogenic

L = SL for lead is based on EPA's Adult Lead Methodology (ALM)

SL = screening level

TABLE 3.1.RME
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future (Resident)
Medium: Soil
Exposure Medium: Surface Soil (0-2 ft)

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)		Maximum Concentration (Qualifier)		Exposure Point Concentration			
								Value	Units	Statistic	Rationale
Surface Soil (0 - 2 ft)	Benzo(a)anthracene	mg/kg	1.5E+01	2.4E-02	G	1.7E-01	J	2.4E-02	mg/kg	95% Approximate Gamma KM-UCL	(3)
	Benzo(a)pyrene	mg/kg	1.7E+01	2.7E-02	G	1.4E-01	J	2.7E-02	mg/kg	95% GROS Approximate Gamma UCL	(3)
	Benzo(b)fluoranthene	mg/kg	2.1E+01	3.4E-02	G	1.9E-01	J	3.4E-02	mg/kg	95% Approximate Gamma KM-UCL	(3)
	Dibenz(a,h)anthracene	mg/kg	4.7E+00	5.3E-03		3.4E-02	J	5.3E-03	mg/kg	95% KM (% Bootstrap) UCL	(4)
	Antimony	mg/kg	4.5E-01	7.2E-01		4.0E+00	J	7.2E-01	mg/kg	95% KM (t) UCL	(4)
	Arsenic	mg/kg	3.9E+00	9.6E+00		1.0E+02	J	9.6E+00	mg/kg	95% KM (Chebyshev) UCL	(4)
	Chromium	mg/kg	2.4E+01	3.5E+01		2.0E+02	J	3.5E+01	mg/kg	95% Chebyshev (Mean, Sd) UCL	(4)
	Cobalt	mg/kg	2.2E+01	2.4E+01	G	6.0E+01	J	2.4E+01	mg/kg	95% Approximate Gamma UCL	(3)
	Copper	mg/kg	9.5E+01	1.3E+02		6.2E+02	J	1.3E+02	mg/kg	95% Chebyshev (Mean, Sd) UCL	(4)
	Thallium	mg/kg	8.5E-02	6.6E-02		3.5E-01	J	6.6E-02	mg/kg	95% KM (BCA) UCL	(4)
	Vanadium	mg/kg	1.5E+02	1.7E+02	N	7.8E+02	J	1.7E+02	mg/kg	95% Modified-t UCL	(2)

Notes:
ProUCL, Version 5.0 used to determine distribution of data. ProUCL used to calculate RME EPC, following recommendations
based on distribution and standard deviation in users guide (USEPA. September, 2013. ProUCL, Version 5.0. Prepared by Lockheed Martin Environmental Services).
KM: Kaplan-Meier; GROS: gamma regression on order statistics; BCA: bias-corrected accelerated bootstrap method
KM (Chebyshev) - UCL based upon Kaplan-Meier estimates using the Chebyshev inequality
KM (t) - UCL based upon Kaplan-Meier estimates using the Student's t-distribution critical value

(1) Shapiro-Wilk W/Lilliefors Test indicates data are log-normally distributed.
(2) Shapiro-Wilk W/Lilliefors Test indicates data are normally distributed.
(3) Anderson-Darling and/or Kolmogorov-Smirnov Tests indicate data are gamma distributed.
(4) Distribution tests are inconclusive (data are not normal, log-normal, or gamma-distributed).
(5) The maximum detected concentration was used as the EPC because the value recommended by ProUCL was higher than the Max.
(6) The maximum detected concentration was used as the EPC because there are less than 4 detects.

G = Gamma distribution.
N = Normal distribution.
mg/kg = Milligram per kilogram

TABLE 3.1a.RME
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future (Resident)
Medium: Soil
Exposure Medium: Surface Soil (0-2 ft) and Total Soil (0-6 ft)

Exposure Point	Chemical of Potential Concern	Surface Soil (0-2 ft) 95% UCL (Distribution) (1)		Surface Soil (0-2 ft) Maximum Concentration (Qualifier)		Total Soil (0-6 ft) 95% UCL (Distribution) (2)		Total Soil (0-6 ft) Maximum Concentration (Qualifier)		Exposure Point Concentration (3)			
										Value	Units	Statistic	Data Group
Surface Soil (0-2 ft) and Total Soil (0 - 6 ft)	Benzo(a)anthracene	2.4E-02	G	1.7E-01	J	1.9E-02	G	1.7E-01	J	2.4E-02	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Benzo(a)pyrene	2.7E-02	G	1.4E-01	J	2.1E-02	G	1.4E-01	J	2.7E-02	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Benzo(b)fluoranthene	3.4E-02	G	1.9E-01	J	2.5E-02	G	1.9E-01	J	3.4E-02	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Dibenz(a,h)anthracene	5.3E-03		3.4E-02	J	4.0E-03		3.4E-02	J	5.3E-03	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Antimony	7.2E-01		4.0E+00	J	5.0E-01		4.0E+00	J	7.2E-01	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Arsenic	9.6E+00		1.0E+02	J	7.6E+00		1.0E+02	J	9.6E+00	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Chromium	3.5E+01		2.0E+02	J	3.2E+01		2.0E+02	J	3.5E+01	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Cobalt	2.4E+01	G	6.0E+01	J	2.4E+01	G	6.0E+01	J	2.4E+01	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Copper	1.3E+02		6.2E+02	J	1.2E+02		6.2E+02	J	1.3E+02	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Thallium	6.6E-02		3.5E-01	J	6.6E-02		3.5E-01	J	6.6E-02	mg/kg	95% UCL	Surface Soil (0-2 ft)
	Vanadium	1.7E+02	N	7.8E+02	J	1.6E+02	N	7.8E+02	J	1.7E+02	mg/kg	95% UCL	Surface Soil (0-2 ft)

Note
(1) See Table 3.1 for selection of surface soil EPCs.
(2) See Table 3.2 for selection of total soil EPCs.
(3) For each COPC, the higher calculated EPC of two soil depths intervals (Surface Soil [0-2 ft] and Total Soil [0-6 ft]) was used as the final EPCs in intake calculations.
G = Gamma distribution.
N = Normal distribution.

mg/kg = Milligram per kilogram

TABLE 3.1b.RME
EXPOSURE POINT CONCENTRATION SUMMARY
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future (Resident)
Medium: Soil
Exposure Medium: Ambient Air

Exposure Point	Chemical of Potential Concern	Exposure Point Concentration in Soil		Exposure Point Concentration in Ambient Air	
		Value (1)	Units	Value (2)	Units
Emissions from Surface Soil and Total Soil	Benzo(a)anthracene	2.4E-02	mg/kg	4.2E-11	mg/m^3
	Benzo(a)pyrene	2.7E-02	mg/kg	4.6E-11	mg/m^3
	Benzo(b)fluoranthene	3.4E-02	mg/kg	5.9E-11	mg/m^3
	Dibenz(a,h)anthracene	5.3E-03	mg/kg	9.2E-12	mg/m^3
	Antimony	7.2E-01	mg/kg	1.2E-09	mg/m^3
	Arsenic	9.6E+00	mg/kg	1.7E-08	mg/m^3
	Chromium	3.5E+01	mg/kg	6.0E-08	mg/m^3
	Cobalt	2.4E+01	mg/kg	4.1E-08	mg/m^3
	Copper	1.3E+02	mg/kg	2.2E-07	mg/m^3
	Thallium	6.6E-02	mg/kg	1.1E-10	mg/m^3
	Vanadium	1.7E+02	mg/kg	2.9E-07	mg/m^3

(1) Selection of exposure point concentrations presented on Table 3.1a.RME.

(2) Ambient air exposure point concentration calculated using a Particulate Emission Factor (PEF) of 5.81×10^8 m^3/kg as shown below; derivation of PEF is presented on Table 4 Supplement B.

Concentration in ambient air (mg/m^3) = Concentration in soil (mg/kg) x [1/PEF (m^3/kg)]

mg/kg = milligrams/kilogram

mg/m^3 = milligram per cubic meter

TABLE 3.2.RME
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future (Resident)
Medium: Soil
Exposure Medium: Total Soil (0-6 ft)

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)		Maximum Concentration (Qualifier)		Exposure Point Concentration			
								Value	Units	Statistic	Rationale
Total Soil (0 - 6 ft)	Benzo(a)anthracene	mg/kg	1.14E+01	1.89E-02	G	1.67E-01	J	1.89E-02	mg/kg	95% GROS Approximate Gamma UCL	(3)
	Benzo(a)pyrene	mg/kg	1.24E+01	2.13E-02	G	1.40E-01	J	2.13E-02	mg/kg	95% GROS Approximate Gamma UCL	(3)
	Benzo(b)fluoranthene	mg/kg	1.57E+01	2.54E-02	G	1.85E-01	J	2.54E-02	mg/kg	95% GROS Approximate Gamma UCL	(3)
	Dibenz(a,h)anthracene	mg/kg	3.86E+00	3.99E-03		3.44E-02	J	3.99E-03	mg/kg	95% KM (% Bootstrap) UCL	(4)
	Antimony	mg/kg	3.35E-01	5.01E-01		4.00E+00	J	5.01E-01	mg/kg	95% KM (Percentile Bootstrap) UCL	(4)
	Arsenic	mg/kg	3.23E+00	7.64E+00		1.02E+02	J	7.64E+00	mg/kg	95% KM (Chebyshev) UCL	(4)
	Chromium	mg/kg	2.26E+01	3.16E+01		1.97E+02	J	3.16E+01	mg/kg	95% Chebyshev (Mean, Sd) UCL	(4)
	Cobalt	mg/kg	2.23E+01	2.36E+01	G	5.97E+01	J	2.36E+01	mg/kg	95% Approximate Gamma UCL	(3)
	Copper	mg/kg	9.38E+01	1.23E+02		6.24E+02	J	1.23E+02	mg/kg	95% Chebyshev (Mean, Sd) UCL	(4)
	Thallium	mg/kg	9.25E-02	6.63E-02		3.50E-01	J	6.63E-02	mg/kg	95% KM (% Bootstrap) UCL	(4)
	Vanadium	mg/kg	1.52E+02	1.65E+02	N	7.80E+02	J	1.65E+02	mg/kg	95% Modified-t UCL	(2)

Notes:
ProUCL, Version 5.0 used to determine distribution of data. ProUCL used to calculate RME EPC, following recommendations
based on distribution and standard deviation in users guide (USEPA. September, 2013. ProUCL, Version 5.0. Prepared by Lockheed Martin Environmental Services).
KM: Kaplan-Meier; GROS: gamma regression on order statistics.

(1) Shapiro-Wilk W/Lilliefors Test indicates data are log-normally distributed.
(2) Shapiro-Wilk W/Lilliefors Test indicates data are normally distributed.
(3) Anderson-Darling and/or Kolmogorov-Smirnov Tests indicate data are gamma distributed.
(4) Distribution tests are inconclusive (data are not normal, log-normal, or gamma-distributed).
(5) The maximum detected concentration was used as the EPC because the value recommended by ProUCL was higher than the Max.
(6) The maximum detected concentration was used as the EPC because there are less than 4 detects.

G = Gamma distribution.
N = Normal distribution.
mg/kg = Milligram per kilogram

TABLE 3.2a.RME
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future (Industrial Worker)
Medium: Soil
Exposure Medium: Total Soil (0-6 ft)

Exposure Point	Chemical of Potential Concern	Units	Arithmetic Mean	95% UCL (Distribution)		Maximum Concentration (Qualifier)		Exposure Point Concentration			
								Value	Units	Statistic	Rationale
Total Soil (0 - 6 ft)	Arsenic	mg/kg	3.23E+00	7.64E+00		1.02E+02	J	7.64E+00	mg/kg	95% KM (Chebyshev) UCL	(4)
	Chromium	mg/kg	2.26E+01	3.16E+01		1.97E+02	J	3.16E+01	mg/kg	95% Chebyshev (Mean, Sd) UCL	(4)
	Cobalt	mg/kg	2.23E+01	2.36E+01	G	5.97E+01	J	2.36E+01	mg/kg	95% Approximate Gamma UCL	(3)
	Vanadium	mg/kg	1.52E+02	1.65E+02	N	7.80E+02	J	1.65E+02	mg/kg	95% Modified-t UCL	(2)

Notes:
ProUCL, Version 5.0 used to determine distribution of data. ProUCL used to calculate RME EPC, following recommendations based on distribution and standard deviation in users guide (USEPA. September, 2013. ProUCL, Version 5.0. Prepared by Lockheed Martin Environmental Services).
KM: Kaplan-Meier

(1) Shapiro-Wilk W/Lilliefors Test indicates data are log-normally distributed.
(2) Shapiro-Wilk W/Lilliefors Test indicates data are normally distributed.
(3) Anderson-Darling and/or Kolmogorov-Smirnov Tests indicate data are gamma distributed.
(4) Distribution tests are inconclusive (data are not normal, log-normal, or gamma-distributed).
(5) The maximum detected concentration was used as the EPC because the value recommended by ProUCL was higher than the Max.
(6) The maximum detected concentration was used as the EPC because there are less than 4 detects.

G = Gamma distribution.
N = Normal distribution.
mg/kg = Milligram per kilogram

TABLE 3.2b.RME
EXPOSURE POINT CONCENTRATION SUMMARY
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future (Industrial Worker)
Medium: Soil
Exposure Medium: Ambient Air

Exposure Point	Chemical of Potential Concern	Exposure Point Concentration in Soil		Exposure Point Concentration in Ambient Air	
		Value (1)	Units	Value (2)	Units
Emissions from Total Soil	Arsenic	7.6E+00	mg/kg	1.3E-08	mg/m^3
	Chromium	3.2E+01	mg/kg	5.4E-08	mg/m^3
	Cobalt	2.4E+01	mg/kg	4.1E-08	mg/m^3
	Vanadium	1.6E+02	mg/kg	2.8E-07	mg/m^3

(1) Selection of exposure point concentrations presented on Table 3.2a.RME.

(2) Ambient air exposure point concentration calculated using a Particulate Emission Factor (PEF) of 5.81×10^8 m^3/kg as shown below; derivation of PEF is presented on Table 4 Supplement B.

Concentration in ambient air (mg/m^3) = Concentration in soil (mg/kg) x [1/PEF (m^3/kg)]

mg/kg = milligrams/kilogram

mg/m^3 = milligram per cubic meter

TABLE 4 Supplement A
DERMAL ABSORPTION FRACTION FROM SOIL
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Chemical Group	CAS Number	Chemical	Dermal Absorption Fraction	Note
PAH	56-55-3	Benzo(a)anthracene	0.13	USEPA, 2004 (1)
PAH	50-32-8	Benzo(a)pyrene	0.13	USEPA, 2004 (1)
PAH	205-99-2	Benzo(b)fluoranthene	0.13	USEPA, 2004 (1)
PAH	53-70-3	Dibenz(a,h)anthracene	0.13	USEPA, 2004 (1)
Metal	7440-36-0	Antimony	NA	(2)
Metal	7440-38-2	Arsenic	0.03	USEPA, 2004
Metal	7440-47-3	Chromium	NA	(2)
Metal	7440-48-4	Cobalt	NA	(2)
Metal	7440-50-8	Copper	NA	(2)
Metal	7440-28-0	Thallium	NA	(2)
Metal	7440-62-2	Vanadium	NA	(2)

Notes:
Dermal Absorption Fraction was obtained from EPA RAGS Part E Exhibit 3-4 (USEPA, 2004)

(1) Default dermal absorption faction for polycyclic aromatic hydrocarbons (PAHs)(USEPA, 2004).

(2) No default dermal absorption values are currently available for inorganics due to the lack of speciation-specific absorption data. Therefore, consistent with EPA RAGS Part E (USEPA, 2004) and RSL Table (USEPA, 2014), dermal exposure is not assessed for these constituents.

Sources:
USEPA, 2004: Risk Assessment Guidance for Superfund (RAGS) Volume I: Human Health Evaluation Manual.
(Part E, Supplemental Guidance for Dermal Risk Assessment (Final). EPA/540/R/99/005. July.
USEPA, 2014: Regional Screening Levels for Chemical Contaminants at Superfund Sites. May

TABLE 4 Supplement B
Particulate Emission Factor - Resident/Industrial Worker
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

PEF Equations:

$$Q/C_{wind} = A \times \exp\left[\frac{(\ln A_{site} - B)^2}{C}\right]$$

Exhibit D-2 (EPA, 2002)

$$PEF = Q/C_{wind} \times \frac{3{,}600 \sec/\mathrm{hr}}{0.036 \times (1-V) \times \left(U_m/U_t\right)^3 \times F(x)}$$

Equation 4-5 (EPA, 2002)

PEF and Box Model Input Parameters

Parameter	Definition	Value	Units	Source
Q/C_{wind}	inverse ratio of the geometric mean air concentration to the emission flux at the center of a square source	**54**	m	calculated
A	Constant for Zone 9 (Miami, FL)	12.196	unitless	Exhibit D-2 (EPA, 2002)
B	Constant for Zone 9 (Miami, FL)	19.065	unitless	Exhibit D-2 (EPA, 2002)
C	Constant for Zone 9 (Miami, FL)	215.392	unitless	Exhibit D-2 (EPA, 2002)
A_{site}	Areal extent of site contamination	3.1	acres	Note 2 (site-specific)
PEF	particulate emission factor	**5.81E+08**	m^3/kg	calculated
V	fraction of vegetative cover	0.5	unitless	Default (Eqn. 4-5)
Um	mean annual windspeed	5.19	m/s	Note 2 (Dept. of Navy, 1979)
Ut	equivalent threshold value of windspeed at 7 m	11.32	m/s	Default (Eqn. 4-5)
F(x)	function dependent on Um/Ut derived using Cowherd et al. (1985)	0.194	unitless	Default (Eqn. 4-5)

Source:

Note 1 - Approximate area of SWMU 78 (Baker, 2014) .

Note 2 - The daily average windspeed from measurements at Observation Post 5 on Vieques (10.1 knots = 5.19 m/s) was used.

Department of the Navy. 1979. Draft Environmental Impact Statement: Volume I – Continued Use of the Atlantic Fleet Weapons Training Facility Inner Range (Vieques). December.

EPA, 2002. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, EPA Office of Solid Waste and Emergency Response. OSWER 9355.4-24. December.

TABLE 4.1.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Medium: Soil
Exposure Medium: Surface Soil (0-2 ft) and Total Soil (0-6 ft)

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Resident	Adult	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	Chronic Daily Intake (CDI) (mg/kg-day) =
				IR-S	Ingestion Rate of Soil	100	mg/day	USEPA, 2014	CS x IR-S x EF x ED x CF x 1/BW x 1/AT
				EF	Exposure Frequency	350	days/year	USEPA, 2014	
				ED	Exposure Duration	20	years	USEPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	- -	
				BW	Body Weight	80	kg	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(1)	
		Child	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) =
				IR-S	Ingestion Rate of Soil	200	mg/day	USEPA, 2014	CS x IR-S x EF x ED x CF x 1/BW x 1/AT
				EF	Exposure Frequency	350	days/year	USEPA, 2014	
				ED	Exposure Duration	6	years	USEPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	- -	
				BW	Body Weight	15	kg	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(1)	
		Child/Adult Aggregate	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) =
				IR-S-Adj	Ingestion Rate of Soil, Age-adjusted	105	mg-year/kg-day	calculated	CS x IR-S-Adj x EF x CF x 1/AT
				EF	Exposure Frequency	350	days/year	USEPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	- -	IR-S-Adj (mg-year/kg-day) =
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	(ED-C x IR-S-C / BW-C) + (ED-A x IR-S-A / BW-A)
	Industrial Worker	Adult	Total Soil (0-6 ft)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) =
				IR-S	Ingestion Rate of Soil	100	mg/day	USEPA, 2014	CS x IR-S x EF x ED x CF x 1/BW x 1/AT
				EF	Exposure Frequency	250	days/year	USEPA, 2014	
				ED	Exposure Duration	25	years	USEPA, 2014	
				CF	Conversion Factor	0.000001	kg/mg	- -	
				BW	Body Weight	80	kg	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	9,125	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	

TABLE 4.1.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Medium: Soil
Exposure Medium: Surface Soil (0-2 ft) and Total Soil (0-6 ft)

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Dermal	Resident	Adult	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) =
				SA	Skin Surface Area Available for Contact	6,032	cm^2	USEPA, 2014 (3)	CS x SA x SSAF x DABS x CF x EF x
				SSAF	Soil to Skin Adherence Factor	0.07	mg/cm^2-day	USEPA, 2014	ED x 1/BW x 1/AT
				DABS	Dermal Absorption Factor Solids	chemical-specific	--	See Table 4 Supplement A	
				CF	Conversion Factor	0.000001	kg/mg	- -	
				EF	Exposure Frequency	350	days/year	USEPA, 2014	
				ED	Exposure Duration	20	years	USEPA, 2014	
				BW	Body Weight	80	kg	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(1)	
		Child	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) =
				SA	Skin Surface Area Available for Contact	2,690	cm^2	USEPA, 2014 (3)	CS x SA x SSAF x DABS x CF x EF x
				SSAF	Soil to Skin Adherence Factor	0.2	mg/cm^2-day	USEPA, 2014	ED x 1/BW x 1/AT
				DABS	Dermal Absorption Factor Solids	chemical-specific	--	See Table 4 Supplement A	
				CF	Conversion Factor	0.000001	kg/mg	- -	
				EF	Exposure Frequency	350	days/year	USEPA, 2014	
				ED	Exposure Duration	6	years	USEPA, 2014	
				BW	Body Weight	15	kg	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(1)	
		Child/Adult Aggregate	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) =
				DA-Adj	Dermal Absorption, Age-adjusted	321	mg-year/kg-day	calculated	CS x DA-Adj x DABS x CF x EF x 1/AT
				DABS	Dermal Absorption Factor Solids	chemical-specific	--	See Table 4 Supplement A	
				CF	Conversion Factor	0.000001	kg/mg	- -	DA-Adj (mg-year/kg-day) =
				EF	Exposure Frequency	350	days/year	USEPA, 2014	(ED-C x SA-C x SSAF-C / BW-C) + (ED-A x SA-A x SSAF-A / BW-A)
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	
	Industrial Worker	Adult	Total Soil (0-6 ft)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) =
				SA	Skin Surface Area Available for Contact	3,470	cm^2	USEPA, 2014 (4)	CS x SA x SSAF x DABS x CF x EF x
				SSAF	Soil to Skin Adherence Factor	0.12	mg/cm^2-day	USEPA, 2014	ED x 1/BW x 1/AT
				DABS	Dermal Absorption Factor Solids	chemical-specific	--	See Table 4 Supplement A	
				CF	Conversion Factor	0.000001	kg/mg	- -	
				EF	Exposure Frequency	250	days/year	USEPA, 2014	
				ED	Exposure Duration	25	years	USEPA, 2014	
				BW	Body Weight	80	kg	USEPA, 2014	
				AT-N	Averaging Time (Non-Cancer)	9,125	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	

Notes:
For the residential scenario, two soil intervals were evaluated - surface soil (0-2 ft bgs) and total soil (0-6 ft bgs).
(1) Calculated as the product of ED (years) x 365 days/year.
(2) Calculated as the product of 70 years assumed human lifetime (USEPA, 2014) x 365 days/year.
(3) SA includes head, hands, forearms, lower legs, and feet.
(4) SA includes head, hands, and forearms.

Sources:
USEPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

TABLE 4.1.RME Supplement
VALUES USED FOR DAILY INTAKE CALCULATIONS (MUTAGENIC MODE OF ACTION)
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Medium: Soil
Exposure Medium: Surface Soil (0-2 ft) and Total Soil (0-6 ft)

Exposure Route	Receptor Population	Exposure Point	Receptor Age	Age Group	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Resident	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Child/Adult Aggregate	Young Child (0-<2 yrs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	Chronic Daily Intake (CDI) (mg/kg-day) = CS x IR-S x EF x ED x CF x 1/BW x 1/AT
					IR-S	Ingestion Rate of Soil	200	mg/day	EPA, 2014	
					ED	Exposure Duration	2	years	--	
					BW	Body Weight	15	kg	EPA, 2014	
				Older Child (2-<6 yrs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	
					IR-S	Ingestion Rate of Soil	200	mg/day	EPA, 2014	
					ED	Exposure Duration	4	years	--	
					BW	Body Weight	15	kg	EPA, 2014	
				Adolescent (6-<16 yrs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	
					IR-S	Ingestion Rate of Soil	100	mg/day	EPA, 2014	
					ED	Exposure Duration	10	years	--	
					BW	Body Weight	80	kg	EPA, 2014	
				Adolescent/Adult Aggregate (16-<26 yrs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	
					IR-S	Ingestion Rate of Soil	100	mg/day	EPA, 2014	
					ED	Exposure Duration	10	years	--	
					BW	Body Weight	80	kg	EPA, 2014	
					EF	Exposure Frequency	350	days/year	EPA, 2014	
					AT-C	Averaging Time (Cancer)	25,550	days	(1)	
					CF	Conversion Factor	0.000001	kg/mg	- -	
Dermal	Resident	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Child/Adult Aggregate	Young Child (0-<2 yrs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	CDI (mg/kg-day) = CS x SA x SSAF x DABS x CF x EF x ED x 1/BW x 1/AT
					SA	Skin Surface Area Available for Contact	2,690	cm^2	EPA, 2014 (2)	
					SSAF	Soil to Skin Adherence Factor	0.2	mg/cm^2-day	EPA, 2014	
					ED	Exposure Duration	2	years	--	
					BW	Body Weight	15	kg	EPA, 2014	
				Older Child (2-<6 yrs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	
					SA	Skin Surface Area Available for Contact	2,690	cm^2	EPA, 2014 (2)	
					SSAF	Soil to Skin Adherence Factor	0.2	mg/cm^2-day	EPA, 2014	
					ED	Exposure Duration	4	years	--	
					BW	Body Weight	15	kg	EPA, 2014	
				Adolescent (6-<16 yrs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	
					SA	Skin Surface Area Available for Contact	6,032	cm^2	EPA, 2014 (3)	
					SSAF	Soil to Skin Adherence Factor	0.07	mg/cm^2-day	EPA, 2014	
					ED	Exposure Duration	10	years	--	
					BW	Body Weight	80	kg	EPA, 2014	
				Adolescent/Adult Aggregate (16-<26 yrs)	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	
					SA	Skin Surface Area Available for Contact	6,032	cm^2	EPA, 2014 (3)	
					SSAF	Soil to Skin Adherence Factor	0.07	mg/cm^2-day	EPA, 2014	
					ED	Exposure Duration	10	years	--	
					BW	Body Weight	80	kg	EPA, 2014	
					DABS	Dermal Absorption Factor Solids	Chemical-Specific	--	See Table 4 Supplement A	
					EF	Exposure Frequency	350	days/year	EPA, 2014	
					AT-C	Averaging Time (Cancer)	25,550	days	(1)	
					CF	Conversion Factor	0.000001	kg/mg	- -	

Notes:

(1) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.

(2) Weighted average of mean values for head, hands, forearms, lower legs, and feet (male and female, birth to <6 years).

(3) Weighted average of mean values for head, hands, forearms, lower legs, and feet (male and female, 21+ years).

Sources:

USEPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

TABLE 4.2.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Medium: Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Receptor Age	Exposure Point	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Resident	Adult	Emissions from Surface Soil and Total Soil	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	Exposure Concentration (EC) (mg/m^3) =
				CA	Chemical Concentration in Air	calculated	mg/m^3	calculated	CA x ET x EF x ED x CF x 1/AT
				PEF	Particulate Emission Factor	5.81E+08	m^3/kg	See Table 4 Supplement B	
				ET	Exposure Time	24	hr/day	USEPA, 2014	CA (mg/m^3) = CS (1/PEF)
				EF	Exposure Frequency	350	days/year	USEPA, 2014	
				ED	Exposure Duration	20	years	USEPA, 2014	
				CF	Conversion Factor	1/24	day/hr	- -	
				AT-N	Averaging Time (Non-Cancer)	7,300	days	(1)	
		Child	Emissions from Surface Soil and Total Soil	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	EC (mg/m^3) =
				CA	Chemical Concentration in Air	calculated	mg/m^3	calculated	CA x ET x EF x ED x CF x 1/AT
				PEF	Particulate Emission Factor	5.81E+08	m^3/kg	See Table 4 Supplement B	
				ET	Exposure Time	24	hr/day	USEPA, 2014	CA (mg/m^3) = CS (1/PEF)
				EF	Exposure Frequency	350	days/year	USEPA, 2014	
				ED	Exposure Duration	6	years	USEPA, 2014	
				CF	Conversion Factor	1/24	day/hr	- -	
				AT-N	Averaging Time (Non-Cancer)	2,190	days	(1)	
		Child/Adult Aggregate	Emissions from Surface Soil and Total Soil	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	EC (mg/m^3) =
				CA	Chemical Concentration in Air	calculated	mg/m^3	calculated	CA x ET x EF x ED x CF x 1/AT
				PEF	Particulate Emission Factor	5.81E+08	m^3/kg	See Table 4 Supplement B	
				ET	Exposure Time	24	hr/day	USEPA, 2014	CA (mg/m^3) = CS (1/PEF)
				EF	Exposure Frequency	350	days/year	USEPA, 2014	
				ED	Exposure Duration	26	years	USEPA, 2014	
				CF	Conversion Factor	1/24	day/hr	- -	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	
	Industrial Worker	Adult	Emissions from Total Soil	CS	Chemical Concentration in Soil	See Table 3s.RME	mg/kg	See Table 3s.RME	EC (mg/m^3) =
				CA	Chemical Concentration in Air	calculated	mg/m^3	calculated	CA x ET x EF x ED x CF x 1/AT
				PEF	Particulate Emission Factor	5.81E+08	m^3/kg	See Table 4 Supplement B	
				ET	Exposure Time	8	hr/day	USEPA, 2014	CA (mg/m^3) = CS (1/PEF)
				EF	Exposure Frequency	250	days/year	USEPA, 2014	
				ED	Exposure Duration	25	years	USEPA, 2014	
				CF	Conversion Factor	1/24	day/hr	- -	
				AT-N	Averaging Time (Non-Cancer)	9,125	days	(1)	
				AT-C	Averaging Time (Cancer)	25,550	days	(2)	

Notes:
(1) Calculated as the product of ED (years) x 365 days/year.
(2) Calculated as the product of 70 years assumed human lifetime (USEPA, 2014) x 365 days/year.

Sources:
USEPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

TABLE 4.2.RME Supplement
VALUES USED FOR DAILY INTAKE CALCULATIONS (MUTAGENIC MODE OF ACTION)
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Medium: Soil
Exposure Medium: Ambient Air

Exposure Route	Receptor Population	Exposure Point	Receptor Age	Age Group	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Inhalation	Resident	Emissions from Surface Soil and Total Soil	Child/Adult Aggregate	Young Child (0-<2 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 2	mg/kg mg/m^3 years	See Table 3s.RME calculated --	Exposure Concentration (EC) (mg/m^3) = CA x ET x EF x ED x CF x 1/AT CA (mg/m^3) = CS (1/PEF)
				Older Child (2-<6 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 4	mg/kg mg/m^3 years	See Table 3s.RME calculated --	
				Adolescent (6-<16 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 10	mg/kg mg/m^3 years	See Table 3s.RME calculated --	
				Adolescent/Adult Aggregate (16-<26 yrs)	CS CA ED	Chemical Concentration in Soil Chemical Concentration in Air Exposure Duration	See Table 3s.RME calculated 10	mg/kg mg/m^3 years	See Table 3s.RME calculated --	
					PEF ET EF AT-C CF	Particulate Emission Factor Exposure Time Exposure Frequency Averaging Time (Cancer) Conversion Factor	5.81E+08 24 350 25,550 0.000001	m^3/kg hr/day days/year days kg/mg	See Table 4 Supplement B EPA, 2014 EPA, 2014 (1) - -	

Notes:
(1) Calculated as the product of 70 years assumed human lifetime (EPA, 2014) x 365 days/year.

Sources:
USEPA, 2014: Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors, OSWER Directive 9200.1-120, February 6, 2014.

TABLE 5.1
NON-CANCER TOXICITY DATA -- ORAL/DERMAL
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD		Oral Absorption Efficiency for Dermal (1)	Absorbed RfD for Dermal (2)		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfD:Target Organ(s)	
		Value	Units		Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
Antimony	Chronic	4.0E-04	mg/kg-day	15%	6.0E-05	mg/kg-day	Whole body, Blood	1000 / 1	IRIS	05/30/2014
Arsenic	Chronic	3.0E-04	mg/kg-day	> 50%	3.0E-04	mg/kg-day	Skin, Vascular	3 / 1	IRIS	05/30/2014
Benzo(a)anthracene	Chronic	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	Chronic	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	Chronic	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	Chronic	1.5E+00	mg/kg-day	1.3%	2.0E-02	mg/kg-day	No Observed Effects	100	IRIS	05/30/2014
Cobalt	Chronic	3.0E-04	mg/kg-day	> 50%	3.0E-04	mg/kg-day	Thyroid	3000	PPRTV	08/25/2008
Copper	Chronic	4.0E-02	mg/kg-day	> 50%	4.0E-02	mg/kg-day	Gastrointestinal system	NA	HEAST	7/1997
Dibenz(a,h)anthracene	Chronic	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	Chronic	1.0E-05	mg/kg-day	> 50%	1.0E-05	mg/kg-day	Skin	3000	PPRTV	10/25/2012
Vanadium	Chronic	5.0E-03	mg/kg-day	2.6%	1.3E-04	mg/kg-day	Hair	100	RSL (3)	05/30/2014

Note:

(1) Source: Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. Section 4.2 and Exhibit 4-1. USEPA recommends that the oral RfD should not be adjusted to estimate the absorbed dose for compounds when the absorption efficiency is greater than 50%. Constituents that do not have oral absorption efficiencies reported on this table were assumed to have an oral absorption efficiency of 100%.

(2) Adjusted based on RAGS Part E.

(3) As cited in Regional Screening Levels (RSLs) for Chemical Contaminants at Superfund Sites (EPA, May 2014).

Definitions:
ATSDR = Agency for Toxic Substances & Disease Registry Minimal Risk Levels
IRIS = Integrated Risk Information System
PPRTV = Provisional Peer-Reviewed Toxicity Value: http://hhpprtv.ornl.gov/index.html
NA = Not Available
HEAST = Health Effects Assessment Summary Tables

TABLE 5.2
NON-CANCER TOXICITY DATA -- INHALATION
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Chemical of Potential Concern	Chronic/ Subchronic	Inhalation RfC		Primary Target Organ(s)	Combined Uncertainty/Modifying Factors	RfC : Target Organ(s)	
		Value	Units			Source(s)	Date(s) (MM/DD/YYYY)
Antimony	Chronic	NA	NA	NA	NA	NA	NA
Arsenic	Chronic	1.5E-05	mg/m^3	Reproductive, Developmental, Cardiovascular System, Nervous System, Respiratory, Skin	NA	Cal EPA (1)	11/2013
Benzo(a)anthracene	Chronic	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	Chronic	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	Chronic	NA	NA	NA	NA	NA	NA
Chromium	Chronic	NA	NA	NA	NA	NA	NA
Cobalt	Chronic	6.0E-06	mg/m^3	Respiratory	300	PPRTV	08/25/2008
Copper	Chronic	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	Chronic	NA	NA	NA	NA	NA	NA
Thallium	Chronic	NA	NA	NA	NA	NA	NA
Vanadium	Chronic	1.0E-04	mg/m^3	Respiratory	30	ATSDR	09/2012

(1) As cited in Regional Screening Levels (RSLs) for Chemical Contaminants at Superfund Sites (EPA, May 2014).

Definitions:
Cal/EPA = California Environmental Protection Agency
ATSDR = Agency for Toxic Substances & Disease Registry Minimal Risk Levels
PPRTV = Provisional Peer-Reviewed Toxicity Value: http://hhpprtv.ornl.gov/index.html
NA = Not Available

TABLE 6.1
CANCER TOXICITY DATA -- ORAL/DERMAL
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Chemical of Potential Concern	Oral Cancer Slope Factor		Oral Absorption Efficiency for Dermal (1)	Absorbed Cancer Slope Factor for Dermal (2)		Weight of Evidence/ Cancer Guideline Description	Oral CSF	
	Value	Units		Value	Units		Source(s)	Date(s) (MM/DD/YYYY)
Antimony	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	1.5E+00	$(mg/kg\text{-}day)^{-1}$	> 50%	1.5E+00	$(mg/kg\text{-}day)^{-1}$	A	IRIS	05/30/2014
Benzo(a)anthracene	7.3E-01	$(mg/kg\text{-}day)^{-1}$	58-89%	7.3E-01	$(mg/kg\text{-}day)^{-1}$	B2	ECA (3)	11/2013
Benzo(a)pyrene	7.3E+00	$(mg/kg\text{-}day)^{-1}$	58-89%	7.3E+00	$(mg/kg\text{-}day)^{-1}$	B2	IRIS	05/30/2014
Benzo(b)fluoranthene	7.3E-01	$(mg/kg\text{-}day)^{-1}$	58-89%	7.3E-01	$(mg/kg\text{-}day)^{-1}$	B2	ECA (3)	11/2013
Chromium	NA	NA	NA	NA	NA	D	IRIS	08/20/2014
Cobalt	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	D	IRIS	08/20/2014
Dibenz(a,h)anthracene	7.3E+00	$(mg/kg\text{-}day)^{-1}$	58-89%	7.3E+00	$(mg/kg\text{-}day)^{-1}$	B2	ECA (3)	11/2013
Thallium	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA	NA	NA

(1) Source: Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. Section 4.2 and Exhibit 4-1. USEPA recommends that the oral slope factor should not be adjusted to estimate the absorbed dose for compounds when the absorption efficiency is greater than 50%. Constituents that do not have oral absorption efficiencies reported on this table were assumed to have an oral absorption efficiency of 100%.

(2) Adjusted based on RAGS Part E.

(3) As cited in Regional Screening Levels (RSLs) for Chemical Contaminants at Superfund Sites (EPA, May 2014).

Definitions:
IRIS = Integrated Risk Information System
ECA = Environment Criteria and Assessment Office
NA = Not Available

Weight of Evidence definitions:
Group A chemicals (known human carcinogens) are agents for which there is sufficient evidence to support the causal association between exposure to the agents in humans and cancer.
Group B1 chemicals (probable human carcinogens) are agents for which there is limited evidence of possible carcinogenicity in humans.
Group B2 chemicals (probable human carcinogens) are agents for which there is sufficient evidence of carcinogenicity in animals but inadequate or a lack of evidence in humans.
Group C chemicals (possible human carcinogens) are agents for which there is limited evidence of carcinogenicity in animals and inadequate or a lack of human data.
Group D chemicals (not classifiable as to human carcinogenicity) are agents with inadequate human and animal evidence of carcinogenicity or for which no data are available.
Group E chemicals (evidence of noncarcinogenicity in humans) are agents for which there is no evidence of carcinogenicity from human or animal studies, or both.

TABLE 6.2
CANCER TOXICITY DATA -- INHALATION
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Chemical of Potential Concern	Unit Risk		Weight of Evidence/ Cancer Guideline Description	Unit Risk : Inhalation CSF	
	Value	Units		Source(s)	Date(s) (MM/DD/YYYY)
Antimony	NA	NA	NA	NA	NA
Arsenic	4.3E-03	$(ug/m^3)^{-1}$	A	IRIS	05/30/2014
Benzo(a)anthracene	1.1E-04	$(ug/m^3)^{-1}$	B2	Cal/EPA (1)	11/2013
Benzo(a)pyrene	1.1E-03	$(ug/m^3)^{-1}$	B2	Cal/EPA (1)	11/2013
Benzo(b)fluoranthene	1.1E-04	$(ug/m^3)^{-1}$	B2	Cal/EPA (1)	11/2013
Chromium	NA	NA	D	IRIS	08/20/2014
Cobalt	9.0E-03	$(ug/m^3)^{-1}$	NA	PPRTV	08/25/2008
Copper	NA	NA	D	IRIS	08/20/2014
Dibenz(a,h)anthracene	1.2E-03	$(ug/m^3)^{-1}$	B2	Cal/EPA (1)	11/2013
Thallium	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA

Definitions:
Cal/EPA = California Environmental Protection Agency
IRIS = Integrated Risk Information System
PPRTV = Provisional Peer-Reviewed Toxicity Value: http://hhpprtv.ornl.gov/index.html
NA = Not Available

(1) As cited in Regional Screening Levels (RSLs) for Chemical Contaminants at Superfund Sites (EPA, May 2014).

Weight of Evidence definitions:

Group A chemicals (known human carcinogens) are agents for which there is sufficient evidence to support the causal association between exposure to the agents in humans and cancer.

Group B1 chemicals (probable human carcinogens) are agents for which there is limited evidence of possible carcinogenicity in humans.

Group B2 chemicals (probable human carcinogens) are agents for which there is sufficient evidence of carcinogenicity in animals but inadequate or a lack of evidence in humans.

Group C chemicals (possible human carcinogens) are agents for which there is limited evidence of carcinogenicity in animals and inadequate or a lack of human data.

Group D chemicals (not classifiable as to human carcinogenicity) are agents with inadequate human and animal evidence of carcinogenicity or for which no data are available.

Group E chemicals (evidence of noncarcinogenicity in humans) are agents for which there is no evidence of carcinogenicity from human or animal studies, or both.

TABLE 7.1. RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Ingestion	Benzo(a)anthracene	2.4E-02	mg/kg	NA	NA	NA	NA	NA	2.9E-08	mg/kg-day	NA	NA	NA
				Benzo(a)pyrene	2.7E-02	mg/kg	NA	NA	NA	NA	NA	3.2E-08	mg/kg-day	NA	NA	NA
				Benzo(b)fluoranthene	3.4E-02	mg/kg	NA	NA	NA	NA	NA	4.1E-08	mg/kg-day	NA	NA	NA
				Dibenz(a,h)anthracene	5.3E-03	mg/kg	NA	NA	NA	NA	NA	6.4E-09	mg/kg-day	NA	NA	NA
				Antimony	7.2E-01	mg/kg	NA	NA	NA	NA	NA	8.6E-07	mg/kg-day	4.0E-04	mg/kg-day	2.1E-03
				Arsenic	9.6E+00	mg/kg	NA	NA	NA	NA	NA	1.1E-05	mg/kg-day	3.0E-04	mg/kg-day	3.8E-02
				Chromium	3.5E+01	mg/kg	NA	NA	NA	NA	NA	4.2E-05	mg/kg-day	1.5E+00	mg/kg-day	2.8E-05
				Cobalt	2.4E+01	mg/kg	NA	NA	NA	NA	NA	2.9E-05	mg/kg-day	3.0E-04	mg/kg-day	9.6E-02
				Copper	1.3E+02	mg/kg	NA	NA	NA	NA	NA	1.5E-04	mg/kg-day	4.0E-02	mg/kg-day	3.9E-03
				Thallium	6.6E-02	mg/kg	NA	NA	NA	NA	NA	7.9E-08	mg/kg-day	1.0E-05	mg/kg-day	7.9E-03
				Vanadium	1.7E+02	mg/kg	NA	NA	NA	NA	NA	2.0E-04	mg/kg-day	5.0E-03	mg/kg-day	4.0E-02
			Exp. Route Total								0.0E+00					1.9E-01
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Dermal	Benzo(a)anthracene	2.4E-02	mg/kg	NA	NA	NA	NA	NA	1.6E-08	mg/kg-day	NA	NA	NA
				Benzo(a)pyrene	2.7E-02	mg/kg	NA	NA	NA	NA	NA	1.8E-08	mg/kg-day	NA	NA	NA
				Benzo(b)fluoranthene	3.4E-02	mg/kg	NA	NA	NA	NA	NA	2.3E-08	mg/kg-day	NA	NA	NA
				Dibenz(a,h)anthracene	5.3E-03	mg/kg	NA	NA	NA	NA	NA	3.5E-09	mg/kg-day	NA	NA	NA
				Antimony	7.2E-01	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	6.0E-05	mg/kg-day	NA
				Arsenic	9.6E+00	mg/kg	NA	NA	NA	NA	NA	1.5E-06	mg/kg-day	3.0E-04	mg/kg-day	4.9E-03
				Chromium	3.5E+01	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	2.0E-02	mg/kg-day	NA
				Cobalt	2.4E+01	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	3.0E-04	mg/kg-day	NA
				Copper	1.3E+02	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	4.0E-02	mg/kg-day	NA
				Thallium	6.6E-02	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	1.0E-05	mg/kg-day	NA
				Vanadium	1.7E+02	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	1.3E-04	mg/kg-day	NA
			Exp. Route Total								0.0E+00					4.9E-03
		Exposure Point Total									0.0E+00					1.9E-01
	Exposure Medium Total										0.0E+00					1.9E-01
Soil	Ambient Air	Emissions from Surface Soil and Total Soil	Inhalation	Benzo(a)anthracene	4.2E-11	mg/m^3	NA	NA	NA	NA	NA	4.0E-11	mg/m^3	NA	NA	NA
				Benzo(a)pyrene	4.6E-11	mg/m^3	NA	NA	NA	NA	NA	4.4E-11	mg/m^3	NA	NA	NA
				Benzo(b)fluoranthene	5.9E-11	mg/m^3	NA	NA	NA	NA	NA	5.6E-11	mg/m^3	NA	NA	NA
				Dibenz(a,h)anthracene	9.2E-12	mg/m^3	NA	NA	NA	NA	NA	8.8E-12	mg/m^3	NA	NA	NA
				Antimony	1.2E-09	mg/m^3	NA	NA	NA	NA	NA	1.2E-09	mg/m^3	NA	NA	NA
				Arsenic	1.7E-08	mg/m^3	NA	NA	NA	NA	NA	1.6E-08	mg/m^3	1.5E-05	mg/m3	1.1E-03
				Chromium	6.0E-08	mg/m^3	NA	NA	NA	NA	NA	5.8E-08	mg/m^3	NA	NA	NA
				Cobalt	4.1E-08	mg/m^3	NA	NA	NA	NA	NA	4.0E-08	mg/m^3	6.0E-06	mg/m3	6.6E-03
				Copper	2.2E-07	mg/m^3	NA	NA	NA	NA	NA	2.1E-07	mg/m^3	NA	NA	NA
				Thallium	1.1E-10	mg/m^3	NA	NA	NA	NA	NA	1.1E-10	mg/m^3	NA	NA	NA
				Vanadium	2.9E-07	mg/m^3	NA	NA	NA	NA	NA	2.8E-07	mg/m^3	1.0E-04	mg/m3	2.8E-03
			Exp. Route Total								0.0E+00					1.0E-02
		Exposure Point Total									0.0E+00					1.0E-02
	Exposure Medium Total										0.0E+00					1.0E-02
Soil Total											0.0E+00					2.0E-01
Receptor Total											0.0E+00					2.0E-01

NA = Not applicable.

TABLE 7.2. RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Ingestion	Benzo(a)anthracene	2.4E-02	mg/kg	NA	NA	NA	NA	NA	3.1E-07	mg/kg-day	NA	NA	NA
				Benzo(a)pyrene	2.7E-02	mg/kg	NA	NA	NA	NA	NA	3.4E-07	mg/kg-day	NA	NA	NA
				Benzo(b)fluoranthene	3.4E-02	mg/kg	NA	NA	NA	NA	NA	4.4E-07	mg/kg-day	NA	NA	NA
				Dibenz(a,h)anthracene	5.3E-03	mg/kg	NA	NA	NA	NA	NA	6.8E-08	mg/kg-day	NA	NA	NA
				Antimony	7.2E-01	mg/kg	NA	NA	NA	NA	NA	9.1E-06	mg/kg-day	4.0E-04	mg/kg-day	2.3E-02
				Arsenic	9.6E+00	mg/kg	NA	NA	NA	NA	NA	1.2E-04	mg/kg-day	3.0E-04	mg/kg-day	4.1E-01
				Chromium	3.5E+01	mg/kg	NA	NA	NA	NA	NA	4.5E-04	mg/kg-day	1.5E+00	mg/kg-day	3.0E-04
				Cobalt	2.4E+01	mg/kg	NA	NA	NA	NA	NA	3.1E-04	mg/kg-day	3.0E-04	mg/kg-day	1.0E+00
				Copper	1.3E+02	mg/kg	NA	NA	NA	NA	NA	1.6E-03	mg/kg-day	4.0E-02	mg/kg-day	4.1E-02
				Thallium	6.6E-02	mg/kg	NA	NA	NA	NA	NA	8.5E-07	mg/kg-day	1.0E-05	mg/kg-day	8.5E-02
				Vanadium	1.7E+02	mg/kg	NA	NA	NA	NA	NA	2.1E-03	mg/kg-day	5.0E-03	mg/kg-day	4.3E-01
			Exp. Route Total								0.0E+00					2.0E+00
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Dermal	Benzo(a)anthracene	2.4E-02	mg/kg	NA	NA	NA	NA	NA	1.1E-07	mg/kg-day	NA	NA	NA
				Benzo(a)pyrene	2.7E-02	mg/kg	NA	NA	NA	NA	NA	1.2E-07	mg/kg-day	NA	NA	NA
				Benzo(b)fluoranthene	3.4E-02	mg/kg	NA	NA	NA	NA	NA	1.5E-07	mg/kg-day	NA	NA	NA
				Dibenz(a,h)anthracene	5.3E-03	mg/kg	NA	NA	NA	NA	NA	2.4E-08	mg/kg-day	NA	NA	NA
				Antimony	7.2E-01	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	6.0E-05	mg/kg-day	NA
				Arsenic	9.6E+00	mg/kg	NA	NA	NA	NA	NA	9.9E-06	mg/kg-day	3.0E-04	mg/kg-day	3.3E-02
				Chromium	3.5E+01	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	2.0E-02	mg/kg-day	NA
				Cobalt	2.4E+01	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	3.0E-04	mg/kg-day	NA
				Copper	1.3E+02	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	4.0E-02	mg/kg-day	NA
				Thallium	6.6E-02	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	1.0E-05	mg/kg-day	NA
				Vanadium	1.7E+02	mg/kg	NA	NA	NA	NA	NA	--	mg/kg-day	1.3E-04	mg/kg-day	NA
			Exp. Route Total								0.0E+00					3.3E-02
		Exposure Point Total									0.0E+00					2.0E+00
	Exposure Medium Total										0.0E+00					2.0E+00
Soil	Ambient Air	Emissions from Surface Soil and Total Soil	Inhalation	Benzo(a)anthracene	4.2E-11	mg/m^3	NA	NA	NA	NA	NA	4.0E-11	mg/m^3	NA	NA	NA
				Benzo(a)pyrene	4.6E-11	mg/m^3	NA	NA	NA	NA	NA	4.4E-11	mg/m^3	NA	NA	NA
				Benzo(b)fluoranthene	5.9E-11	mg/m^3	NA	NA	NA	NA	NA	5.6E-11	mg/m^3	NA	NA	NA
				Dibenz(a,h)anthracene	9.2E-12	mg/m^3	NA	NA	NA	NA	NA	8.8E-12	mg/m^3	NA	NA	NA
				Antimony	1.2E-09	mg/m^3	NA	NA	NA	NA	NA	1.2E-09	mg/m^3	NA	NA	NA
				Arsenic	1.7E-08	mg/m^3	NA	NA	NA	NA	NA	1.6E-08	mg/m^3	1.5E-05	mg/m3	1.1E-03
				Chromium	6.0E-08	mg/m^3	NA	NA	NA	NA	NA	5.8E-08	mg/m^3	NA	NA	NA
				Cobalt	4.1E-08	mg/m^3	NA	NA	NA	NA	NA	4.0E-08	mg/m^3	6.0E-06	mg/m3	6.6E-03
				Copper	2.2E-07	mg/m^3	NA	NA	NA	NA	NA	2.1E-07	mg/m^3	NA	NA	NA
				Thallium	1.1E-10	mg/m^3	NA	NA	NA	NA	NA	1.1E-10	mg/m^3	NA	NA	NA
				Vanadium	2.9E-07	mg/m^3	NA	NA	NA	NA	NA	2.8E-07	mg/m^3	1.0E-04	mg/m3	2.8E-03
			Exp. Route Total								0.0E+00					1.0E-02
		Exposure Point Total									0.0E+00					1.0E-02
	Exposure Medium Total										0.0E+00					1.0E-02
Soil Total											0.0E+00					2.1E+00
Receptor Total											0.0E+00					2.1E+00

NA = Not applicable.

TABLE 7.3. RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Ingestion	Benzo(a)anthracene	2.4E-02	mg/kg	3.5E-08	mg/kg-day	7.3E-01	1/(mg/kg-day)	1.1E-07	NA	NA	NA	NA	NA
				Benzo(a)pyrene	2.7E-02	mg/kg	3.9E-08	mg/kg-day	7.3E+00	1/(mg/kg-day)	1.3E-06	NA	NA	NA	NA	NA
				Benzo(b)fluoranthene	3.4E-02	mg/kg	4.9E-08	mg/kg-day	7.3E-01	1/(mg/kg-day)	1.6E-07	NA	NA	NA	NA	NA
				Dibenz(a,h)anthracene	5.3E-03	mg/kg	7.7E-09	mg/kg-day	7.3E+00	1/(mg/kg-day)	2.5E-07	NA	NA	NA	NA	NA
				Antimony	7.2E-01	mg/kg	1.0E-06	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Arsenic	9.6E+00	mg/kg	1.4E-05	mg/kg-day	1.5E+00	1/(mg/kg-day)	2.1E-05	NA	NA	NA	NA	NA
				Chromium	3.5E+01	mg/kg	5.0E-05	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Cobalt	2.4E+01	mg/kg	3.5E-05	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Copper	1.3E+02	mg/kg	1.9E-04	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Thallium	6.6E-02	mg/kg	9.5E-08	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Vanadium	1.7E+02	mg/kg	2.4E-04	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
			Exp. Route Total								2.2E-05					0.0E+00
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Dermal	Benzo(a)anthracene	2.4E-02	mg/kg	1.4E-08	mg/kg-day	7.3E-01	1/(mg/kg-day)	5.9E-08	NA	NA	NA	NA	NA
				Benzo(a)pyrene	2.7E-02	mg/kg	1.5E-08	mg/kg-day	7.3E+00	1/(mg/kg-day)	6.6E-07	NA	NA	NA	NA	NA
				Benzo(b)fluoranthene	3.4E-02	mg/kg	2.0E-08	mg/kg-day	7.3E-01	1/(mg/kg-day)	8.4E-08	NA	NA	NA	NA	NA
				Dibenz(a,h)anthracene	5.3E-03	mg/kg	3.0E-09	mg/kg-day	7.3E+00	1/(mg/kg-day)	1.3E-07	NA	NA	NA	NA	NA
				Antimony	7.2E-01	mg/kg	--	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Arsenic	9.6E+00	mg/kg	1.3E-06	mg/kg-day	1.5E+00	1/(mg/kg-day)	1.9E-06	NA	NA	NA	NA	NA
				Chromium	3.5E+01	mg/kg	--	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Cobalt	2.4E+01	mg/kg	--	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Copper	1.3E+02	mg/kg	--	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Thallium	6.6E-02	mg/kg	--	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
				Vanadium	1.7E+02	mg/kg	--	mg/kg-day	NA	NA	NA	NA	NA	NA	NA	NA
			Exp. Route Total								2.8E-06					0.0E+00
		Exposure Point Total									2.5E-05					0.0E+00
	Exposure Medium Total										2.5E-05					0.0E+00
Soil	Ambient Air	Emissions from Surface Soil and Total Soil	Inhalation	Benzo(a)anthracene	4.2E-11	mg/m^3	1.5E-11	mg/m^3	1.1E-04	$1/(ug/m^3)$	4.5E-12	NA	NA	NA	NA	NA
				Benzo(a)pyrene	4.6E-11	mg/m^3	1.6E-11	mg/m^3	1.1E-03	$1/(ug/m^3)$	5.0E-11	NA	NA	NA	NA	NA
				Benzo(b)fluoranthene	5.9E-11	mg/m^3	2.1E-11	mg/m^3	1.1E-04	$1/(ug/m^3)$	6.4E-12	NA	NA	NA	NA	NA
				Dibenz(a,h)anthracene	9.2E-12	mg/m^3	3.3E-12	mg/m^3	1.2E-03	$1/(ug/m^3)$	1.1E-11	NA	NA	NA	NA	NA
				Antimony	1.2E-09	mg/m^3	4.4E-10	mg/m^3	NA	$1/(ug/m^3)$	NA	NA	NA	NA	NA	NA
				Arsenic	1.7E-08	mg/m^3	5.9E-09	mg/m^3	4.3E-03	$1/(ug/m^3)$	2.5E-08	NA	NA	NA	NA	NA
				Chromium	6.0E-08	mg/m^3	2.2E-08	mg/m^3	NA	$1/(ug/m^3)$	NA	NA	NA	NA	NA	NA
				Cobalt	4.1E-08	mg/m^3	1.5E-08	mg/m^3	9.0E-03	$1/(ug/m^3)$	1.3E-07	NA	NA	NA	NA	NA
				Copper	2.2E-07	mg/m^3	7.9E-08	mg/m^3	NA	$1/(ug/m^3)$	NA	NA	NA	NA	NA	NA
				Thallium	1.1E-10	mg/m^3	4.1E-11	mg/m^3	NA	$1/(ug/m^3)$	NA	NA	NA	NA	NA	NA
				Vanadium	2.9E-07	mg/m^3	1.0E-07	mg/m^3	NA	$1/(ug/m^3)$	NA	NA	NA	NA	NA	NA
			Exp. Route Total								1.6E-07					0.0E+00
		Exposure Point Total									1.6E-07					0.0E+00
	Exposure Medium Total										1.6E-07					0.0E+00
Soil Total											2.5E-05					0.0E+00
Receptor Total											2.5E-05					0.0E+00

NA = Not applicable.

TABLE 7.3.RME Supplement
CALCULATION OF CHEMICAL CANCER RISKS - MUTAGENIC MODE OF ACTION (BACKGROUND EVALUATION)
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations										
							Intake					CSF/Unit Risk					Cancer Risk
					Value	Units	Value				Units	Value				Units	
							0-2 yrs	2-6 yrs	6-16 yrs	16-24 yrs		0-2 yrs (ADAF=10)	2-6 yrs (ADAF=3)	6-16 yrs (ADAF=3)	16-24 yrs (ADAF=1)		
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Ingestion	Benzo(a)anthracene	2.4E-02	mg/kg	8.8E-09	1.8E-08	4.1E-09	4.1E-09	mg/kg-day	7.3E+00	2.2E+00	2.2E+00	7.3E-01	1/(mg/kg-day)	1.1E-07
				Benzo(a)pyrene	2.7E-02	mg/kg	9.8E-09	2.0E-08	4.6E-09	4.6E-09	mg/kg-day	7.3E+01	2.2E+01	2.2E+01	7.3E+00	1/(mg/kg-day)	1.3E-06
				Benzo(b)fluoranthene	3.4E-02	mg/kg	1.2E-08	2.5E-08	5.9E-09	5.9E-09	mg/kg-day	7.3E+00	2.2E+00	2.2E+00	7.3E-01	1/(mg/kg-day)	1.6E-07
				Dibenz(a,h)anthracene	5.3E-03	mg/kg	1.9E-09	3.9E-09	9.1E-10	9.1E-10	mg/kg-day	7.3E+01	2.2E+01	2.2E+01	7.3E+00	1/(mg/kg-day)	2.5E-07
			Dermal	Benzo(a)anthracene	2.4E-02	mg/kg	3.1E-09	6.2E-09	2.3E-09	2.5E-08	mg/kg-day	7.3E+00	2.2E+00	2.2E+00	7.3E-01	1/(mg/kg-day)	5.9E-08
				Benzo(a)pyrene	2.7E-02	mg/kg	3.4E-09	6.8E-09	2.5E-09	2.8E-08	mg/kg-day	7.3E+01	2.2E+01	2.2E+01	7.3E+00	1/(mg/kg-day)	6.6E-07
				Benzo(b)fluoranthene	3.4E-02	mg/kg	4.4E-09	8.7E-09	3.2E-09	3.5E-08	mg/kg-day	7.3E+00	2.2E+00	2.2E+00	7.3E-01	1/(mg/kg-day)	8.4E-08
				Dibenz(a,h)anthracene	5.3E-03	mg/kg	6.8E-10	1.4E-09	5.0E-10	5.5E-09	mg/kg-day	7.3E+01	2.2E+01	2.2E+01	7.3E+00	1/(mg/kg-day)	1.3E-07
	Ambient Air	Emissions from Surface Soil and Total Soil	Inhalation	Benzo(a)anthracene	4.2E-11	mg/m^3	1.1E-12	2.3E-12	5.7E-12	5.7E-12	mg/m^3	1.1E-03	3.3E-04	3.3E-04	1.1E-04	$1/(\mu g/m^3)$	4.5E-12
				Benzo(a)pyrene	4.6E-11	mg/m^3	1.3E-12	2.5E-12	6.3E-12	6.3E-12	mg/m^3	1.1E-02	3.3E-03	3.3E-03	1.1E-03	$1/(\mu g/m^3)$	5.0E-11
				Benzo(b)fluoranthene	5.9E-11	mg/m^3	1.6E-12	3.2E-12	8.1E-12	8.1E-12	mg/m^3	1.1E-03	3.3E-04	3.3E-04	1.1E-04	$1/(\mu g/m^3)$	6.4E-12
				Dibenz(a,h)anthracene	9.2E-12	mg/m^3	2.5E-13	5.0E-13	1.3E-12	1.3E-12	mg/m^3	1.2E-02	3.6E-03	3.6E-03	1.2E-03	$1/(\mu g/m^3)$	1.1E-11

TABLE 7.4. RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Receptor Population: Industrial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemical of Potential Concern	EPC		Cancer Risk Calculations					Non-Cancer Hazard Calculations				
					Value	Units	Intake/Exposure Concentration		CSF/Unit Risk		Cancer Risk	Intake/Exposure Concentration		RfD/RfC		Hazard Quotient
							Value	Units	Value	Units		Value	Units	Value	Units	
Soil	Total Soil (0-6 ft)	Total Soil (0-6 ft)	Ingestion	Arsenic	7.6E+00	mg/kg	2.3E-06	mg/kg-day	1.5E+00	1/(mg/kg-day)	3.5E-06	6.5E-06	mg/kg-day	3.0E-04	mg/kg-day	2.2E-02
				Chromium	3.2E+01	mg/kg	9.7E-06	mg/kg-day	NA	NA	NA	2.7E-05	mg/kg-day	1.5E+00	mg/kg-day	1.8E-05
				Cobalt	2.4E+01	mg/kg	7.2E-06	mg/kg-day	NA	NA	NA	2.0E-05	mg/kg-day	3.0E-04	mg/kg-day	6.7E-02
				Vanadium	1.6E+02	mg/kg	5.0E-05	mg/kg-day	NA	NA	NA	1.4E-04	mg/kg-day	5.0E-03	mg/kg-day	2.8E-02
			Exp. Route Total								3.5E-06					1.2E-01
Soil	Total Soil (0-6 ft)	Total Soil (0-6 ft)	Dermal	Arsenic	7.6E+00	mg/kg	2.9E-07	mg/kg-day	1.5E+00	1/(mg/kg-day)	4.4E-07	8.2E-07	mg/kg-day	3.0E-04	mg/kg-day	2.7E-03
				Chromium	3.2E+01	mg/kg	--	mg/kg-day	NA	NA	NA	--	mg/kg-day	2.0E-02	mg/kg-day	NA
				Cobalt	2.4E+01	mg/kg	--	mg/kg-day	NA	NA	NA	--	mg/kg-day	3.0E-04	mg/kg-day	NA
				Vanadium	1.6E+02	mg/kg	--	mg/kg-day	NA	NA	NA	--	mg/kg-day	1.3E-04	mg/kg-day	NA
			Exp. Route Total								4.4E-07					2.7E-03
		Exposure Point Total									3.9E-06					1.2E-01
	Exposure Medium Total										3.9E-06					1.2E-01
Soil	Ambient Air	Emissions from Total Soil	Inhalation	Arsenic	1.3E-08	mg/m^3	1.1E-09	mg/m^3	4.3E-03	$1/(ug/m^3)$	4.6E-09	3.0E-09	mg/m^3	1.5E-05	mg/m^3	2.0E-04
				Chromium	5.4E-08	mg/m^3	4.4E-09	mg/m^3	NA	$1/(ug/m^3)$	NA	1.2E-08	mg/m^3	NA	NA	NA
				Cobalt	4.1E-08	mg/m^3	3.3E-09	mg/m^3	9.0E-03	$1/(ug/m^3)$	3.0E-08	9.3E-09	mg/m^3	6.0E-06	mg/m^3	1.5E-03
				Vanadium	2.8E-07	mg/m^3	2.3E-08	mg/m^3	NA	$1/(ug/m^3)$	NA	6.5E-08	mg/m^3	1.0E-04	mg/m^3	6.5E-04
			Exp. Route Total								3.4E-08					2.4E-03
		Exposure Point Total									3.4E-08					2.4E-03
	Exposure Medium Total										3.4E-08					2.4E-03
Soil Total											4.0E-06					1.2E-01
Receptor Total											4.0E-06					1.2E-01

NA = Not applicable.

TABLE 9.1. RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Dibenz(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Antimony	NA	NA	NA	NA	Whole Body, Blood	2E-03	NA	NA	2E-03
			Arsenic	NA	NA	NA	NA	Skin and Vascular	4E-02	NA	5E-03	4E-02
			Chromium	NA	NA	NA	NA	No Observed Effects	3E-05	NA	NA	3E-05
			Cobalt	NA	NA	NA	NA	Thyroid	1E-01	NA	NA	1E-01
			Copper	NA	NA	NA	NA	Gastrointestinal System	4E-03	NA	NA	4E-03
			Thallium	NA	NA	NA	NA	Skin	8E-03	NA	NA	8E-03
			Vanadium	NA	NA	NA	NA	Hair	4E-02	NA	NA	4E-02
		Exposure Point Total		NA	NA	NA	NA		2E-01	NA	5E-03	2E-01
	Exposure Medium Total			NA	NA	NA	NA		2E-01	NA	5E-03	2E-01
	Ambient Air	Emissions from Surface Soil and Total Soil	Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Dibenz(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Antimony	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Arsenic	NA	NA	NA	NA	Reproductive System, Developmental, Vascular, Nervous System, Respiratory, Skin	NA	1E-03	NA	1E-03
			Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Cobalt	NA	NA	NA	NA	Respiratory	NA	7E-03	NA	7E-03
			Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Thallium	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Vanadium	NA	NA	NA	NA	Respiratory	NA	3E-03	NA	3E-03
		Exposure Point Total		NA	NA	NA	NA		NA	1E-02	NA	1E-02
	Exposure Medium Total			NA	NA	NA	NA		NA	1E-02	NA	1E-02
Medium Total				NA	NA	NA	NA		2E-01	1E-02	5E-03	2E-01
Receptor Total				NA	NA	NA	NA		2E-01	1E-02	5E-03	2E-01

NA = Not applicable or not available

Total Skin HI Across Media =	5E-02
Total Reproductive System HI Across Media =	1E-03
Total No Observed Effects HI Across Media =	3E-05
Total Thyroid HI Across Media =	1E-01
Total Vascular HI Across Media =	4E-02
Total Whole Body HI Across Media =	2E-03
Total Gastrointestinal System HI Across Media =	4E-03
Total Respiratory HI Across Media =	1E-02
Total Hair HI Across Media =	4E-02
Total Developmental HI Across Media =	1E-03
Total Nervous System HI Across Media =	1E-03

TABLE 9.2. RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Child

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Dibenz(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Antimony	NA	NA	NA	NA	Whole Body, Blood	2E-02	NA	NA	2E-02
			Arsenic	NA	NA	NA	NA	Skin and Vascular	4E-01	NA	3E-02	4E-01
			Chromium	NA	NA	NA	NA	No Observed Effects	3E-04	NA	NA	3E-04
			Cobalt	NA	NA	NA	NA	Thyroid	1E+00	NA	NA	1E+00
			Copper	NA	NA	NA	NA	Gastrointestinal System	4E-02	NA	NA	4E-02
			Thallium	NA	NA	NA	NA	Skin	8E-02	NA	NA	8E-02
			Vanadium	NA	NA	NA	NA	Hair	4E-01	NA	NA	4E-01
		Exposure Point Total		NA	NA	NA	NA		2E+00	NA	3E-02	2E+00
	Exposure Medium Total			NA	NA	NA	NA		2E+00	NA	3E-02	2E+00
	Ambient Air	Emissions from Surface Soil and Total Soil	Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Dibenz(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Antimony	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Arsenic	NA	NA	NA	NA	Reproductive System, Developmental, Vascular, Nervous System, Respiratory, Skin	NA	1E-03	NA	1E-03
			Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Cobalt	NA	NA	NA	NA	Respiratory	NA	7E-03	NA	7E-03
			Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Thallium	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Vanadium	NA	NA	NA	NA	Respiratory	NA	3E-03	NA	3E-03
		Exposure Point Total		NA	NA	NA	NA		NA	1E-02	NA	1E-02
	Exposure Medium Total			NA	NA	NA	NA		NA	1E-02	NA	1E-02
Medium Total				NA	NA	NA	NA		2E+00	1E-02	3E-02	2E+00
Receptor Total				NA	NA	NA	NA		2E+00	1E-02	3E-02	2E+00

NA = Not applicable or not available

Total Skin HI Across Media =	5E-01
Total Reproductive System HI Across Media =	1E-03
Total No Observed Effects HI Across Media =	3E-04
Total Thyroid HI Across Media =	1E+00
Total Vascular HI Across Media =	4E-01
Total Whole Body HI Across Media =	2E-02
Total Gastrointestinal System HI Across Media =	4E-02
Total Respiratory HI Across Media =	1E-02
Total Hair HI Across Media =	4E-01
Total Developmental HI Across Media =	1E-03
Total Nervous System HI Across Media =	1E-03

TABLE 9.3. RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult/Child Aggregate

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Soil	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Surface Soil (0-2 ft) and Total Soil (0-6 ft)	Benzo(a)anthracene	1E-07	NA	6E-08	2E-07	NA	NA	NA	NA	NA
			Benzo(a)pyrene	1E-06	NA	7E-07	2E-06	NA	NA	NA	NA	NA
			Benzo(b)fluoranthene	2E-07	NA	8E-08	2E-07	NA	NA	NA	NA	NA
			Dibenz(a,h)anthracene	3E-07	NA	1E-07	4E-07	NA	NA	NA	NA	NA
			Antimony	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Arsenic	2E-05	NA	2E-06	2E-05	NA	NA	NA	NA	NA
			Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Cobalt	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Thallium	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Vanadium	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Exposure Point Total		2E-05	NA	3E-06	3E-05		NA	NA	NA	NA
	Exposure Medium Total			2E-05	NA	3E-06	3E-05		NA	NA	NA	NA
	Ambient Air	Emissions from Surface Soil and Total Soil	Benzo(a)anthracene	NA	5E-12	NA	5E-12	NA	NA	NA	NA	NA
			Benzo(a)pyrene	NA	5E-11	NA	5E-11	NA	NA	NA	NA	NA
			Benzo(b)fluoranthene	NA	6E-12	NA	6E-12	NA	NA	NA	NA	NA
			Dibenz(a,h)anthracene	NA	1E-11	NA	1E-11	NA	NA	NA	NA	NA
			Antimony	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Arsenic	NA	3E-08	NA	3E-08	NA	NA	NA	NA	NA
			Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Cobalt	NA	1E-07	NA	1E-07	NA	NA	NA	NA	NA
			Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Thallium	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Vanadium	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Exposure Point Total		NA	2E-07	NA	2E-07		NA	NA	NA	NA
	Exposure Medium Total			NA	2E-07	NA	2E-07		NA	NA	NA	NA
Medium Total				2E-05	2E-07	3E-06	3E-05		NA	NA	NA	NA
Receptor Total				2E-05	2E-07	3E-06	3E-05		NA	NA	NA	NA

NA = Not applicable or not available

TABLE 9.4. RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

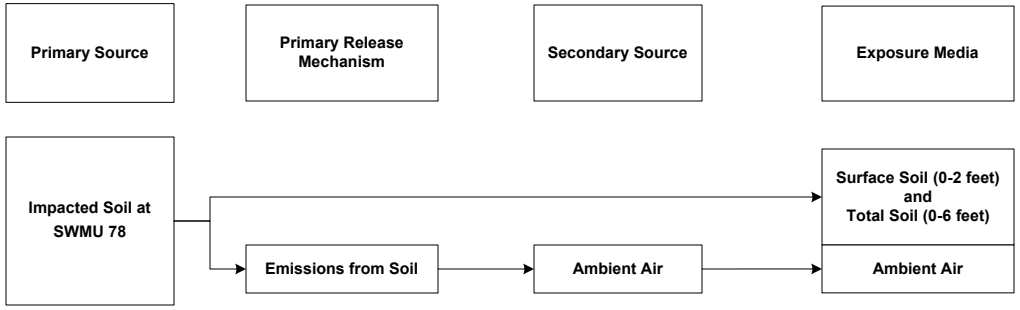
Scenario Timeframe: Future
Receptor Population: Industrial Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk				Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Soil	Total Soil (0-6 ft)	Total Soil (0-6 ft)	Arsenic	4E-06	NA	4E-07	4E-06	Skin and Vascular	2E-02	NA	3E-03	2E-02
			Chromium	NA	NA	NA	NA	No Observed Effects	2E-05	NA	NA	2E-05
			Cobalt	NA	NA	NA	NA	Thyroid	7E-02	NA	NA	7E-02
			Vanadium	NA	NA	NA	NA	Hair	3E-02	NA	NA	3E-02
		Exposure Point Total		4E-06	NA	4E-07	4E-06		1E-01	NA	3E-03	1E-01
	Exposure Medium Total			4E-06	NA	4E-07	4E-06		1E-01	NA	3E-03	1E-01
	Ambient Air	Emissions from Total Soil	Arsenic	NA	5E-09	NA	5E-09	Reproductive System, Developmental, Vascular, Nervous System, Respiratory, Skin	NA	2E-04	NA	2E-04
			Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
			Cobalt	NA	3E-08	NA	3E-08	Respiratory	NA	2E-03	NA	2E-03
			Vanadium	NA	NA	NA	NA	Respiratory	NA	6E-04	NA	6E-04
		Exposure Point Total		NA	3E-08	NA	3E-08		NA	2E-03	NA	2E-03
	Exposure Medium Total			NA	3E-08	NA	3E-08		NA	2E-03	NA	2E-03
Medium Total				4E-06	3E-08	4E-07	4E-06		1E-01	2E-03	3E-03	1E-01
Receptor Total				4E-06	3E-08	4E-07	4E-06		1E-01	2E-03	3E-03	1E-01

NA = Not applicable or not available

Total Skin HI Across Media =	2E-02
Total Reproductive System HI Across Media =	2E-04
Total No Observed Effects HI Across Media =	2E-05
Total Thyroid HI Across Media =	7E-02
Total Vascular HI Across Media =	2E-02
Total Respiratory HI Across Media =	2E-03
Total Hair HI Across Media =	3E-02
Total Developmental HI Across Media =	2E-04
Total Nervous System HI Across Media =	2E-04

Attachment 2
Figures



Exposure Route	Potential Human Receptors: Future: Residential: Adult	Potential Human Receptors: Future: Residential: Child	Potential Human Receptors: Future: Industrial Worker
Ingestion	X	X	X
Dermal Contact	X	X	X
Inhalation	X	X	X

Legend
X – Potentially complete exposure pathways identified

Figure 1
Conceptual Site Model for SWMU 78 – Pole Yard
Naval Activity Puerto Rico

Attachment 3
Tables

TABLE 1
Samples Used in the SWMU 78 HHRA
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Sample ID	Matrix	Sample Date	Uppder Depth (ft)	Lower Depth (ft)	Surface Soil (0-2 ft)	Total Soil (0-6 ft)
78SB01-00	SS	5/31/2008	0	1	x	x
78SB01-00D	SS	5/31/2008	0	1	x	x
78SB02-00	SS	5/30/2008	0	1	x	x
78SB03-00	SS	5/31/2008	0	1	x	x
78SB04-00	SS	5/30/2008	0	1	x	x
78SB05-00	SS	5/30/2008	0	1	x	x
78SB06-00	SS	5/30/2008	0	1	x	x
78SB07-00	SS	5/30/2008	0	1	x	x
78SB08-00	SS	5/30/2008	0	1	x	x
78SB08-00D	SS	5/30/2008	0	1	x	x
78SB09-00	SS	5/29/2008	0	1	x	x
78SB10-00	SS	5/29/2008	0	1	x	x
78SB11-00	SS	5/29/2008	0	1	x	x
78SB12-00	SS	5/29/2008	0	1	x	x
78SB13-00	SS	5/29/2008	0	1	x	x
78SB14-00	SS	5/29/2008	0	1	x	x
78SB15-00	SS	5/30/2008	0	1	x	x
78SB16-00	SS	5/30/2008	0	1	x	x
78SB17-00	SS	4/27/2011	0	1	x	x
78SB17-00D	SS	4/27/2011	0	1	x	x
78SB18-00	SS	4/27/2011	0	1	x	x
78SB19-00	SS	4/27/2011	0	1	x	x
78SB20-00	SS	4/26/2011	0	1	x	x
78SB21-00	SS	4/27/2011	0	1	x	x
78SB22-00	SS	4/27/2011	0	1	x	x
78SB23-00	SS	4/26/2011	0	1	x	x
78SB24-00	SS	4/26/2011	0	1	x	x
78SB25-00	SS	4/26/2011	0	1	x	x
78SB25-00D	SS	4/26/2011	0	1	x	x
78SB26-00	SS	4/26/2011	0	1	x	x
78SB33-00	SS	4/28/2011	0	1	x	x

TABLE 1
Samples Used in the SWMU 78 HHRA
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Sample ID	Matrix	Sample Date	Uppder Depth (ft)	Lower Depth (ft)	Surface Soil (0-2 ft)	Total Soil (0-6 ft)
78SB34-00	SS	4/28/2011	0	1	x	x
78SB35-00	SS	4/28/2011	0	1	x	x
78SB36-00	SS	4/28/2011	0	1	x	x
78SB37-00	SS	4/28/2011	0	1	x	x
78SB37-00D	SS	4/28/2011	0	1	x	x
78SB38-00	SS	4/28/2011	0	1	x	x
78SB39-00	SS	4/28/2011	0	1	x	x
78SB39-00D	SS	4/28/2011	0	1	x	x
78SB40-00	SS	4/28/2011	0	1	x	x
78SB41-00	SS	4/28/2011	0	1	x	x
78SB42-00	SS	4/28/2011	0	1	x	x
78SB43-00	SS	4/28/2011	0	1	x	x
78SB44-00	SS	4/28/2011	0	1	x	x
78SB45-00	SS	4/28/2011	0	1	x	x
78SB46-00	SS	4/27/2011	0	1	x	x
78SB47-00	SS	4/27/2011	0	1	x	x
78SB48-00	SS	4/26/2011	0	1	x	x
78SB49-00	SS	4/26/2011	0	1	x	x
78SB50-00	SS	9/25/2011	0	1	x	x
78SB51-00	SS	9/25/2011	0	1	x	x
78SB52-00	SS	9/25/2011	0	1	x	x
78SB53-00	SS	9/25/2011	0	1	x	x
78SB54-00	SS	9/25/2011	0	1	x	x
78SB55-00	SS	9/25/2011	0	1	x	x
78SB56-00	SS	9/25/2011	0	1	x	x
78SB57-00	SS	9/27/2011	0	1	x	x
78SB58-00	SS	9/27/2011	0	1	x	x
78SB58-00D	SS	9/27/2011	0	1	x	x
78SB59-00	SS	9/27/2011	0	1	x	x
78SB01-01	SB	5/31/2008	1	3	x	x
78SB02-01	SB	5/30/2008	1	3	x	x

TABLE 1
Samples Used in the SWMU 78 HHRA
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Sample ID	Matrix	Sample Date	Uppder Depth (ft)	Lower Depth (ft)	Surface Soil (0-2 ft)	Total Soil (0-6 ft)
78SB03-01	SB	5/31/2008	1	3	x	x
78SB03-01D	SB	5/31/2008	1	3	x	x
78SB04-01	SB	5/30/2008	1	3	x	x
78SB05-01	SB	5/30/2008	1	3	x	x
78SB06-01	SB	5/30/2008	1	3	x	x
78SB07-01	SB	5/30/2008	1	3	x	x
78SB08-01	SB	5/30/2008	1	3	x	x
78SB09-01	SB	5/29/2008	1	3	x	x
78SB10-01	SB	5/29/2008	1	3	x	x
78SB13-01	SB	5/29/2008	1	3	x	x
78SB15-01	SB	5/30/2008	1	3	x	x
78SB16-01	SB	5/30/2008	1	3	x	x
78SB17-01	SB	4/27/2011	1	3	x	x
78SB17-01D	SB	4/27/2011	1	3	x	x
78SB18-01	SB	4/27/2011	1	3	x	x
78SB21-01	SB	4/27/2011	1	3	x	x
78SB22-01	SB	4/27/2011	1	3	x	x
78SB23-01	SB	4/26/2011	1	3	x	x
78SB23-01D	SB	4/26/2011	1	3	x	x
78SB24-01	SB	4/26/2011	1	3	x	x
78SB25-01	SB	4/26/2011	1	3	x	x
78SB26-01	SB	4/26/2011	1	3	x	x
78SB27-01	SB	4/27/2011	1	3	x	x
78SB28-01	SB	4/26/2011	1	3	x	x
78SB29-01	SB	4/26/2011	1	3	x	x
78SB30-01	SB	4/27/2011	1	3	x	x
78SB30-01D	SB	4/27/2011	1	3	x	x
78SB31-01	SB	4/27/2011	1	3	x	x
78SB32-01	SB	4/27/2011	1	3	x	x
78SB37-01	SB	4/28/2011	1	3	x	x
78SB38-01	SB	4/28/2011	1	3	x	x

TABLE 1
Samples Used in the SWMU 78 HHRA
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Sample ID	Matrix	Sample Date	Uppder Depth (ft)	Lower Depth (ft)	Surface Soil (0-2 ft)	Total Soil (0-6 ft)
78SB38-01D	SB	4/28/2011	1	3	x	x
78SB39-01	SB	4/28/2011	1	3	x	x
78SB40-01	SB	4/28/2011	1	3	x	x
78SB41-01	SB	4/28/2011	1	3	x	x
78SB42-01	SB	4/28/2011	1	3	x	x
78SB47-01	SB	4/27/2011	1	3	x	x
78SB57-01	SB	9/27/2011	1	3	x	x
78SB58-01	SB	9/27/2011	1	3	x	x
78SB58-01D	SB	9/27/2011	1	3	x	x
78SB59-01	SB	9/27/2011	1	3	x	x
78SB03-02	SB	5/31/2008	3	5		x
78SB04-02	SB	5/30/2008	3	5		x
78SB06-02	SB	5/30/2008	3	5		x
78SB07-02	SB	5/30/2008	3	5		x
78SB08-02	SB	5/30/2008	3	5		x
78SB10-02	SB	5/29/2008	3	5		x
78SB12-02	SB	5/29/2008	3	5		x
78SB14-02	SB	5/29/2008	3	5		x
78SB29-02	SB	4/26/2011	3	5		x
78SB38-02	SB	4/28/2011	3	5		x
78SB40-02	SB	4/28/2011	3	5		x
78SB41-02	SB	4/28/2011	3	5		x
78SB01-03	SB	5/31/2008	5	7		x
78SB01-03D	SB	5/31/2008	5	7		x
78SB02-03	SB	5/30/2008	5	7		x
78SB09-03	SB	5/29/2008	5	7		x
78SB11-03	SB	5/29/2008	5	7		x
78SB11-03D	SB	5/29/2008	5	7		x
78SB12-03	SB	5/29/2008	5	7		x
78SB15-03	SB	5/30/2008	5	7		x
78SB16-03	SB	5/30/2008	5	7		x

TABLE 1
Samples Used in the SWMU 78 HHRA
SWMU 78 - Pole Yard
Naval Activity Puerto Rico

Sample ID	Matrix	Sample Date	Uppder Depth (ft)	Lower Depth (ft)	Surface Soil (0-2 ft)	Total Soil (0-6 ft)
78SB22-03	SB	4/27/2011	5	7		x
78SB23-03	SB	4/26/2011	5	7		x
78SB26-03	SB	4/26/2011	5	7		x
78SB30-03	SB	4/27/2011	5	7		x
78SB39-03	SB	4/28/2011	5	7		x

Notes:

ft - feet

SS - surface soil

SB - subsurface soil

TABLE 2
Uncertainties in the Human Health Risk Assessment

Category	Methodology	Probable Effect on Site-Related Risk Estimates
DATA EVALUATION		
Chemicals that were 100% nondetected	100% nondetected chemicals were assumed to be not present in soil.	No significant impact
Selection of COPCs	Chemical missing an RSL was excluded as a COPC (i.e., iodomethane).	No significant impact
EXPOSURE ASSESSMENT		
Selection of exposure scenarios and exposure pathways	Hypothetical residential exposure scenario was included in this HHRA, although the site is not expected to be developed for residential use.	Overestimates
Exposure point concentrations	Receptors are assumed to be exposed to COPCs at the EPC (95% UCL) for the entire exposure duration.	Likely overestimates
TOXICITY ASSESSMENT		
Missing toxicity values	Carcinogenic PAHs identified as COPCs at SWMU 78 do not have oral and inhalation noncarcinogenic toxicity values. Additionally, inhalation noncarcinogenic toxicity values are missing for antimony, chromium, copper, and thallium.	May underestimate
Study selection	Not all toxicity values represent the same degree of certainty; all values are subject to change as new evidence becomes available.	Under- or overestimates
Toxicity values derived primarily from high doses (whereas most environmental exposures occur at low doses)	Assumes linearity at low doses and tends to have conservative exposure assumptions.	Under- or overestimates
RISK CHARACTERIZATION		
Risk from multiple chemicals	Assumes additivity of risks from multiple chemicals; chemical mixtures may actually have synergistic or antagonistic effects.	May under- or overestimate
Combination of several upper-bound assumptions	Various upper-bound exposure and toxicity assumptions are combined.	Overestimates

Attachment 4
Analytical Data Used in the HHRA

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-62-2	Vanadium	100	MG_KG	0	2.79	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-66-6	Zinc	29.1	MG_KG	0	2.79	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7782-49-2	Selenium	0.878	MG_KG	0	2.79	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7439-97-6	Mercury	0.0303	MG_KG	0	0.0357	J	Y
9/27/2011	SS	0	1	N	78SB57-00	SVOA	83-32-9	Acenaphthene	2.4	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	85-01-8	Phenanthrene	2.4	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-39-3	Barium	70.4	MG_KG	0	5.59	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-41-7	Beryllium	0.329	MG_KG	0	0.559	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-43-9	Cadmium	0.276	MG_KG	0	0.559	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-47-3	Chromium	65.3	MG_KG	0	6.7	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-48-4	Cobalt	34.8	MG_KG	0	0.559		Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-50-8	Copper	41.9	MG_KG	0	1.12		Y
9/27/2011	SS	0	1	N	78SB57-00	SVOA	86-73-7	Fluorene	2.4	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	91-20-3	Naphthalene	2.4	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	91-57-6	2-Methylnaphthalene	2.4	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	120-12-7	Anthracene	2.4	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	129-00-0	Pyrene	4.8	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	191-24-2	Benzo(g,h,i)perylene	4.8	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.8	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	205-99-2	Benzo(b)fluoranthene	4.8	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	206-44-0	Fluoranthene	4.8	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	207-08-9	Benzo(k)fluoranthene	4.8	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	208-96-8	Acenaphthylene	2.4	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	218-01-9	Chrysene	4.8	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	50-32-8	Benzo(a)pyrene	4.8	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	53-70-3	Dibenz(a,h)anthracene	4.8	UG_KG	0	10	U	N
9/27/2011	SS	0	1	N	78SB57-00	SVOA	56-55-3	Benzo(a)anthracene	4.8	UG_KG	0	10	U	N
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-31-5	Tin	2.12	MG_KG	0	11.9	U	N
9/27/2011	SB	1	3	N	78SB57-01	METAL	7439-92-1	Lead	0.5	MG_KG	0	0.626	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-02-0	Nickel	22.7	MG_KG	0	0.626	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-22-4	Silver	0.313	MG_KG	0	0.626	UJ	N
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-28-0	Thallium	0.0601	MG_KG	0	0.626	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-36-0	Antimony	0.626	MG_KG	0	1.25	R	--
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-38-2	Arsenic	0.468	MG_KG	0	1.25	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-39-3	Barium	313	MG_KG	0	6.26	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-41-7	Beryllium	0.384	MG_KG	0	0.626	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-43-9	Cadmium	0.262	MG_KG	0	0.626	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-47-3	Chromium	14.8	MG_KG	0	7.51	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-48-4	Cobalt	25.8	MG_KG	0	0.626		Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-50-8	Copper	68.8	MG_KG	0	1.25		Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-62-2	Vanadium	117	MG_KG	0	3.13	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7440-66-6	Zinc	59.2	MG_KG	0	3.13	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7782-49-2	Selenium	0.441	MG_KG	0	3.13	J	Y
9/27/2011	SB	1	3	N	78SB57-01	METAL	7439-97-6	Mercury	0.0447	MG_KG	0	0.0395		Y
9/27/2011	SB	1	3	N	78SB57-01	SVOA	83-32-9	Acenaphthene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	85-01-8	Phenanthrene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	86-73-7	Fluorene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	91-20-3	Naphthalene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	91-57-6	2-Methylnaphthalene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	120-12-7	Anthracene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	129-00-0	Pyrene	5.1	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	191-24-2	Benzo(g,h,i)perylene	5.1	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	5.1	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	205-99-2	Benzo(b)fluoranthene	5.1	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	206-44-0	Fluoranthene	5.1	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	207-08-9	Benzo(k)fluoranthene	5.1	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	208-96-8	Acenaphthylene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	218-01-9	Chrysene	5.1	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	50-32-8	Benzo(a)pyrene	5.1	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	53-70-3	Dibenz(a,h)anthracene	5.1	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB57-01	SVOA	56-55-3	Benzo(a)anthracene	5.1	UG_KG	0	11	U	N
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-31-5	Tin	7.11	MG_KG	0	12	U	N
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7439-92-1	Lead	47.1	MG_KG	0	0.61	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-02-0	Nickel	19.7	MG_KG	0	0.61	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-22-4	Silver	0.305	MG_KG	0	0.61	UJ	N
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-28-0	Thallium	0.0296	MG_KG	0	0.61	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-36-0	Antimony	0.61	MG_KG	0	1.22	R	--
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-38-2	Arsenic	1.37	MG_KG	0	1.22	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-39-3	Barium	74	MG_KG	0	6.1	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-41-7	Beryllium	0.343	MG_KG	0	0.61	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-43-9	Cadmium	0.256	MG_KG	0	0.61	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-47-3	Chromium	79	MG_KG	0	7.32	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-48-4	Cobalt	16.5	MG_KG	0	0.61		Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-50-8	Copper	67.6	MG_KG	0	1.22		Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-62-2	Vanadium	143	MG_KG	0	3.05	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7440-66-6	Zinc	316	MG_KG	0	3.05	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7782-49-2	Selenium	1.11	MG_KG	0	3.05	J	Y
9/27/2011	SS	0	1	FD	78SB58-00D	METAL	7439-97-6	Mercury	0.0302	MG_KG	0	0.0424	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-31-5	Tin	4.16	MG_KG	0	13.5	U	N
9/27/2011	SS	0	1	N	78SB58-00	METAL	7439-92-1	Lead	24.7	MG_KG	0	0.656	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-02-0	Nickel	19.2	MG_KG	0	0.656	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-22-4	Silver	0.328	MG_KG	0	0.656	UJ	N
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-28-0	Thallium	0.0288	MG_KG	0	0.656	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-36-0	Antimony	0.656	MG_KG	0	1.31	R	--
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-38-2	Arsenic	1.07	MG_KG	0	1.31	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-39-3	Barium	39.5	MG_KG	0	6.56	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-41-7	Beryllium	0.353	MG_KG	0	0.656	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-43-9	Cadmium	0.244	MG_KG	0	0.656	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-47-3	Chromium	107	MG_KG	0	7.87	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-48-4	Cobalt	14.8	MG_KG	0	0.656		Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-50-8	Copper	52.9	MG_KG	0	1.31		Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-62-2	Vanadium	150	MG_KG	0	3.28	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7440-66-6	Zinc	187	MG_KG	0	3.28	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7782-49-2	Selenium	0.892	MG_KG	0	3.28	J	Y
9/27/2011	SS	0	1	N	78SB58-00	METAL	7439-97-6	Mercury	0.0413	MG_KG	0	0.0411		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	83-32-9	Acenaphthene	1.8	UG_KG	0	12	J	Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	85-01-8	Phenanthrene	35	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	86-73-7	Fluorene	0.97	UG_KG	0	12	J	Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	91-20-3	Naphthalene	2.8	UG_KG	0	12	U	N
9/27/2011	SS	0	1	N	78SB58-00	SVOA	91-57-6	2-Methylnaphthalene	2.8	UG_KG	0	12	U	N
9/27/2011	SS	0	1	N	78SB58-00	SVOA	120-12-7	Anthracene	5	UG_KG	0	12	J	Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	129-00-0	Pyrene	130	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	191-24-2	Benzo(g,h,i)perylene	56	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	69	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	205-99-2	Benzo(b)fluoranthene	130	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	206-44-0	Fluoranthene	130	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	207-08-9	Benzo(k)fluoranthene	54	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	208-96-8	Acenaphthylene	2.8	UG_KG	0	12	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
9/27/2011	SS	0	1	N	78SB58-00	SVOA	218-01-9	Chrysene	97	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	50-32-8	Benzo(a)pyrene	88	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	53-70-3	Dibenz(a,h)anthracene	16	UG_KG	0	12		Y
9/27/2011	SS	0	1	N	78SB58-00	SVOA	56-55-3	Benzo(a)anthracene	96	UG_KG	0	12		Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-31-5	Tin	2.24	MG_KG	0	13.6	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7439-92-1	Lead	2.27	MG_KG	0	0.695		Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-02-0	Nickel	19	MG_KG	0	0.695	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-22-4	Silver	0.348	MG_KG	0	0.695	UJ	N
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-28-0	Thallium	0.348	MG_KG	0	0.695	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-36-0	Antimony	0.695	MG_KG	0	1.39	R	--
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-38-2	Arsenic	3.23	MG_KG	0	1.39	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-39-3	Barium	161	MG_KG	0	6.95	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-41-7	Beryllium	0.504	MG_KG	0	0.695	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-43-9	Cadmium	0.199	MG_KG	0	0.695	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-47-3	Chromium	22.5	MG_KG	0	8.34	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-48-4	Cobalt	38.8	MG_KG	0	0.695	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-50-8	Copper	91	MG_KG	0	1.39		Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-62-2	Vanadium	175	MG_KG	0	3.48	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7440-66-6	Zinc	47.9	MG_KG	0	3.48	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7782-49-2	Selenium	0.691	MG_KG	0	3.48	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	METAL	7439-97-6	Mercury	0.0153	MG_KG	0	0.0445	J	Y
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	83-32-9	Acenaphthene	2.9	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	85-01-8	Phenanthrene	2.9	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	86-73-7	Fluorene	2.9	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	91-20-3	Naphthalene	2.9	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	91-57-6	2-Methylnaphthalene	2.9	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	120-12-7	Anthracene	2.9	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	129-00-0	Pyrene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	191-24-2	Benzo(g,h,i)perylene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	205-99-2	Benzo(b)fluoranthene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	206-44-0	Fluoranthene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	207-08-9	Benzo(k)fluoranthene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	208-96-8	Acenaphthylene	2.9	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	218-01-9	Chrysene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	50-32-8	Benzo(a)pyrene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	53-70-3	Dibenz(a,h)anthracene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	FD	78SB58-01D	SVOA	56-55-3	Benzo(a)anthracene	5.8	UG_KG	0	12	U	N
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-31-5	Tin	2.52	MG_KG	0	13.2	U	N
9/27/2011	SB	1	3	N	78SB58-01	METAL	7439-92-1	Lead	1.65	MG_KG	0	0.63		Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-02-0	Nickel	11.1	MG_KG	0	0.63	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-22-4	Silver	0.315	MG_KG	0	0.63	UJ	N
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-28-0	Thallium	0.0543	MG_KG	0	0.63	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-36-0	Antimony	0.63	MG_KG	0	1.26	R	--
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-38-2	Arsenic	2.92	MG_KG	0	1.26	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-39-3	Barium	169	MG_KG	0	6.3	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-41-7	Beryllium	0.428	MG_KG	0	0.63	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-43-9	Cadmium	0.218	MG_KG	0	0.63	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-47-3	Chromium	19.2	MG_KG	0	7.56	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-48-4	Cobalt	19.7	MG_KG	0	0.63	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-50-8	Copper	71.1	MG_KG	0	1.26	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-62-2	Vanadium	133	MG_KG	0	3.15	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7440-66-6	Zinc	35.4	MG_KG	0	3.15	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7782-49-2	Selenium	0.534	MG_KG	0	3.15	J	Y
9/27/2011	SB	1	3	N	78SB58-01	METAL	7439-97-6	Mercury	0.0186	MG_KG	0	0.0409	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	83-32-9	Acenaphthene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	85-01-8	Phenanthrene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	86-73-7	Fluorene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	91-20-3	Naphthalene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	91-57-6	2-Methylnaphthalene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	120-12-7	Anthracene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	129-00-0	Pyrene	5.3	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	191-24-2	Benzo(g,h,i)perylene	5.3	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	5.3	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	205-99-2	Benzo(b)fluoranthene	5.3	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	206-44-0	Fluoranthene	5.3	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	207-08-9	Benzo(k)fluoranthene	5.3	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	208-96-8	Acenaphthylene	2.6	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	218-01-9	Chrysene	5.3	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	50-32-8	Benzo(a)pyrene	5.3	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	53-70-3	Dibenz(a,h)anthracene	5.3	UG_KG	0	11	U	N
9/27/2011	SB	1	3	N	78SB58-01	SVOA	56-55-3	Benzo(a)anthracene	5.3	UG_KG	0	11	U	N
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-31-5	Tin	2.18	MG_KG	0	11	U	N
9/27/2011	SS	0	1	N	78SB59-00	METAL	7439-92-1	Lead	5.08	MG_KG	0	0.526		Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-02-0	Nickel	10	MG_KG	0	0.526	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-22-4	Silver	0.263	MG_KG	0	0.526	UJ	N
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-28-0	Thallium	0.0174	MG_KG	0	0.526	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-36-0	Antimony	0.526	MG_KG	0	1.05	R	--
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-38-2	Arsenic	3.58	MG_KG	0	1.05	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-39-3	Barium	54.1	MG_KG	0	5.26	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-41-7	Beryllium	0.139	MG_KG	0	0.526	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-43-9	Cadmium	0.303	MG_KG	0	0.526	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-47-3	Chromium	14	MG_KG	0	6.31	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-48-4	Cobalt	12.8	MG_KG	0	0.526		Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-50-8	Copper	34.8	MG_KG	0	1.05		Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-62-2	Vanadium	90	MG_KG	0	2.63	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7440-66-6	Zinc	37.6	MG_KG	0	2.63	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7782-49-2	Selenium	0.387	MG_KG	0	2.63	J	Y
9/27/2011	SS	0	1	N	78SB59-00	METAL	7439-97-6	Mercury	0.0247	MG_KG	0	0.034	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	83-32-9	Acenaphthene	4.5	UG_KG	0	19	UJ	N
9/27/2011	SS	0	1	N	78SB59-00	SVOA	85-01-8	Phenanthrene	8.1	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	86-73-7	Fluorene	4.5	UG_KG	0	19	UJ	N
9/27/2011	SS	0	1	N	78SB59-00	SVOA	91-20-3	Naphthalene	4.5	UG_KG	0	19	UJ	N
9/27/2011	SS	0	1	N	78SB59-00	SVOA	91-57-6	2-Methylnaphthalene	4.5	UG_KG	0	19	UJ	N
9/27/2011	SS	0	1	N	78SB59-00	SVOA	120-12-7	Anthracene	2	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	129-00-0	Pyrene	19	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	191-24-2	Benzo(g,h,i)perylene	52	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	7.5	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	205-99-2	Benzo(b)fluoranthene	12	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	206-44-0	Fluoranthene	18	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	207-08-9	Benzo(k)fluoranthene	8.7	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	208-96-8	Acenaphthylene	4.5	UG_KG	0	19	UJ	N
9/27/2011	SS	0	1	N	78SB59-00	SVOA	218-01-9	Chrysene	15	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	50-32-8	Benzo(a)pyrene	14	UG_KG	0	19	J	Y
9/27/2011	SS	0	1	N	78SB59-00	SVOA	53-70-3	Dibenz(a,h)anthracene	8.9	UG_KG	0	19	UJ	N
9/27/2011	SS	0	1	N	78SB59-00	SVOA	56-55-3	Benzo(a)anthracene	8.2	UG_KG	0	19	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-31-5	Tin	2.18	MG_KG	0	11.2	U	N
9/27/2011	SB	1	3	N	78SB59-01	METAL	7439-92-1	Lead	4.41	MG_KG	0	0.566		Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-02-0	Nickel	8.09	MG_KG	0	0.566	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-22-4	Silver	0.283	MG_KG	0	0.566	UJ	N
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-28-0	Thallium	0.042	MG_KG	0	0.566	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-36-0	Antimony	0.566	MG_KG	0	1.13	R	--
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-38-2	Arsenic	0.946	MG_KG	0	1.13	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-39-3	Barium	126	MG_KG	0	5.66	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-41-7	Beryllium	0.218	MG_KG	0	0.566	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-43-9	Cadmium	0.36	MG_KG	0	0.566	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-47-3	Chromium	18	MG_KG	0	6.8	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-48-4	Cobalt	14.7	MG_KG	0	0.566		Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-50-8	Copper	39.9	MG_KG	0	1.13		Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-62-2	Vanadium	89.2	MG_KG	0	2.83	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7440-66-6	Zinc	51.4	MG_KG	0	2.83	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7782-49-2	Selenium	0.417	MG_KG	0	2.83	J	Y
9/27/2011	SB	1	3	N	78SB59-01	METAL	7439-97-6	Mercury	0.03	MG_KG	0	0.0362	J	Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	83-32-9	Acenaphthene	2.3	UG_KG	0	9.4	U	N
9/27/2011	SB	1	3	N	78SB59-01	SVOA	85-01-8	Phenanthrene	16	UG_KG	0	9.4		Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	86-73-7	Fluorene	0.91	UG_KG	0	9.4	J	Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	91-20-3	Naphthalene	2.3	UG_KG	0	9.4	U	N
9/27/2011	SB	1	3	N	78SB59-01	SVOA	91-57-6	2-Methylnaphthalene	2.3	UG_KG	0	9.4	U	N
9/27/2011	SB	1	3	N	78SB59-01	SVOA	120-12-7	Anthracene	5	UG_KG	0	9.4	J	Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	129-00-0	Pyrene	40	UG_KG	0	9.4		Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	191-24-2	Benzo(g,h,i)perylene	23	UG_KG	0	9.4		Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	22	UG_KG	0	9.4		Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	205-99-2	Benzo(b)fluoranthene	36	UG_KG	0	9.4		Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	206-44-0	Fluoranthene	47	UG_KG	0	9.4		Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	207-08-9	Benzo(k)fluoranthene	13	UG_KG	0	9.4		Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	208-96-8	Acenaphthylene	2.3	UG_KG	0	9.4	U	N
9/27/2011	SB	1	3	N	78SB59-01	SVOA	218-01-9	Chrysene	30	UG_KG	0	9.4		Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	50-32-8	Benzo(a)pyrene	27	UG_KG	0	9.4		Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	53-70-3	Dibenz(a,h)anthracene	5	UG_KG	0	9.4	J	Y
9/27/2011	SB	1	3	N	78SB59-01	SVOA	56-55-3	Benzo(a)anthracene	30	UG_KG	0	9.4		Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-31-5	Tin	2.39	MG_KG	0	11.1	U	N
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7439-92-1	Lead	33.2	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-02-0	Nickel	12.9	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-22-4	Silver	0.0753	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-28-0	Thallium	0.0636	MG_KG	0	0.49	U	N
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-36-0	Antimony	0.49	MG_KG	0	0.98	R	--
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-38-2	Arsenic	1.45	MG_KG	0	0.98		Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-39-3	Barium	122	MG_KG	0	4.9	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-41-7	Beryllium	0.398	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-43-9	Cadmium	0.614	MG_KG	0	0.49		Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-47-3	Chromium	20.7	MG_KG	0	5.88		Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-48-4	Cobalt	22.7	MG_KG	0	0.49		Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-50-8	Copper	116	MG_KG	0	0.98	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-62-2	Vanadium	141	MG_KG	0	2.45	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7440-66-6	Zinc	162	MG_KG	0	2.45	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7782-49-2	Selenium	0.321	MG_KG	0	2.45	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	METAL	7439-97-6	Mercury	0.0356	MG_KG	0	0.0366	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	83-32-9	Acenaphthene	2.21	UG_KG	0	9.16	U	N
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	85-01-8	Phenanthrene	1.93	UG_KG	0	9.16	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	86-73-7	Fluorene	2.21	UG_KG	0	9.16	U	N
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	91-20-3	Naphthalene	2.21	UG_KG	0	9.16	U	N
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	91-57-6	2-Methylnaphthalene	2.21	UG_KG	0	9.16	U	N
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	120-12-7	Anthracene	2.21	UG_KG	0	9.16	U	N
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	129-00-0	Pyrene	7.73	UG_KG	0	9.16	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	191-24-2	Benzo(g,h,i)perylene	113	UG_KG	0	9.16	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	17.2	UG_KG	0	9.16		Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	205-99-2	Benzo(b)fluoranthene	11.3	UG_KG	0	9.16		Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	206-44-0	Fluoranthene	7.71	UG_KG	0	9.16	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	207-08-9	Benzo(k)fluoranthene	6.98	UG_KG	0	9.16	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	208-96-8	Acenaphthylene	2.21	UG_KG	0	9.16	U	N
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	218-01-9	Chrysene	8.76	UG_KG	0	9.16	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	50-32-8	Benzo(a)pyrene	10.2	UG_KG	0	9.16		Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	53-70-3	Dibenz(a,h)anthracene	4.83	UG_KG	0	9.16	J	Y
4/27/2011	SS	0	1	FD	78SB17-00D	SVOA	56-55-3	Benzo(a)anthracene	5.76	UG_KG	0	9.16	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-31-5	Tin	2.15	MG_KG	0	11	U	N
4/27/2011	SS	0	1	N	78SB17-00	METAL	7439-92-1	Lead	16.7	MG_KG	0	0.485	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-02-0	Nickel	9.52	MG_KG	0	0.485	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-22-4	Silver	0.0544	MG_KG	0	0.485	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-28-0	Thallium	0.115	MG_KG	0	0.485	U	N
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-36-0	Antimony	0.485	MG_KG	0	0.971	R	--
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-38-2	Arsenic	0.724	MG_KG	0	0.971	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-39-3	Barium	69.2	MG_KG	0	4.85	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-41-7	Beryllium	0.22	MG_KG	0	0.485	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-43-9	Cadmium	0.511	MG_KG	0	0.485		Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-47-3	Chromium	11.4	MG_KG	0	5.83		Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-48-4	Cobalt	18.3	MG_KG	0	0.485		Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-50-8	Copper	32.4	MG_KG	0	0.971	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-62-2	Vanadium	110	MG_KG	0	2.43	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7440-66-6	Zinc	95.6	MG_KG	0	2.43	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7782-49-2	Selenium	0.132	MG_KG	0	2.43	J	Y
4/27/2011	SS	0	1	N	78SB17-00	METAL	7439-97-6	Mercury	0.013	MG_KG	0	0.033	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	83-32-9	Acenaphthene	4.62	UG_KG	0	9.13	U	N
4/27/2011	SS	0	1	N	78SB17-00	SVOA	85-01-8	Phenanthrene	1.42	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	86-73-7	Fluorene	4.62	UG_KG	0	9.13	U	N
4/27/2011	SS	0	1	N	78SB17-00	SVOA	91-20-3	Naphthalene	4.62	UG_KG	0	9.13	U	N
4/27/2011	SS	0	1	N	78SB17-00	SVOA	91-57-6	2-Methylnaphthalene	4.62	UG_KG	0	9.13	U	N
4/27/2011	SS	0	1	N	78SB17-00	SVOA	120-12-7	Anthracene	4.62	UG_KG	0	9.13	U	N
4/27/2011	SS	0	1	N	78SB17-00	SVOA	129-00-0	Pyrene	17.1	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	191-24-2	Benzo(g,h,i)perylene	130	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	15.4	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	205-99-2	Benzo(b)fluoranthene	8.49	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	206-44-0	Fluoranthene	5.79	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	207-08-9	Benzo(k)fluoranthene	6.57	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	208-96-8	Acenaphthylene	4.62	UG_KG	0	9.13	U	N
4/27/2011	SS	0	1	N	78SB17-00	SVOA	218-01-9	Chrysene	7.65	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	50-32-8	Benzo(a)pyrene	9.56	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	53-70-3	Dibenz(a,h)anthracene	2.78	UG_KG	0	9.13	J	Y
4/27/2011	SS	0	1	N	78SB17-00	SVOA	56-55-3	Benzo(a)anthracene	5.59	UG_KG	0	9.13	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-31-5	Tin	1.9	MG_KG	0	10.9	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7439-92-1	Lead	2.66	MG_KG	0	0.485	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-02-0	Nickel	7.57	MG_KG	0	0.485	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-22-4	Silver	0.0658	MG_KG	0	0.485	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-28-0	Thallium	0.0345	MG_KG	0	0.485	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-36-0	Antimony	0.485	MG_KG	0	0.971	R	--
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-38-2	Arsenic	0.416	MG_KG	0	0.971	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-39-3	Barium	37.2	MG_KG	0	4.85		Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-41-7	Beryllium	0.19	MG_KG	0	0.485	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-43-9	Cadmium	0.37	MG_KG	0	0.485	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-47-3	Chromium	7.6	MG_KG	0	5.83		Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-48-4	Cobalt	15.2	MG_KG	0	0.485		Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-50-8	Copper	18.9	MG_KG	0	0.971		Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-62-2	Vanadium	96	MG_KG	0	2.43	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7440-66-6	Zinc	39.8	MG_KG	0	2.43	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7782-49-2	Selenium	0.163	MG_KG	0	2.43	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	METAL	7439-97-6	Mercury	0.0103	MG_KG	0	0.0341	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	83-32-9	Acenaphthene	2.17	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	85-01-8	Phenanthrene	2.17	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	86-73-7	Fluorene	2.17	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	91-20-3	Naphthalene	2.17	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	91-57-6	2-Methylnaphthalene	2.17	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	120-12-7	Anthracene	2.17	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	129-00-0	Pyrene	4.34	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	191-24-2	Benzo(g,h,i)perylene	1.96	UG_KG	0	9.01	J	Y
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.34	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	205-99-2	Benzo(b)fluoranthene	4.34	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	206-44-0	Fluoranthene	4.34	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	207-08-9	Benzo(k)fluoranthene	4.34	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	208-96-8	Acenaphthylene	2.17	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	218-01-9	Chrysene	4.34	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	50-32-8	Benzo(a)pyrene	4.34	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	53-70-3	Dibenz(a,h)anthracene	4.34	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	FD	78SB17-01D	SVOA	56-55-3	Benzo(a)anthracene	4.34	UG_KG	0	9.01	U	N
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-31-5	Tin	1.94	MG_KG	0	10.8	U	N
4/27/2011	SB	1	3	N	78SB17-01	METAL	7439-92-1	Lead	4.39	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-02-0	Nickel	7.57	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-22-4	Silver	0.0542	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-28-0	Thallium	0.116	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-38-2	Arsenic	0.398	MG_KG	0	0.99	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-39-3	Barium	42.1	MG_KG	0	4.95		Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-41-7	Beryllium	0.215	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-43-9	Cadmium	0.498	MG_KG	0	0.495		Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-47-3	Chromium	8.69	MG_KG	0	5.94	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-48-4	Cobalt	15.2	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-50-8	Copper	18.1	MG_KG	0	0.99	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-62-2	Vanadium	102	MG_KG	0	2.48	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7440-66-6	Zinc	45.7	MG_KG	0	2.48	J	Y
4/27/2011	SB	1	3	N	78SB17-01	METAL	7782-49-2	Selenium	1.24	MG_KG	0	2.48	UJ	N
4/27/2011	SB	1	3	N	78SB17-01	METAL	7439-97-6	Mercury	0.0102	MG_KG	0	0.0335	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	83-32-9	Acenaphthene	2.17	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	85-01-8	Phenanthrene	2.17	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	86-73-7	Fluorene	2.17	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	91-20-3	Naphthalene	2.17	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	91-57-6	2-Methylnaphthalene	2.17	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	120-12-7	Anthracene	2.17	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	129-00-0	Pyrene	3.07	UG_KG	0	8.99	J	Y
4/27/2011	SB	1	3	N	78SB17-01	SVOA	191-24-2	Benzo(g,h,i)perylene	3.24	UG_KG	0	8.99	J	Y
4/27/2011	SB	1	3	N	78SB17-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	6.65	UG_KG	0	8.99	J	Y
4/27/2011	SB	1	3	N	78SB17-01	SVOA	205-99-2	Benzo(b)fluoranthene	4.33	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	206-44-0	Fluoranthene	1.34	UG_KG	0	8.99	J	Y
4/27/2011	SB	1	3	N	78SB17-01	SVOA	207-08-9	Benzo(k)fluoranthene	4.33	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	208-96-8	Acenaphthylene	2.17	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	218-01-9	Chrysene	4.33	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	50-32-8	Benzo(a)pyrene	4.33	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	53-70-3	Dibenz(a,h)anthracene	4.33	UG_KG	0	8.99	U	N
4/27/2011	SB	1	3	N	78SB17-01	SVOA	56-55-3	Benzo(a)anthracene	4.33	UG_KG	0	8.99	U	N
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-31-5	Tin	2.28	MG_KG	0	13	U	N
4/27/2011	SS	0	1	N	78SB18-00	METAL	7439-92-1	Lead	34.6	MG_KG	0	0.467	J	Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-02-0	Nickel	11.1	MG_KG	0	0.467	J	Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-22-4	Silver	0.0676	MG_KG	0	0.467	J	Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-28-0	Thallium	0.0416	MG_KG	0	0.467	J	Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-36-0	Antimony	0.467	MG_KG	0	0.935	R	--
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-38-2	Arsenic	1.23	MG_KG	0	0.935		Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-39-3	Barium	130	MG_KG	0	4.67		Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-41-7	Beryllium	0.317	MG_KG	0	0.467	J	Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-43-9	Cadmium	0.46	MG_KG	0	0.467	J	Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-47-3	Chromium	17.7	MG_KG	0	5.61		Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-48-4	Cobalt	18.8	MG_KG	0	0.467		Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-50-8	Copper	96.6	MG_KG	0	0.935		Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-62-2	Vanadium	127	MG_KG	0	2.34	J	Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7440-66-6	Zinc	147	MG_KG	0	2.34		Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7782-49-2	Selenium	0.289	MG_KG	0	2.34	J	Y
4/27/2011	SS	0	1	N	78SB18-00	METAL	7439-97-6	Mercury	0.023	MG_KG	0	0.0397	J	Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	83-32-9	Acenaphthene	2.6	UG_KG	0	10.8	U	N
4/27/2011	SS	0	1	N	78SB18-00	SVOA	85-01-8	Phenanthrene	2.39	UG_KG	0	10.8	J	Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	86-73-7	Fluorene	2.6	UG_KG	0	10.8	U	N
4/27/2011	SS	0	1	N	78SB18-00	SVOA	91-20-3	Naphthalene	2.6	UG_KG	0	10.8	U	N
4/27/2011	SS	0	1	N	78SB18-00	SVOA	91-57-6	2-Methylnaphthalene	2.6	UG_KG	0	10.8	U	N
4/27/2011	SS	0	1	N	78SB18-00	SVOA	120-12-7	Anthracene	2.6	UG_KG	0	10.8	U	N
4/27/2011	SS	0	1	N	78SB18-00	SVOA	129-00-0	Pyrene	8.36	UG_KG	0	10.8	J	Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	191-24-2	Benzo(g,h,i)perylene	93.7	UG_KG	0	10.8		Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	13.4	UG_KG	0	10.8		Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	205-99-2	Benzo(b)fluoranthene	10.5	UG_KG	0	10.8	J	Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	206-44-0	Fluoranthene	7.9	UG_KG	0	10.8	J	Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	207-08-9	Benzo(k)fluoranthene	6.97	UG_KG	0	10.8	J	Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	208-96-8	Acenaphthylene	2.6	UG_KG	0	10.8	U	N
4/27/2011	SS	0	1	N	78SB18-00	SVOA	218-01-9	Chrysene	9.32	UG_KG	0	10.8	J	Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	50-32-8	Benzo(a)pyrene	10.5	UG_KG	0	10.8	J	Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	53-70-3	Dibenz(a,h)anthracene	4.08	UG_KG	0	10.8	J	Y
4/27/2011	SS	0	1	N	78SB18-00	SVOA	56-55-3	Benzo(a)anthracene	6.95	UG_KG	0	10.8	J	Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-31-5	Tin	2.07	MG_KG	0	11.3	U	N
4/27/2011	SB	1	3	N	78SB18-01	METAL	7439-92-1	Lead	5.9	MG_KG	0	0.467	J	Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-02-0	Nickel	9.28	MG_KG	0	0.467	J	Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-22-4	Silver	0.0417	MG_KG	0	0.467	J	Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-28-0	Thallium	0.0253	MG_KG	0	0.467	J	Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-36-0	Antimony	0.467	MG_KG	0	0.935	R	--
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-38-2	Arsenic	0.5	MG_KG	0	0.935	J	Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-39-3	Barium	38.9	MG_KG	0	4.67		Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-41-7	Beryllium	0.184	MG_KG	0	0.467	J	Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-43-9	Cadmium	0.292	MG_KG	0	0.467	J	Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-47-3	Chromium	11.4	MG_KG	0	5.61		Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-48-4	Cobalt	14.1	MG_KG	0	0.467		Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-50-8	Copper	38.2	MG_KG	0	0.935		Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-62-2	Vanadium	113	MG_KG	0	2.34	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/27/2011	SB	1	3	N	78SB18-01	METAL	7440-66-6	Zinc	43.2	MG_KG	0	2.34	J	Y
4/27/2011	SB	1	3	N	78SB18-01	METAL	7782-49-2	Selenium	1.17	MG_KG	0	2.34	UJ	N
4/27/2011	SB	1	3	N	78SB18-01	METAL	7439-97-6	Mercury	0.0111	MG_KG	0	0.0366	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	83-32-9	Acenaphthene	2.26	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	85-01-8	Phenanthrene	2.26	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	86-73-7	Fluorene	2.26	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	91-20-3	Naphthalene	2.26	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	91-57-6	2-Methylnaphthalene	2.26	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	120-12-7	Anthracene	2.26	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	129-00-0	Pyrene	3.36	UG_KG	0	9.37	J	Y
4/27/2011	SB	1	3	N	78SB18-01	SVOA	191-24-2	Benzo(g,h,i)perylene	7.07	UG_KG	0	9.37	J	Y
4/27/2011	SB	1	3	N	78SB18-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	7.46	UG_KG	0	9.37	J	Y
4/27/2011	SB	1	3	N	78SB18-01	SVOA	205-99-2	Benzo(b)fluoranthene	4.51	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	206-44-0	Fluoranthene	1.99	UG_KG	0	9.37	J	Y
4/27/2011	SB	1	3	N	78SB18-01	SVOA	207-08-9	Benzo(k)fluoranthene	4.51	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	208-96-8	Acenaphthylene	2.26	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	218-01-9	Chrysene	4.51	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	50-32-8	Benzo(a)pyrene	4.51	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	53-70-3	Dibenz(a,h)anthracene	4.51	UG_KG	0	9.37	U	N
4/27/2011	SB	1	3	N	78SB18-01	SVOA	56-55-3	Benzo(a)anthracene	4.51	UG_KG	0	9.37	U	N
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-31-5	Tin	1.8	MG_KG	0	12.2	U	N
4/27/2011	SS	0	1	N	78SB19-00	METAL	7439-92-1	Lead	39.9	MG_KG	0	0.5	J	Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-02-0	Nickel	15.9	MG_KG	0	0.5	J	Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-22-4	Silver	0.25	MG_KG	0	0.5	UJ	N
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-28-0	Thallium	0.0478	MG_KG	0	0.5	U	N
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-38-2	Arsenic	1.37	MG_KG	0	1		Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-39-3	Barium	149	MG_KG	0	5		Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-41-7	Beryllium	0.214	MG_KG	0	0.5	J	Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-43-9	Cadmium	0.577	MG_KG	0	0.5		Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-47-3	Chromium	22.8	MG_KG	0	6		Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-48-4	Cobalt	19.5	MG_KG	0	0.5		Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-50-8	Copper	58	MG_KG	0	1		Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-62-2	Vanadium	147	MG_KG	0	2.5	J	Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7440-66-6	Zinc	123	MG_KG	0	2.5		Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7782-49-2	Selenium	0.345	MG_KG	0	2.5	J	Y
4/27/2011	SS	0	1	N	78SB19-00	METAL	7439-97-6	Mercury	0.0568	MG_KG	0	0.0391		Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	83-32-9	Acenaphthene	2.45	UG_KG	0	10.2	U	N
4/27/2011	SS	0	1	N	78SB19-00	SVOA	85-01-8	Phenanthrene	3.4	UG_KG	0	10.2	J	Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	86-73-7	Fluorene	2.45	UG_KG	0	10.2	U	N
4/27/2011	SS	0	1	N	78SB19-00	SVOA	91-20-3	Naphthalene	2.45	UG_KG	0	10.2	U	N
4/27/2011	SS	0	1	N	78SB19-00	SVOA	91-57-6	2-Methylnaphthalene	2.45	UG_KG	0	10.2	U	N
4/27/2011	SS	0	1	N	78SB19-00	SVOA	120-12-7	Anthracene	2.45	UG_KG	0	10.2	U	N
4/27/2011	SS	0	1	N	78SB19-00	SVOA	129-00-0	Pyrene	18.4	UG_KG	0	10.2		Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	191-24-2	Benzo(g,h,i)perylene	24.2	UG_KG	0	10.2		Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	17.6	UG_KG	0	10.2		Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	205-99-2	Benzo(b)fluoranthene	25.3	UG_KG	0	10.2		Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	206-44-0	Fluoranthene	21.5	UG_KG	0	10.2		Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	207-08-9	Benzo(k)fluoranthene	21.6	UG_KG	0	10.2		Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	208-96-8	Acenaphthylene	2.45	UG_KG	0	10.2	U	N
4/27/2011	SS	0	1	N	78SB19-00	SVOA	218-01-9	Chrysene	21.4	UG_KG	0	10.2		Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	50-32-8	Benzo(a)pyrene	20.4	UG_KG	0	10.2		Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	53-70-3	Dibenz(a,h)anthracene	5.58	UG_KG	0	10.2	J	Y
4/27/2011	SS	0	1	N	78SB19-00	SVOA	56-55-3	Benzo(a)anthracene	18.4	UG_KG	0	10.2		Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-31-5	Tin	2.31	MG_KG	0	12.6	U	N
4/26/2011	SS	0	1	N	78SB20-00	METAL	7439-92-1	Lead	71.1	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-02-0	Nickel	11	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-22-4	Silver	0.0426	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-28-0	Thallium	0.0411	MG_KG	0	0.49	U	N
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-36-0	Antimony	0.49	MG_KG	0	0.98	R	--
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-38-2	Arsenic	1.52	MG_KG	0	0.98		Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-39-3	Barium	114	MG_KG	0	4.9		Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-41-7	Beryllium	0.219	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-43-9	Cadmium	0.883	MG_KG	0	0.49		Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-47-3	Chromium	22.8	MG_KG	0	5.88		Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-48-4	Cobalt	21.6	MG_KG	0	0.49		Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-50-8	Copper	104	MG_KG	0	0.98		Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-62-2	Vanadium	113	MG_KG	0	2.45	J	Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7440-66-6	Zinc	234	MG_KG	0	2.45		Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7782-49-2	Selenium	0.37	MG_KG	0	2.45	J	Y
4/26/2011	SS	0	1	N	78SB20-00	METAL	7439-97-6	Mercury	0.0588	MG_KG	0	0.0396		Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-31-5	Tin	2.78	MG_KG	0	11.5	U	N
4/27/2011	SS	0	1	N	78SB21-00	METAL	7439-92-1	Lead	88.4	MG_KG	0	0.485	J	Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-02-0	Nickel	14.5	MG_KG	0	0.485	J	Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-22-4	Silver	0.0595	MG_KG	0	0.485	J	Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-28-0	Thallium	0.0512	MG_KG	0	0.485	J	Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-36-0	Antimony	0.485	MG_KG	0	0.971	R	--
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-38-2	Arsenic	1.86	MG_KG	0	0.971		Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-39-3	Barium	140	MG_KG	0	4.85		Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-41-7	Beryllium	0.519	MG_KG	0	0.485		Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-43-9	Cadmium	0.491	MG_KG	0	0.485		Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-47-3	Chromium	39.1	MG_KG	0	5.83		Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-48-4	Cobalt	36.2	MG_KG	0	0.485		Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-50-8	Copper	113	MG_KG	0	0.971		Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-62-2	Vanadium	124	MG_KG	0	2.43	J	Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7440-66-6	Zinc	612	MG_KG	0	2.43		Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7782-49-2	Selenium	0.339	MG_KG	0	2.43	J	Y
4/27/2011	SS	0	1	N	78SB21-00	METAL	7439-97-6	Mercury	0.0276	MG_KG	0	0.0362	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-31-5	Tin	2.04	MG_KG	0	12.1	U	N
4/27/2011	SB	1	3	N	78SB21-01	METAL	7439-92-1	Lead	3.43	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-02-0	Nickel	11.2	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-22-4	Silver	0.238	MG_KG	0	0.476	UJ	N
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-28-0	Thallium	0.0406	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-38-2	Arsenic	0.436	MG_KG	0	0.952	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-39-3	Barium	132	MG_KG	0	4.76	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-41-7	Beryllium	0.21	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-43-9	Cadmium	0.283	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-47-3	Chromium	14.9	MG_KG	0	5.71	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-48-4	Cobalt	27.3	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-50-8	Copper	54.8	MG_KG	0	0.952	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-62-2	Vanadium	142	MG_KG	0	2.38	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7440-66-6	Zinc	52.1	MG_KG	0	2.38	J	Y
4/27/2011	SB	1	3	N	78SB21-01	METAL	7782-49-2	Selenium	0.126	MG_KG	0	2.38	UJ	N
4/27/2011	SB	1	3	N	78SB21-01	METAL	7439-97-6	Mercury	0.011	MG_KG	0	0.0362	U	N
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-31-5	Tin	1.61	MG_KG	0	10.6	U	N
4/27/2011	SS	0	1	N	78SB22-00	METAL	7439-92-1	Lead	1.02	MG_KG	0	0.472	J	Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-02-0	Nickel	11.2	MG_KG	0	0.472	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-22-4	Silver	0.0534	MG_KG	0	0.472	J	Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-28-0	Thallium	0.0585	MG_KG	0	0.472	J	Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-36-0	Antimony	0.472	MG_KG	0	0.943	R	--
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-38-2	Arsenic	1.05	MG_KG	0	0.943		Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-39-3	Barium	81	MG_KG	0	4.72		Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-41-7	Beryllium	0.156	MG_KG	0	0.472	J	Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-43-9	Cadmium	0.178	MG_KG	0	0.472	J	Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-47-3	Chromium	12.7	MG_KG	0	5.66		Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-48-4	Cobalt	22.3	MG_KG	0	0.472		Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-50-8	Copper	76.9	MG_KG	0	0.943		Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-62-2	Vanadium	211	MG_KG	0	2.36	J	Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7440-66-6	Zinc	43.5	MG_KG	0	2.36		Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7782-49-2	Selenium	0.126	MG_KG	0	2.36	J	Y
4/27/2011	SS	0	1	N	78SB22-00	METAL	7439-97-6	Mercury	0.00992	MG_KG	0	0.0327	U	N
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-31-5	Tin	2.1	MG_KG	0	11.3	U	N
4/27/2011	SB	1	3	N	78SB22-01	METAL	7439-92-1	Lead	0.646	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-02-0	Nickel	12.8	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-22-4	Silver	0.248	MG_KG	0	0.495	U	N
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-28-0	Thallium	0.0193	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-38-2	Arsenic	0.473	MG_KG	0	0.99	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-39-3	Barium	45.4	MG_KG	0	4.95	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-41-7	Beryllium	0.119	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-43-9	Cadmium	0.0946	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-47-3	Chromium	11.2	MG_KG	0	5.94	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-48-4	Cobalt	24	MG_KG	0	0.495	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-50-8	Copper	63.1	MG_KG	0	0.99	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-62-2	Vanadium	117	MG_KG	0	2.48	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7440-66-6	Zinc	35.6	MG_KG	0	2.48	J	Y
4/27/2011	SB	1	3	N	78SB22-01	METAL	7782-49-2	Selenium	0.151	MG_KG	0	2.48	UJ	N
4/27/2011	SB	1	3	N	78SB22-01	METAL	7439-97-6	Mercury	0.0113	MG_KG	0	0.0372	U	N
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-31-5	Tin	2.39	MG_KG	0	11.5	U	N
4/27/2011	SB	5	7	N	78SB22-03	METAL	7439-92-1	Lead	0.943	MG_KG	0	0.495	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-02-0	Nickel	19.4	MG_KG	0	0.495	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-22-4	Silver	0.0705	MG_KG	0	0.495	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-28-0	Thallium	0.0208	MG_KG	0	0.495	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-38-2	Arsenic	0.381	MG_KG	0	0.99	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-39-3	Barium	41.7	MG_KG	0	4.95	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-41-7	Beryllium	0.185	MG_KG	0	0.495	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-43-9	Cadmium	0.184	MG_KG	0	0.495	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-47-3	Chromium	12.7	MG_KG	0	5.94	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-48-4	Cobalt	31.3	MG_KG	0	0.495	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-50-8	Copper	84.6	MG_KG	0	0.99	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-62-2	Vanadium	186	MG_KG	0	2.48	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7440-66-6	Zinc	56.9	MG_KG	0	2.48	J	Y
4/27/2011	SB	5	7	N	78SB22-03	METAL	7782-49-2	Selenium	0.182	MG_KG	0	2.48	UJ	N
4/27/2011	SB	5	7	N	78SB22-03	METAL	7439-97-6	Mercury	0.0113	MG_KG	0	0.0372	U	N
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-31-5	Tin	1.89	MG_KG	0	11.8	UJ	N
4/26/2011	SS	0	1	N	78SB23-00	METAL	7439-92-1	Lead	13.3	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-02-0	Nickel	12.7	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-22-4	Silver	0.0549	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-28-0	Thallium	0.0485	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-38-2	Arsenic	1.39	MG_KG	0	0.952	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-39-3	Barium	150	MG_KG	0	4.76	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-41-7	Beryllium	0.292	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-43-9	Cadmium	0.346	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-47-3	Chromium	24.9	MG_KG	0	5.71	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-48-4	Cobalt	19.4	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-50-8	Copper	63.5	MG_KG	0	0.952	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-62-2	Vanadium	115	MG_KG	0	2.38	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7440-66-6	Zinc	101	MG_KG	0	2.38	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7782-49-2	Selenium	0.232	MG_KG	0	2.38	J	Y
4/26/2011	SS	0	1	N	78SB23-00	METAL	7439-97-6	Mercury	0.0282	MG_KG	0	0.0338	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	83-32-9	Acenaphthene	0.803	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	85-01-8	Phenanthrene	12.6	UG_KG	0	9.77		Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	86-73-7	Fluorene	4.95	UG_KG	0	9.77	U	N
4/26/2011	SS	0	1	N	78SB23-00	SVOA	91-20-3	Naphthalene	4.95	UG_KG	0	9.77	U	N
4/26/2011	SS	0	1	N	78SB23-00	SVOA	91-57-6	2-Methylnaphthalene	4.95	UG_KG	0	9.77	U	N
4/26/2011	SS	0	1	N	78SB23-00	SVOA	120-12-7	Anthracene	1.27	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	129-00-0	Pyrene	74.5	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	191-24-2	Benzo(g,h,i)perylene	23.8	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	22.5	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	205-99-2	Benzo(b)fluoranthene	27.6	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	206-44-0	Fluoranthene	28.2	UG_KG	0	9.77		Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	207-08-9	Benzo(k)fluoranthene	21.2	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	208-96-8	Acenaphthylene	4.95	UG_KG	0	9.77	U	N
4/26/2011	SS	0	1	N	78SB23-00	SVOA	218-01-9	Chrysene	25.1	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	50-32-8	Benzo(a)pyrene	16.7	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	53-70-3	Dibenz(a,h)anthracene	5.55	UG_KG	0	9.77	J	Y
4/26/2011	SS	0	1	N	78SB23-00	SVOA	56-55-3	Benzo(a)anthracene	19.5	UG_KG	0	9.77	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-31-5	Tin	1.59	MG_KG	0	10.9	U	N
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7439-92-1	Lead	4.11	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-02-0	Nickel	6.93	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-22-4	Silver	0.0661	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-28-0	Thallium	0.0571	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-36-0	Antimony	0.472	MG_KG	0	0.943	R	--
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-38-2	Arsenic	0.824	MG_KG	0	0.943	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-39-3	Barium	166	MG_KG	0	4.72		Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-41-7	Beryllium	0.274	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-43-9	Cadmium	0.271	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-47-3	Chromium	9.82	MG_KG	0	5.66		Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-48-4	Cobalt	15.8	MG_KG	0	0.472		Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-50-8	Copper	59.5	MG_KG	0	0.943		Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-62-2	Vanadium	100	MG_KG	0	2.36	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7440-66-6	Zinc	67.2	MG_KG	0	2.36	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7782-49-2	Selenium	0.314	MG_KG	0	2.36	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	METAL	7439-97-6	Mercury	0.0106	MG_KG	0	0.0349	U	N
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	83-32-9	Acenaphthene	2.18	UG_KG	0	9.04	U	N
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	85-01-8	Phenanthrene	1.78	UG_KG	0	9.04	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	86-73-7	Fluorene	2.18	UG_KG	0	9.04	U	N
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	91-20-3	Naphthalene	2.18	UG_KG	0	9.04	U	N
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	91-57-6	2-Methylnaphthalene	2.18	UG_KG	0	9.04	U	N
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	120-12-7	Anthracene	2.18	UG_KG	0	9.04	U	N
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	129-00-0	Pyrene	4.79	UG_KG	0	9.04	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	191-24-2	Benzo(g,h,i)perylene	6.36	UG_KG	0	9.04	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	10.1	UG_KG	0	9.04		Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	205-99-2	Benzo(b)fluoranthene	5.02	UG_KG	0	9.04	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	206-44-0	Fluoranthene	3.55	UG_KG	0	9.04	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	207-08-9	Benzo(k)fluoranthene	3.61	UG_KG	0	9.04	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	208-96-8	Acenaphthylene	2.18	UG_KG	0	9.04	U	N
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	218-01-9	Chrysene	3.28	UG_KG	0	9.04	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	50-32-8	Benzo(a)pyrene	3.15	UG_KG	0	9.04	J	Y
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	53-70-3	Dibenz(a,h)anthracene	4.36	UG_KG	0	9.04	U	N
4/26/2011	SB	1	3	FD	78SB23-01D	SVOA	56-55-3	Benzo(a)anthracene	2.19	UG_KG	0	9.04	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-31-5	Tin	1.95	MG_KG	0	10.8	U	N
4/26/2011	SB	1	3	N	78SB23-01	METAL	7439-92-1	Lead	5.31	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-02-0	Nickel	7.24	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-22-4	Silver	0.053	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-28-0	Thallium	0.0634	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-36-0	Antimony	0.472	MG_KG	0	0.943	R	--
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-38-2	Arsenic	0.654	MG_KG	0	0.943	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-39-3	Barium	139	MG_KG	0	4.72		Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-41-7	Beryllium	0.235	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-43-9	Cadmium	0.303	MG_KG	0	0.472	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-47-3	Chromium	9.63	MG_KG	0	5.66		Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-48-4	Cobalt	19.1	MG_KG	0	0.472		Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-50-8	Copper	48.8	MG_KG	0	0.943		Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-62-2	Vanadium	98.7	MG_KG	0	2.36	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7440-66-6	Zinc	75.1	MG_KG	0	2.36	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7782-49-2	Selenium	0.136	MG_KG	0	2.36	J	Y
4/26/2011	SB	1	3	N	78SB23-01	METAL	7439-97-6	Mercury	0.0103	MG_KG	0	0.0339	U	N
4/26/2011	SB	1	3	N	78SB23-01	SVOA	83-32-9	Acenaphthene	2.16	UG_KG	0	8.95	U	N
4/26/2011	SB	1	3	N	78SB23-01	SVOA	85-01-8	Phenanthrene	2.26	UG_KG	0	8.95	J	Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	86-73-7	Fluorene	2.16	UG_KG	0	8.95	U	N
4/26/2011	SB	1	3	N	78SB23-01	SVOA	91-20-3	Naphthalene	2.16	UG_KG	0	8.95	U	N
4/26/2011	SB	1	3	N	78SB23-01	SVOA	91-57-6	2-Methylnaphthalene	2.16	UG_KG	0	8.95	U	N
4/26/2011	SB	1	3	N	78SB23-01	SVOA	120-12-7	Anthracene	2.16	UG_KG	0	8.95	U	N
4/26/2011	SB	1	3	N	78SB23-01	SVOA	129-00-0	Pyrene	22	UG_KG	0	8.95	J	Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	191-24-2	Benzo(g,h,i)perylene	15.7	UG_KG	0	8.95	J	Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	21.5	UG_KG	0	8.95		Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	205-99-2	Benzo(b)fluoranthene	36.3	UG_KG	0	8.95	J	Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	206-44-0	Fluoranthene	12.6	UG_KG	0	8.95	J	Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	207-08-9	Benzo(k)fluoranthene	34.3	UG_KG	0	8.95	J	Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	208-96-8	Acenaphthylene	2.16	UG_KG	0	8.95	U	N
4/26/2011	SB	1	3	N	78SB23-01	SVOA	218-01-9	Chrysene	40.6	UG_KG	0	8.95	J	Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	50-32-8	Benzo(a)pyrene	19.7	UG_KG	0	8.95	J	Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	53-70-3	Dibenz(a,h)anthracene	3.33	UG_KG	0	8.95	J	Y
4/26/2011	SB	1	3	N	78SB23-01	SVOA	56-55-3	Benzo(a)anthracene	24.2	UG_KG	0	8.95	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-31-5	Tin	1.31	MG_KG	0	11.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	METAL	7439-92-1	Lead	0.871	MG_KG	0	0.495	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-02-0	Nickel	14.6	MG_KG	0	0.495	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-22-4	Silver	0.053	MG_KG	0	0.495	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-28-0	Thallium	0.0731	MG_KG	0	0.495	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-38-2	Arsenic	0.687	MG_KG	0	0.99	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-39-3	Barium	33.9	MG_KG	0	4.95		Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-41-7	Beryllium	0.191	MG_KG	0	0.495	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-43-9	Cadmium	0.202	MG_KG	0	0.495	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-47-3	Chromium	8.32	MG_KG	0	5.94		Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-48-4	Cobalt	25.9	MG_KG	0	0.495		Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-50-8	Copper	83.8	MG_KG	0	0.99		Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-62-2	Vanadium	194	MG_KG	0	2.48	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7440-66-6	Zinc	65.6	MG_KG	0	2.48	J	Y
4/26/2011	SB	5	7	N	78SB23-03	METAL	7782-49-2	Selenium	1.24	MG_KG	0	2.48	UJ	N
4/26/2011	SB	5	7	N	78SB23-03	METAL	7439-97-6	Mercury	0.0102	MG_KG	0	0.0336	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	83-32-9	Acenaphthene	2.26	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	85-01-8	Phenanthrene	2.26	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	86-73-7	Fluorene	2.26	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	91-20-3	Naphthalene	2.26	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	91-57-6	2-Methylnaphthalene	2.26	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	120-12-7	Anthracene	2.26	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	129-00-0	Pyrene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	191-24-2	Benzo(g,h,i)perylene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	205-99-2	Benzo(b)fluoranthene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	206-44-0	Fluoranthene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	207-08-9	Benzo(k)fluoranthene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	208-96-8	Acenaphthylene	2.26	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	218-01-9	Chrysene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	50-32-8	Benzo(a)pyrene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	53-70-3	Dibenz(a,h)anthracene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SB	5	7	N	78SB23-03	SVOA	56-55-3	Benzo(a)anthracene	4.53	UG_KG	0	9.4	U	N
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-31-5	Tin	17.5	MG_KG	0	11.4	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7439-92-1	Lead	27.1	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-02-0	Nickel	11.1	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-22-4	Silver	0.0523	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-28-0	Thallium	0.0553	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-38-2	Arsenic	1.83	MG_KG	0	0.98	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-39-3	Barium	147	MG_KG	0	4.9	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-41-7	Beryllium	0.327	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-43-9	Cadmium	0.394	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-47-3	Chromium	19.6	MG_KG	0	5.88	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-48-4	Cobalt	17.4	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-50-8	Copper	77.3	MG_KG	0	0.98	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-62-2	Vanadium	113	MG_KG	0	2.45	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7440-66-6	Zinc	661	MG_KG	0	2.45	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7782-49-2	Selenium	0.39	MG_KG	0	2.45	J	Y
4/26/2011	SS	0	1	N	78SB24-00	METAL	7439-97-6	Mercury	0.0201	MG_KG	0	0.0365	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	83-32-9	Acenaphthene	1.85	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	85-01-8	Phenanthrene	53.9	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	86-73-7	Fluorene	0.786	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	91-20-3	Naphthalene	2.28	UG_KG	0	9.46	UJ	N
4/26/2011	SS	0	1	N	78SB24-00	SVOA	91-57-6	2-Methylnaphthalene	2.28	UG_KG	0	9.46	UJ	N
4/26/2011	SS	0	1	N	78SB24-00	SVOA	120-12-7	Anthracene	8.3	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	191-24-2	Benzo(g,h,i)perylene	71.8	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	108	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	207-08-9	Benzo(k)fluoranthene	149	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	208-96-8	Acenaphthylene	2.28	UG_KG	0	9.46	UJ	N
4/26/2011	SS	0	1	N	78SB24-00	SVOA	218-01-9	Chrysene	181	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	50-32-8	Benzo(a)pyrene	140	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	53-70-3	Dibenz(a,h)anthracene	34.4	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	56-55-3	Benzo(a)anthracene	167	UG_KG	0	9.46	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	129-00-0	Pyrene	285	UG_KG	0	28.4	J	Y
4/26/2011	SS	0	1	N	78SB24-00	SVOA	205-99-2	Benzo(b)fluoranthene	185	UG_KG	0	28.4	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/26/2011	SS	0	1	N	78SB24-00	SVOA	206-44-0	Fluoranthene	209	UG_KG	0	28.4	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-31-5	Tin	1.88	MG_KG	0	11.4	U	N
4/26/2011	SB	1	3	N	78SB24-01	METAL	7439-92-1	Lead	2.44	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-02-0	Nickel	6.6	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-22-4	Silver	0.248	MG_KG	0	0.495	UJ	N
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-28-0	Thallium	0.0408	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-38-2	Arsenic	0.539	MG_KG	0	0.99	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-39-3	Barium	129	MG_KG	0	4.95		Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-41-7	Beryllium	0.196	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-43-9	Cadmium	0.248	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-47-3	Chromium	10.6	MG_KG	0	5.94		Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-48-4	Cobalt	14.4	MG_KG	0	0.495		Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-50-8	Copper	58.9	MG_KG	0	0.99		Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-62-2	Vanadium	92.3	MG_KG	0	2.48	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7440-66-6	Zinc	43.2	MG_KG	0	2.48	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7782-49-2	Selenium	0.154	MG_KG	0	2.48	J	Y
4/26/2011	SB	1	3	N	78SB24-01	METAL	7439-97-6	Mercury	0.0103	MG_KG	0	0.0341	U	N
4/26/2011	SB	1	3	N	78SB24-01	SVOA	83-32-9	Acenaphthene	2.26	UG_KG	0	9.39	UJ	N
4/26/2011	SB	1	3	N	78SB24-01	SVOA	85-01-8	Phenanthrene	9.87	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	86-73-7	Fluorene	0.715	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	91-20-3	Naphthalene	2.26	UG_KG	0	9.39	UJ	N
4/26/2011	SB	1	3	N	78SB24-01	SVOA	91-57-6	2-Methylnaphthalene	2.26	UG_KG	0	9.39	UJ	N
4/26/2011	SB	1	3	N	78SB24-01	SVOA	120-12-7	Anthracene	2.04	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	191-24-2	Benzo(g,h,i)perylene	71.1	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	81.7	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	205-99-2	Benzo(b)fluoranthene	165	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	206-44-0	Fluoranthene	57.6	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	207-08-9	Benzo(k)fluoranthene	93.2	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	208-96-8	Acenaphthylene	2.26	UG_KG	0	9.39	UJ	N
4/26/2011	SB	1	3	N	78SB24-01	SVOA	50-32-8	Benzo(a)pyrene	114	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	53-70-3	Dibenz(a,h)anthracene	24.2	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	56-55-3	Benzo(a)anthracene	87.9	UG_KG	0	9.39	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	129-00-0	Pyrene	173	UG_KG	0	18.8	J	Y
4/26/2011	SB	1	3	N	78SB24-01	SVOA	218-01-9	Chrysene	169	UG_KG	0	18.8	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-31-5	Tin	1.55	MG_KG	0	11.4	U	N
4/26/2011	SB	7	9	N	78SB24-04	METAL	7439-92-1	Lead	2.23	MG_KG	0	0.495	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-02-0	Nickel	28.9	MG_KG	0	0.495	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-22-4	Silver	0.248	MG_KG	0	0.495	UJ	N
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-28-0	Thallium	0.051	MG_KG	0	0.495	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-38-2	Arsenic	5.41	MG_KG	0	0.99	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-39-3	Barium	59.5	MG_KG	0	4.95		Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-41-7	Beryllium	0.245	MG_KG	0	0.495	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-43-9	Cadmium	0.186	MG_KG	0	0.495	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-47-3	Chromium	37.5	MG_KG	0	5.94		Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-48-4	Cobalt	43.9	MG_KG	0	0.495		Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-50-8	Copper	360	MG_KG	0	0.99		Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-62-2	Vanadium	276	MG_KG	0	2.48	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7440-66-6	Zinc	124	MG_KG	0	2.48	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7782-49-2	Selenium	0.203	MG_KG	0	2.48	J	Y
4/26/2011	SB	7	9	N	78SB24-04	METAL	7439-97-6	Mercury	0.0107	MG_KG	0	0.0352	U	N
4/26/2011	SB	7	9	N	78SB24-04	SVOA	83-32-9	Acenaphthene	2.27	UG_KG	0	9.44	U	N
4/26/2011	SB	7	9	N	78SB24-04	SVOA	85-01-8	Phenanthrene	13	UG_KG	0	9.44		Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	86-73-7	Fluorene	2.27	UG_KG	0	9.44	U	N
4/26/2011	SB	7	9	N	78SB24-04	SVOA	91-20-3	Naphthalene	2.27	UG_KG	0	9.44	U	N
4/26/2011	SB	7	9	N	78SB24-04	SVOA	91-57-6	2-Methylnaphthalene	2.27	UG_KG	0	9.44	U	N
4/26/2011	SB	7	9	N	78SB24-04	SVOA	120-12-7	Anthracene	1.31	UG_KG	0	9.44	J	Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	129-00-0	Pyrene	90.4	UG_KG	0	9.44		Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	191-24-2	Benzo(g,h,i)perylene	16.8	UG_KG	0	9.44		Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-31-5	Tin	2.97	MG_KG	0	12.7	U	N
9/25/2011	SS	0	1	N	78SB50-00	METAL	7439-92-1	Lead	15.6	MG_KG	0	0.624		Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-02-0	Nickel	13.7	MG_KG	0	0.624	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-22-4	Silver	0.312	MG_KG	0	0.624	UJ	N
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-28-0	Thallium	0.0474	MG_KG	0	0.624	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-36-0	Antimony	0.624	MG_KG	0	1.25	R	--
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-38-2	Arsenic	2.74	MG_KG	0	1.25	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-39-3	Barium	65.4	MG_KG	0	6.24	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-41-7	Beryllium	0.208	MG_KG	0	0.624	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-43-9	Cadmium	0.35	MG_KG	0	0.624	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-47-3	Chromium	22	MG_KG	0	7.49	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-48-4	Cobalt	25.8	MG_KG	0	0.624		Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-50-8	Copper	72.1	MG_KG	0	1.25		Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-62-2	Vanadium	145	MG_KG	0	3.12	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7440-66-6	Zinc	45	MG_KG	0	3.12	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7782-49-2	Selenium	0.861	MG_KG	0	3.12	J	Y
9/25/2011	SS	0	1	N	78SB50-00	METAL	7439-97-6	Mercury	0.0913	MG_KG	0	0.0394		Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-31-5	Tin	2.9	MG_KG	0	13.3	U	N
9/25/2011	SS	0	1	N	78SB51-00	METAL	7439-92-1	Lead	5.96	MG_KG	0	0.655		Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-02-0	Nickel	10.1	MG_KG	0	0.655	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-22-4	Silver	0.327	MG_KG	0	0.655	UJ	N
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-28-0	Thallium	0.0708	MG_KG	0	0.655	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-36-0	Antimony	0.655	MG_KG	0	1.31	R	--
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-38-2	Arsenic	0.932	MG_KG	0	1.31	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-39-3	Barium	70.6	MG_KG	0	6.55	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-41-7	Beryllium	0.191	MG_KG	0	0.655	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-43-9	Cadmium	0.258	MG_KG	0	0.655	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-47-3	Chromium	18.4	MG_KG	0	7.86	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-48-4	Cobalt	19.5	MG_KG	0	0.655		Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-50-8	Copper	69	MG_KG	0	1.31		Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-62-2	Vanadium	127	MG_KG	0	3.27	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7440-66-6	Zinc	46.1	MG_KG	0	3.27	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7782-49-2	Selenium	0.72	MG_KG	0	3.27	J	Y
9/25/2011	SS	0	1	N	78SB51-00	METAL	7439-97-6	Mercury	0.0599	MG_KG	0	0.0425		Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-31-5	Tin	2.33	MG_KG	0	11.1	U	N
9/25/2011	SS	0	1	N	78SB52-00	METAL	7439-92-1	Lead	3.54	MG_KG	0	0.578		Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-02-0	Nickel	8.92	MG_KG	0	0.578	J	Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-22-4	Silver	0.289	MG_KG	0	0.578	UJ	N
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-28-0	Thallium	0.0366	MG_KG	0	0.578	J	Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-36-0	Antimony	0.578	MG_KG	0	1.16	R	--
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-38-2	Arsenic	1.58	MG_KG	0	1.16	J	Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-39-3	Barium	87.7	MG_KG	0	5.78	J	Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-41-7	Beryllium	0.207	MG_KG	0	0.578	J	Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-43-9	Cadmium	0.268	MG_KG	0	0.578	J	Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-47-3	Chromium	14.6	MG_KG	0	6.93	J	Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-48-4	Cobalt	20.4	MG_KG	0	0.578		Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-50-8	Copper	63.6	MG_KG	0	1.16		Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-62-2	Vanadium	125	MG_KG	0	2.89	J	Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7440-66-6	Zinc	50.2	MG_KG	0	2.89	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
9/25/2011	SS	0	1	N	78SB52-00	METAL	7782-49-2	Selenium	0.632	MG_KG	0	2.89	J	Y
9/25/2011	SS	0	1	N	78SB52-00	METAL	7439-97-6	Mercury	0.0291	MG_KG	0	0.0374	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-31-5	Tin	2.52	MG_KG	0	12	U	N
9/25/2011	SS	0	1	N	78SB53-00	METAL	7439-92-1	Lead	8.43	MG_KG	0	0.59		Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-02-0	Nickel	9.88	MG_KG	0	0.59	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-22-4	Silver	0.295	MG_KG	0	0.59	UJ	N
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-28-0	Thallium	0.0464	MG_KG	0	0.59	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-36-0	Antimony	0.59	MG_KG	0	1.18	R	--
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-38-2	Arsenic	3.18	MG_KG	0	1.18	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-39-3	Barium	83.6	MG_KG	0	5.9	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-41-7	Beryllium	0.228	MG_KG	0	0.59	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-43-9	Cadmium	0.306	MG_KG	0	0.59	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-47-3	Chromium	21.8	MG_KG	0	7.08	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-48-4	Cobalt	19.8	MG_KG	0	0.59		Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-50-8	Copper	75.9	MG_KG	0	1.18		Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-62-2	Vanadium	129	MG_KG	0	2.95	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7440-66-6	Zinc	54.6	MG_KG	0	2.95	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7782-49-2	Selenium	1.02	MG_KG	0	2.95	J	Y
9/25/2011	SS	0	1	N	78SB53-00	METAL	7439-97-6	Mercury	0.0516	MG_KG	0	0.0386		Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-31-5	Tin	2.34	MG_KG	0	11	U	N
9/25/2011	SS	0	1	N	78SB54-00	METAL	7439-92-1	Lead	12.2	MG_KG	0	0.544		Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-02-0	Nickel	9.14	MG_KG	0	0.544	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-22-4	Silver	0.272	MG_KG	0	0.544	UJ	N
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-28-0	Thallium	0.0445	MG_KG	0	0.544	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-36-0	Antimony	0.544	MG_KG	0	1.09	R	--
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-38-2	Arsenic	5.89	MG_KG	0	1.09	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-39-3	Barium	46.9	MG_KG	0	5.44	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-41-7	Beryllium	0.0794	MG_KG	0	0.544	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-43-9	Cadmium	0.24	MG_KG	0	0.544	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-47-3	Chromium	17.4	MG_KG	0	6.53	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-48-4	Cobalt	9.36	MG_KG	0	0.544		Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-50-8	Copper	47.2	MG_KG	0	1.09		Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-62-2	Vanadium	59.2	MG_KG	0	2.72	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7440-66-6	Zinc	28.9	MG_KG	0	2.72	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7782-49-2	Selenium	0.718	MG_KG	0	2.72	J	Y
9/25/2011	SS	0	1	N	78SB54-00	METAL	7439-97-6	Mercury	0.0394	MG_KG	0	0.038		Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-31-5	Tin	1.96	MG_KG	0	11.4	U	N
9/25/2011	SS	0	1	N	78SB55-00	METAL	7439-92-1	Lead	12.7	MG_KG	0	0.59		Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-02-0	Nickel	10.9	MG_KG	0	0.59	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-22-4	Silver	0.295	MG_KG	0	0.59	UJ	N
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-28-0	Thallium	0.0302	MG_KG	0	0.59	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-36-0	Antimony	0.59	MG_KG	0	1.18	R	--
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-38-2	Arsenic	102	MG_KG	0	1.18	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-39-3	Barium	62.7	MG_KG	0	5.9	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-41-7	Beryllium	0.134	MG_KG	0	0.59	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-43-9	Cadmium	0.395	MG_KG	0	0.59	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-47-3	Chromium	197	MG_KG	0	7.07	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-48-4	Cobalt	15.3	MG_KG	0	0.59		Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-50-8	Copper	116	MG_KG	0	1.18		Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-62-2	Vanadium	86.9	MG_KG	0	2.95	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7440-66-6	Zinc	66.3	MG_KG	0	2.95	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7782-49-2	Selenium	0.407	MG_KG	0	2.95	J	Y
9/25/2011	SS	0	1	N	78SB55-00	METAL	7439-97-6	Mercury	0.032	MG_KG	0	0.0348	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-31-5	Tin	2.59	MG_KG	0	12.2	U	N
9/25/2011	SS	0	1	N	78SB56-00	METAL	7439-92-1	Lead	10.8	MG_KG	0	0.589		Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-02-0	Nickel	15.8	MG_KG	0	0.589	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-22-4	Silver	0.294	MG_KG	0	0.589	UJ	N
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-28-0	Thallium	0.0474	MG_KG	0	0.589	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-36-0	Antimony	0.589	MG_KG	0	1.18	R	--
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-38-2	Arsenic	1.06	MG_KG	0	1.18	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-39-3	Barium	84.5	MG_KG	0	5.89	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-41-7	Beryllium	0.173	MG_KG	0	0.589	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-43-9	Cadmium	0.365	MG_KG	0	0.589	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-47-3	Chromium	20.9	MG_KG	0	7.07	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-48-4	Cobalt	24.3	MG_KG	0	0.589		Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-50-8	Copper	96.8	MG_KG	0	1.18		Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-62-2	Vanadium	146	MG_KG	0	2.94	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7440-66-6	Zinc	59.3	MG_KG	0	2.94	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7782-49-2	Selenium	0.386	MG_KG	0	2.94	J	Y
9/25/2011	SS	0	1	N	78SB56-00	METAL	7439-97-6	Mercury	0.0245	MG_KG	0	0.0389	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-31-5	Tin	1.96	MG_KG	0	11.5	U	N
9/27/2011	SS	0	1	N	78SB57-00	METAL	7439-92-1	Lead	9.6	MG_KG	0	0.559		Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-02-0	Nickel	14.5	MG_KG	0	0.559	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-22-4	Silver	0.279	MG_KG	0	0.559	UJ	N
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-28-0	Thallium	0.047	MG_KG	0	0.559	J	Y
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-36-0	Antimony	0.559	MG_KG	0	1.12	R	--
9/27/2011	SS	0	1	N	78SB57-00	METAL	7440-38-2	Arsenic	1.09	MG_KG	0	1.12	J	Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	20.1	UG_KG	0	9.44		Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	205-99-2	Benzo(b)fluoranthene	36.5	UG_KG	0	9.44		Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	206-44-0	Fluoranthene	31.2	UG_KG	0	9.44		Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	207-08-9	Benzo(k)fluoranthene	22.4	UG_KG	0	9.44		Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	208-96-8	Acenaphthylene	2.27	UG_KG	0	9.44	U	N
4/26/2011	SB	7	9	N	78SB24-04	SVOA	218-01-9	Chrysene	62.7	UG_KG	0	9.44		Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	50-32-8	Benzo(a)pyrene	34.2	UG_KG	0	9.44		Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	53-70-3	Dibenz(a,h)anthracene	5.64	UG_KG	0	9.44	J	Y
4/26/2011	SB	7	9	N	78SB24-04	SVOA	56-55-3	Benzo(a)anthracene	33.6	UG_KG	0	9.44		Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-31-5	Tin	1.8	MG_KG	0	12.2	UJ	N
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7439-92-1	Lead	0.967	MG_KG	0	0.495	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-02-0	Nickel	12.3	MG_KG	0	0.495	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-22-4	Silver	0.248	MG_KG	0	0.495	UJ	N
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-28-0	Thallium	0.0251	MG_KG	0	0.495	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-38-2	Arsenic	0.411	MG_KG	0	0.99	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-39-3	Barium	141	MG_KG	0	4.95	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-41-7	Beryllium	0.401	MG_KG	0	0.495	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-43-9	Cadmium	0.376	MG_KG	0	0.495	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-47-3	Chromium	13.8	MG_KG	0	5.94	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-48-4	Cobalt	16.9	MG_KG	0	0.495	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-50-8	Copper	10.2	MG_KG	0	0.99	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-62-2	Vanadium	88.2	MG_KG	0	2.48	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7440-66-6	Zinc	44.7	MG_KG	0	2.48	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7782-49-2	Selenium	0.27	MG_KG	0	2.48	J	Y
4/26/2011	SS	0	1	FD	78SB25-00D	METAL	7439-97-6	Mercury	0.0118	MG_KG	0	0.039	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	83-32-9	Acenaphthene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	85-01-8	Phenanthrene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	86-73-7	Fluorene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	91-20-3	Naphthalene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	91-57-6	2-Methylnaphthalene	5.12	UG_KG	0	10.1	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	120-12-7	Anthracene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	129-00-0	Pyrene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	191-24-2	Benzo(g,h,i)perylene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	205-99-2	Benzo(b)fluoranthene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	206-44-0	Fluoranthene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	207-08-9	Benzo(k)fluoranthene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	208-96-8	Acenaphthylene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	218-01-9	Chrysene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	50-32-8	Benzo(a)pyrene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	53-70-3	Dibenz(a,h)anthracene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	FD	78SB25-00D	SVOA	56-55-3	Benzo(a)anthracene	5.12	UG_KG	0	10.1	U	N
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-31-5	Tin	6.04	MG_KG	0	12.1	UJ	N
4/26/2011	SS	0	1	N	78SB25-00	METAL	7439-92-1	Lead	0.916	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-02-0	Nickel	10.5	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-22-4	Silver	0.126	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-28-0	Thallium	0.102	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-36-0	Antimony	0.49	MG_KG	0	0.98	R	--
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-38-2	Arsenic	0.444	MG_KG	0	0.98	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-39-3	Barium	284	MG_KG	0	4.9	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-41-7	Beryllium	0.346	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-43-9	Cadmium	0.31	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-47-3	Chromium	13.2	MG_KG	0	5.88	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-48-4	Cobalt	22.9	MG_KG	0	0.49	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-50-8	Copper	11.2	MG_KG	0	0.98	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-62-2	Vanadium	91.6	MG_KG	0	2.45	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7440-66-6	Zinc	48	MG_KG	0	2.45	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7782-49-2	Selenium	0.346	MG_KG	0	2.45	J	Y
4/26/2011	SS	0	1	N	78SB25-00	METAL	7439-97-6	Mercury	0.0119	MG_KG	0	0.0392	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	83-32-9	Acenaphthene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	85-01-8	Phenanthrene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	86-73-7	Fluorene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	91-20-3	Naphthalene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	91-57-6	2-Methylnaphthalene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	120-12-7	Anthracene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	129-00-0	Pyrene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	191-24-2	Benzo(g,h,i)perylene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	205-99-2	Benzo(b)fluoranthene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	206-44-0	Fluoranthene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	207-08-9	Benzo(k)fluoranthene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	208-96-8	Acenaphthylene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	218-01-9	Chrysene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	50-32-8	Benzo(a)pyrene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	53-70-3	Dibenz(a,h)anthracene	5.07	UG_KG	0	10	U	N
4/26/2011	SS	0	1	N	78SB25-00	SVOA	56-55-3	Benzo(a)anthracene	5.07	UG_KG	0	10	U	N
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-31-5	Tin	1.79	MG_KG	0	11.9	U	N
4/26/2011	SB	1	3	N	78SB25-01	METAL	7439-92-1	Lead	0.836	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-02-0	Nickel	6.79	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-22-4	Silver	0.0483	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-28-0	Thallium	0.0343	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-38-2	Arsenic	0.547	MG_KG	0	0.99	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-39-3	Barium	41	MG_KG	0	4.95		Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-41-7	Beryllium	0.293	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-43-9	Cadmium	0.342	MG_KG	0	0.495	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-47-3	Chromium	14.7	MG_KG	0	5.94		Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-48-4	Cobalt	15.5	MG_KG	0	0.495		Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-50-8	Copper	16.1	MG_KG	0	0.99		Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-62-2	Vanadium	106	MG_KG	0	2.48	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7440-66-6	Zinc	57	MG_KG	0	2.48	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7782-49-2	Selenium	0.157	MG_KG	0	2.48	J	Y
4/26/2011	SB	1	3	N	78SB25-01	METAL	7439-97-6	Mercury	0.0106	MG_KG	0	0.0351	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	83-32-9	Acenaphthene	2.37	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	85-01-8	Phenanthrene	2.37	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	86-73-7	Fluorene	2.37	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	91-20-3	Naphthalene	2.37	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	91-57-6	2-Methylnaphthalene	2.37	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	120-12-7	Anthracene	2.37	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	129-00-0	Pyrene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	191-24-2	Benzo(g,h,i)perylene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	205-99-2	Benzo(b)fluoranthene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	206-44-0	Fluoranthene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	207-08-9	Benzo(k)fluoranthene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	208-96-8	Acenaphthylene	2.37	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	218-01-9	Chrysene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	50-32-8	Benzo(a)pyrene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	53-70-3	Dibenz(a,h)anthracene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	1	3	N	78SB25-01	SVOA	56-55-3	Benzo(a)anthracene	4.75	UG_KG	0	9.85	U	N
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-31-5	Tin	2.13	MG_KG	0	11.5	U	N
4/26/2011	SB	7	9	N	78SB25-04	METAL	7439-92-1	Lead	1.18	MG_KG	0	0.476	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-02-0	Nickel	11.4	MG_KG	0	0.476	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-22-4	Silver	0.0658	MG_KG	0	0.476	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-28-0	Thallium	0.0213	MG_KG	0	0.476	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-38-2	Arsenic	0.935	MG_KG	0	0.952	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-39-3	Barium	19.2	MG_KG	0	4.76		Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-41-7	Beryllium	0.242	MG_KG	0	0.476	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-43-9	Cadmium	0.237	MG_KG	0	0.476	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-47-3	Chromium	8.34	MG_KG	0	5.71		Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-48-4	Cobalt	18.6	MG_KG	0	0.476		Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-50-8	Copper	114	MG_KG	0	0.952		Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-62-2	Vanadium	131	MG_KG	0	2.38	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7440-66-6	Zinc	37.6	MG_KG	0	2.38	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7782-49-2	Selenium	0.312	MG_KG	0	2.38	J	Y
4/26/2011	SB	7	9	N	78SB25-04	METAL	7439-97-6	Mercury	0.00999	MG_KG	0	0.033	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	83-32-9	Acenaphthene	2.3	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	85-01-8	Phenanthrene	2.3	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	86-73-7	Fluorene	2.3	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	91-20-3	Naphthalene	2.3	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	91-57-6	2-Methylnaphthalene	2.3	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	120-12-7	Anthracene	2.3	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	129-00-0	Pyrene	4.6	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	191-24-2	Benzo(g,h,i)perylene	4.6	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.6	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	205-99-2	Benzo(b)fluoranthene	4.6	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	206-44-0	Fluoranthene	4.6	UG_KG	0	9.54	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/26/2011	SB	7	9	N	78SB25-04	SVOA	207-08-9	Benzo(k)fluoranthene	4.6	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	208-96-8	Acenaphthylene	2.3	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	218-01-9	Chrysene	4.6	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	50-32-8	Benzo(a)pyrene	4.6	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	53-70-3	Dibenz(a,h)anthracene	4.6	UG_KG	0	9.54	U	N
4/26/2011	SB	7	9	N	78SB25-04	SVOA	56-55-3	Benzo(a)anthracene	4.6	UG_KG	0	9.54	U	N
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-31-5	Tin	2.6	MG_KG	0	11.1	UJ	N
4/26/2011	SS	0	1	N	78SB26-00	METAL	7439-92-1	Lead	16.4	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-02-0	Nickel	10.5	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-22-4	Silver	0.239	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-28-0	Thallium	0.0541	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-36-0	Antimony	0.472	MG_KG	0	0.943	R	--
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-38-2	Arsenic	0.865	MG_KG	0	0.943	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-39-3	Barium	76.6	MG_KG	0	4.72	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-41-7	Beryllium	0.244	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-43-9	Cadmium	0.31	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-47-3	Chromium	30.4	MG_KG	0	5.66	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-48-4	Cobalt	16.9	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-50-8	Copper	82.1	MG_KG	0	0.943	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-62-2	Vanadium	104	MG_KG	0	2.36	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7440-66-6	Zinc	95.7	MG_KG	0	2.36	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7782-49-2	Selenium	0.164	MG_KG	0	2.36	J	Y
4/26/2011	SS	0	1	N	78SB26-00	METAL	7439-97-6	Mercury	0.0298	MG_KG	0	0.0362	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	83-32-9	Acenaphthene	1	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	85-01-8	Phenanthrene	24.1	UG_KG	0	9.22		Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	86-73-7	Fluorene	0.839	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	91-20-3	Naphthalene	4.66	UG_KG	0	9.22	U	N
4/26/2011	SS	0	1	N	78SB26-00	SVOA	91-57-6	2-Methylnaphthalene	4.66	UG_KG	0	9.22	U	N
4/26/2011	SS	0	1	N	78SB26-00	SVOA	120-12-7	Anthracene	3.49	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	129-00-0	Pyrene	157	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	191-24-2	Benzo(g,h,i)perylene	91.1	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	61.2	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	205-99-2	Benzo(b)fluoranthene	61.1	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	206-44-0	Fluoranthene	68.8	UG_KG	0	9.22		Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	207-08-9	Benzo(k)fluoranthene	51.6	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	208-96-8	Acenaphthylene	4.66	UG_KG	0	9.22	U	N
4/26/2011	SS	0	1	N	78SB26-00	SVOA	218-01-9	Chrysene	60.7	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	50-32-8	Benzo(a)pyrene	49.9	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	53-70-3	Dibenz(a,h)anthracene	10.2	UG_KG	0	9.22	J	Y
4/26/2011	SS	0	1	N	78SB26-00	SVOA	56-55-3	Benzo(a)anthracene	53.9	UG_KG	0	9.22	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-31-5	Tin	1.81	MG_KG	0	11.8	U	N
4/26/2011	SB	1	3	N	78SB26-01	METAL	7439-92-1	Lead	1.24	MG_KG	0	0.476	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-02-0	Nickel	10.9	MG_KG	0	0.476	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-22-4	Silver	0.0451	MG_KG	0	0.476	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-28-0	Thallium	0.0538	MG_KG	0	0.476	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-38-2	Arsenic	0.52	MG_KG	0	0.952	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-39-3	Barium	79.1	MG_KG	0	4.76		Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-41-7	Beryllium	0.303	MG_KG	0	0.476	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-43-9	Cadmium	0.341	MG_KG	0	0.476	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-47-3	Chromium	21.1	MG_KG	0	5.71		Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-48-4	Cobalt	22.9	MG_KG	0	0.476		Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-50-8	Copper	51	MG_KG	0	0.952		Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-62-2	Vanadium	117	MG_KG	0	2.38	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7440-66-6	Zinc	42.3	MG_KG	0	2.38	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7782-49-2	Selenium	0.147	MG_KG	0	2.38	J	Y
4/26/2011	SB	1	3	N	78SB26-01	METAL	7439-97-6	Mercury	0.0116	MG_KG	0	0.0382	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	83-32-9	Acenaphthene	2.36	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	85-01-8	Phenanthrene	2.36	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	86-73-7	Fluorene	2.36	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	91-20-3	Naphthalene	2.36	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	91-57-6	2-Methylnaphthalene	2.36	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	120-12-7	Anthracene	2.36	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	129-00-0	Pyrene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	191-24-2	Benzo(g,h,i)perylene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	205-99-2	Benzo(b)fluoranthene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	206-44-0	Fluoranthene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	207-08-9	Benzo(k)fluoranthene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	208-96-8	Acenaphthylene	2.36	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	218-01-9	Chrysene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	50-32-8	Benzo(a)pyrene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	53-70-3	Dibenz(a,h)anthracene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	1	3	N	78SB26-01	SVOA	56-55-3	Benzo(a)anthracene	4.71	UG_KG	0	9.77	U	N
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-31-5	Tin	1.88	MG_KG	0	11.2	U	N
4/26/2011	SB	5	7	N	78SB26-03	METAL	7439-92-1	Lead	0.779	MG_KG	0	0.485	J	Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-02-0	Nickel	17.2	MG_KG	0	0.485	J	Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-22-4	Silver	0.0605	MG_KG	0	0.485	J	Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-28-0	Thallium	0.0361	MG_KG	0	0.485	J	Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-36-0	Antimony	0.485	MG_KG	0	0.971	R	--
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-38-2	Arsenic	0.673	MG_KG	0	0.971	J	Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-39-3	Barium	82.8	MG_KG	0	4.85		Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-41-7	Beryllium	0.201	MG_KG	0	0.485	J	Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-43-9	Cadmium	0.222	MG_KG	0	0.485	J	Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-47-3	Chromium	11.5	MG_KG	0	5.83		Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-48-4	Cobalt	23.6	MG_KG	0	0.485		Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-50-8	Copper	77	MG_KG	0	0.971		Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-62-2	Vanadium	184	MG_KG	0	2.43	J	Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7440-66-6	Zinc	55.6	MG_KG	0	2.43	J	Y
4/26/2011	SB	5	7	N	78SB26-03	METAL	7782-49-2	Selenium	1.21	MG_KG	0	2.43	UJ	N
4/26/2011	SB	5	7	N	78SB26-03	METAL	7439-97-6	Mercury	0.0105	MG_KG	0	0.0347	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	83-32-9	Acenaphthene	2.24	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	85-01-8	Phenanthrene	2.24	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	86-73-7	Fluorene	2.24	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	91-20-3	Naphthalene	2.24	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	91-57-6	2-Methylnaphthalene	2.24	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	120-12-7	Anthracene	2.24	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	129-00-0	Pyrene	4.47	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	191-24-2	Benzo(g,h,i)perylene	4.47	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.47	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	205-99-2	Benzo(b)fluoranthene	4.47	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	206-44-0	Fluoranthene	4.47	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	207-08-9	Benzo(k)fluoranthene	4.47	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	208-96-8	Acenaphthylene	2.24	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	218-01-9	Chrysene	4.47	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	50-32-8	Benzo(a)pyrene	4.47	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	53-70-3	Dibenz(a,h)anthracene	4.47	UG_KG	0	9.28	U	N
4/26/2011	SB	5	7	N	78SB26-03	SVOA	56-55-3	Benzo(a)anthracene	4.47	UG_KG	0	9.28	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-31-5	Tin	1.96	MG_KG	0	10.5	U	N
4/27/2011	SB	1	3	N	78SB27-01	METAL	7439-92-1	Lead	1.74	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-02-0	Nickel	40.4	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-22-4	Silver	0.0424	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-28-0	Thallium	0.25	MG_KG	0	0.5	U	N
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-38-2	Arsenic	2.18	MG_KG	0	1	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-39-3	Barium	21.4	MG_KG	0	5	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-41-7	Beryllium	0.179	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-43-9	Cadmium	0.238	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-47-3	Chromium	12.4	MG_KG	0	6	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-48-4	Cobalt	59.7	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-50-8	Copper	624	MG_KG	0	1	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-62-2	Vanadium	193	MG_KG	0	2.5	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7440-66-6	Zinc	79.7	MG_KG	0	2.5	J	Y
4/27/2011	SB	1	3	N	78SB27-01	METAL	7782-49-2	Selenium	0.473	MG_KG	0	2.5	UJ	N
4/27/2011	SB	1	3	N	78SB27-01	METAL	7439-97-6	Mercury	0.00986	MG_KG	0	0.0326	U	N
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-31-5	Tin	3.86	MG_KG	0	12.2	U	N
4/26/2011	SB	1	3	N	78SB28-01	METAL	7439-92-1	Lead	15.8	MG_KG	0	0.49	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-02-0	Nickel	10.4	MG_KG	0	0.49	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-22-4	Silver	0.245	MG_KG	0	0.49	UJ	N
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-28-0	Thallium	0.0645	MG_KG	0	0.49	U	N
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-36-0	Antimony	0.49	MG_KG	0	0.98	R	--
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-38-2	Arsenic	0.725	MG_KG	0	0.98	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-39-3	Barium	35.7	MG_KG	0	4.9	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-41-7	Beryllium	0.241	MG_KG	0	0.49	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-43-9	Cadmium	0.0995	MG_KG	0	0.49	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-47-3	Chromium	20.8	MG_KG	0	5.88	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-48-4	Cobalt	12.5	MG_KG	0	0.49	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-50-8	Copper	30.1	MG_KG	0	0.98	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-62-2	Vanadium	98.7	MG_KG	0	2.45	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7440-66-6	Zinc	31.7	MG_KG	0	2.45	J	Y
4/26/2011	SB	1	3	N	78SB28-01	METAL	7782-49-2	Selenium	0.305	MG_KG	0	2.45	UJ	N
4/26/2011	SB	1	3	N	78SB28-01	METAL	7439-97-6	Mercury	0.00843	MG_KG	0	0.0397	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-31-5	Tin	2.3	MG_KG	0	10.9	U	N
4/26/2011	SB	1	3	N	78SB29-01	METAL	7439-92-1	Lead	12.7	MG_KG	0	0.5	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-02-0	Nickel	10.5	MG_KG	0	0.5	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-22-4	Silver	0.25	MG_KG	0	0.5	UJ	N
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-28-0	Thallium	0.0996	MG_KG	0	0.5	U	N
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-38-2	Arsenic	0.581	MG_KG	0	1	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-39-3	Barium	52.4	MG_KG	0	5	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-41-7	Beryllium	0.166	MG_KG	0	0.5	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-43-9	Cadmium	0.514	MG_KG	0	0.5		Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-47-3	Chromium	19.7	MG_KG	0	6	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-48-4	Cobalt	16.7	MG_KG	0	0.5	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-50-8	Copper	51.3	MG_KG	0	1	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-62-2	Vanadium	116	MG_KG	0	2.5	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7440-66-6	Zinc	93.9	MG_KG	0	2.5	J	Y
4/26/2011	SB	1	3	N	78SB29-01	METAL	7782-49-2	Selenium	0.175	MG_KG	0	2.5	UJ	N
4/26/2011	SB	1	3	N	78SB29-01	METAL	7439-97-6	Mercury	0.0251	MG_KG	0	0.0321	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-31-5	Tin	2.15	MG_KG	0	10.4	U	N
4/26/2011	SB	3	5	N	78SB29-02	METAL	7439-92-1	Lead	4.78	MG_KG	0	0.485	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-02-0	Nickel	12.5	MG_KG	0	0.485	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-22-4	Silver	0.243	MG_KG	0	0.485	UJ	N
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-28-0	Thallium	0.0983	MG_KG	0	0.485	U	N
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-36-0	Antimony	0.485	MG_KG	0	0.971	R	--
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-38-2	Arsenic	0.679	MG_KG	0	0.971	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-39-3	Barium	95.8	MG_KG	0	4.85	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-41-7	Beryllium	0.15	MG_KG	0	0.485	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-43-9	Cadmium	0.296	MG_KG	0	0.485	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-47-3	Chromium	15.6	MG_KG	0	5.83	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-48-4	Cobalt	22.7	MG_KG	0	0.485	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-50-8	Copper	84.5	MG_KG	0	0.971	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-62-2	Vanadium	139	MG_KG	0	2.43	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7440-66-6	Zinc	51.4	MG_KG	0	2.43	J	Y
4/26/2011	SB	3	5	N	78SB29-02	METAL	7782-49-2	Selenium	0.402	MG_KG	0	2.43	UJ	N
4/26/2011	SB	3	5	N	78SB29-02	METAL	7439-97-6	Mercury	0.00918	MG_KG	0	0.0337	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-31-5	Tin	2.35	MG_KG	0	10.6	U	N
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7439-92-1	Lead	1.01	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-02-0	Nickel	14.4	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-22-4	Silver	0.0571	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-28-0	Thallium	0.225	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-38-2	Arsenic	0.25	MG_KG	0	1	UJ	N
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-39-3	Barium	113	MG_KG	0	5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-41-7	Beryllium	0.163	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-43-9	Cadmium	0.067	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-47-3	Chromium	11.2	MG_KG	0	6	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-48-4	Cobalt	22.9	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-50-8	Copper	58	MG_KG	0	1	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-62-2	Vanadium	156	MG_KG	0	2.5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7440-66-6	Zinc	47.8	MG_KG	0	2.5	J	Y
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7782-49-2	Selenium	1.25	MG_KG	0	2.5	UJ	N
4/27/2011	SB	1	3	FD	78SB30-01D	METAL	7439-97-6	Mercury	0.0106	MG_KG	0	0.0351	U	N
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-31-5	Tin	2.44	MG_KG	0	10.6	U	N
4/27/2011	SB	1	3	N	78SB30-01	METAL	7439-92-1	Lead	1	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-02-0	Nickel	13.7	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-22-4	Silver	0.0527	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-28-0	Thallium	0.187	MG_KG	0	0.476	U	N
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-38-2	Arsenic	0.207	MG_KG	0	0.952	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-39-3	Barium	90.5	MG_KG	0	4.76	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-41-7	Beryllium	0.148	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-43-9	Cadmium	0.0619	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-47-3	Chromium	10.5	MG_KG	0	5.71	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-48-4	Cobalt	21.5	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-50-8	Copper	51.9	MG_KG	0	0.952	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-62-2	Vanadium	151	MG_KG	0	2.38	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7440-66-6	Zinc	47.4	MG_KG	0	2.38	J	Y
4/27/2011	SB	1	3	N	78SB30-01	METAL	7782-49-2	Selenium	1.19	MG_KG	0	2.38	UJ	N
4/27/2011	SB	1	3	N	78SB30-01	METAL	7439-97-6	Mercury	0.0104	MG_KG	0	0.0343	U	N
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-31-5	Tin	2.26	MG_KG	0	11.4	U	N
4/27/2011	SB	5	7	N	78SB30-03	METAL	7439-92-1	Lead	0.913	MG_KG	0	0.49	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-02-0	Nickel	13	MG_KG	0	0.49	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-22-4	Silver	0.0863	MG_KG	0	0.49	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-28-0	Thallium	0.311	MG_KG	0	0.49	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-36-0	Antimony	0.49	MG_KG	0	0.98	R	--

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-38-2	Arsenic	0.185	MG_KG	0	0.98	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-39-3	Barium	141	MG_KG	0	4.9	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-41-7	Beryllium	0.172	MG_KG	0	0.49	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-43-9	Cadmium	0.0674	MG_KG	0	0.49	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-47-3	Chromium	11.2	MG_KG	0	5.88	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-48-4	Cobalt	22.3	MG_KG	0	0.49	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-50-8	Copper	13	MG_KG	0	0.98	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-62-2	Vanadium	126	MG_KG	0	2.45	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7440-66-6	Zinc	53.3	MG_KG	0	2.45	J	Y
4/27/2011	SB	5	7	N	78SB30-03	METAL	7782-49-2	Selenium	0.192	MG_KG	0	2.45	UJ	N
4/27/2011	SB	5	7	N	78SB30-03	METAL	7439-97-6	Mercury	0.0114	MG_KG	0	0.0378	U	N
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-31-5	Tin	1.64	MG_KG	0	11.1	U	N
4/27/2011	SB	1	3	N	78SB31-01	METAL	7439-92-1	Lead	0.818	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-02-0	Nickel	16.5	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-22-4	Silver	0.208	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-28-0	Thallium	0.0242	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-38-2	Arsenic	4.29	MG_KG	0	1	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-39-3	Barium	65.4	MG_KG	0	5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-41-7	Beryllium	0.274	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-43-9	Cadmium	0.224	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-47-3	Chromium	12.4	MG_KG	0	6	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-48-4	Cobalt	30.8	MG_KG	0	0.5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-50-8	Copper	40.4	MG_KG	0	1	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-62-2	Vanadium	391	MG_KG	0	2.5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7440-66-6	Zinc	94.3	MG_KG	0	2.5	J	Y
4/27/2011	SB	1	3	N	78SB31-01	METAL	7782-49-2	Selenium	0.145	MG_KG	0	2.5	UJ	N
4/27/2011	SB	1	3	N	78SB31-01	METAL	7439-97-6	Mercury	0.0109	MG_KG	0	0.036	U	N
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-31-5	Tin	2.47	MG_KG	0	11.7	U	N
4/27/2011	SB	1	3	N	78SB32-01	METAL	7439-92-1	Lead	1.08	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-02-0	Nickel	8.68	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-22-4	Silver	0.238	MG_KG	0	0.476	UJ	N
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-28-0	Thallium	0.0246	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-38-2	Arsenic	0.339	MG_KG	0	0.952	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-39-3	Barium	36.2	MG_KG	0	4.76	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-41-7	Beryllium	0.126	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-43-9	Cadmium	0.0941	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-47-3	Chromium	25	MG_KG	0	5.71	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-48-4	Cobalt	12	MG_KG	0	0.476	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-50-8	Copper	105	MG_KG	0	0.952	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-62-2	Vanadium	92.8	MG_KG	0	2.38	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7440-66-6	Zinc	39.7	MG_KG	0	2.38	J	Y
4/27/2011	SB	1	3	N	78SB32-01	METAL	7782-49-2	Selenium	0.222	MG_KG	0	2.38	UJ	N
4/27/2011	SB	1	3	N	78SB32-01	METAL	7439-97-6	Mercury	0.0112	MG_KG	0	0.0368	U	N
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-31-5	Tin	2.08	MG_KG	0	11.5	U	N
4/28/2011	SS	0	1	N	78SB33-00	METAL	7439-92-1	Lead	36	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-02-0	Nickel	15.9	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-22-4	Silver	0.0515	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-28-0	Thallium	0.066	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-36-0	Antimony	0.467	MG_KG	0	0.935	R	--
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-38-2	Arsenic	19.8	MG_KG	0	0.935		Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-39-3	Barium	113	MG_KG	0	4.67		Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-41-7	Beryllium	0.22	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-43-9	Cadmium	0.423	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-47-3	Chromium	38.8	MG_KG	0	5.61		Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-48-4	Cobalt	23.1	MG_KG	0	0.467		Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-50-8	Copper	113	MG_KG	0	0.935		Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-62-2	Vanadium	129	MG_KG	0	2.34	J	Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7440-66-6	Zinc	106	MG_KG	0	2.34		Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7782-49-2	Selenium	0.561	MG_KG	0	2.34	J	Y
4/28/2011	SS	0	1	N	78SB33-00	METAL	7439-97-6	Mercury	0.0588	MG_KG	0	0.0344		Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-31-5	Tin	4.3	MG_KG	0	11.7	U	N
4/28/2011	SS	0	1	N	78SB34-00	METAL	7439-92-1	Lead	48	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-02-0	Nickel	13.2	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-22-4	Silver	0.0614	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-28-0	Thallium	0.0454	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-38-2	Arsenic	2.25	MG_KG	0	0.99		Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-39-3	Barium	97.6	MG_KG	0	4.95		Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-41-7	Beryllium	0.198	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-43-9	Cadmium	0.629	MG_KG	0	0.495		Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-47-3	Chromium	25.6	MG_KG	0	5.94		Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-48-4	Cobalt	21.5	MG_KG	0	0.495		Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-50-8	Copper	83.7	MG_KG	0	0.99		Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-62-2	Vanadium	120	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7440-66-6	Zinc	131	MG_KG	0	2.48		Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7782-49-2	Selenium	0.434	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	N	78SB34-00	METAL	7439-97-6	Mercury	0.0486	MG_KG	0	0.0374		Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-31-5	Tin	2.06	MG_KG	0	10.9	U	N
4/28/2011	SS	0	1	N	78SB35-00	METAL	7439-92-1	Lead	12	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-02-0	Nickel	11.1	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-22-4	Silver	0.248	MG_KG	0	0.495	UJ	N
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-28-0	Thallium	0.0458	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-38-2	Arsenic	29.8	MG_KG	0	0.99		Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-39-3	Barium	86.3	MG_KG	0	4.95		Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-41-7	Beryllium	0.304	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-43-9	Cadmium	0.568	MG_KG	0	0.495		Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-47-3	Chromium	52	MG_KG	0	5.94		Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-48-4	Cobalt	12.2	MG_KG	0	0.495		Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-50-8	Copper	141	MG_KG	0	0.99		Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-62-2	Vanadium	87.8	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7440-66-6	Zinc	125	MG_KG	0	2.48		Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7782-49-2	Selenium	0.297	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	N	78SB35-00	METAL	7439-97-6	Mercury	0.0167	MG_KG	0	0.0352	J	Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-31-5	Tin	2.09	MG_KG	0	10.7	U	N
4/28/2011	SS	0	1	N	78SB36-00	METAL	7439-92-1	Lead	16.4	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-02-0	Nickel	12.8	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-22-4	Silver	0.0634	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-28-0	Thallium	0.057	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-36-0	Antimony	0.467	MG_KG	0	0.935	R	--
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-38-2	Arsenic	1.96	MG_KG	0	0.935		Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-39-3	Barium	79.6	MG_KG	0	4.67		Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-41-7	Beryllium	0.237	MG_KG	0	0.467	J	Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-43-9	Cadmium	0.523	MG_KG	0	0.467		Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-47-3	Chromium	18.3	MG_KG	0	5.61		Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-48-4	Cobalt	16.9	MG_KG	0	0.467		Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-50-8	Copper	67.8	MG_KG	0	0.935		Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-62-2	Vanadium	102	MG_KG	0	2.34	J	Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7440-66-6	Zinc	71.2	MG_KG	0	2.34		Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7782-49-2	Selenium	0.445	MG_KG	0	2.34	J	Y
4/28/2011	SS	0	1	N	78SB36-00	METAL	7439-97-6	Mercury	0.0322	MG_KG	0	0.0348	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-31-5	Tin	1.82	MG_KG	0	10.6	UJ	N
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7439-92-1	Lead	2.88	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-02-0	Nickel	10.6	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-22-4	Silver	0.0425	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-28-0	Thallium	0.09	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-36-0	Antimony	0.481	MG_KG	0	0.962	R	--
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-38-2	Arsenic	1.09	MG_KG	0	0.962	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-39-3	Barium	98.7	MG_KG	0	4.81	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-41-7	Beryllium	0.331	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-43-9	Cadmium	0.234	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-47-3	Chromium	20.3	MG_KG	0	5.77	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-48-4	Cobalt	24.4	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-50-8	Copper	87.8	MG_KG	0	0.962	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-62-2	Vanadium	213	MG_KG	0	2.4	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7440-66-6	Zinc	44.1	MG_KG	0	2.4	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7782-49-2	Selenium	0.751	MG_KG	0	2.4	J	Y
4/28/2011	SS	0	1	FD	78SB37-00D	METAL	7439-97-6	Mercury	0.0538	MG_KG	0	0.0343		Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-31-5	Tin	1.76	MG_KG	0	11.1	UJ	N
4/28/2011	SS	0	1	N	78SB37-00	METAL	7439-92-1	Lead	2.32	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-02-0	Nickel	14.8	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-22-4	Silver	0.24	MG_KG	0	0.481	UJ	N
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-28-0	Thallium	0.0768	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-36-0	Antimony	0.481	MG_KG	0	0.962	R	--
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-38-2	Arsenic	1.11	MG_KG	0	0.962	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-39-3	Barium	105	MG_KG	0	4.81	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-41-7	Beryllium	0.307	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-43-9	Cadmium	0.189	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-47-3	Chromium	43.5	MG_KG	0	5.77	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-48-4	Cobalt	24.8	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-50-8	Copper	86.6	MG_KG	0	0.962	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-62-2	Vanadium	175	MG_KG	0	2.4	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7440-66-6	Zinc	47.4	MG_KG	0	2.4	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7782-49-2	Selenium	0.593	MG_KG	0	2.4	J	Y
4/28/2011	SS	0	1	N	78SB37-00	METAL	7439-97-6	Mercury	0.00891	MG_KG	0	0.036	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-31-5	Tin	2.06	MG_KG	0	11.2	U	N
4/28/2011	SB	1	3	N	78SB37-01	METAL	7439-92-1	Lead	6.22	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-02-0	Nickel	16	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-22-4	Silver	0.234	MG_KG	0	0.467	UJ	N
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-28-0	Thallium	0.0631	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-36-0	Antimony	0.467	MG_KG	0	0.935	R	--
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-38-2	Arsenic	4.06	MG_KG	0	0.935	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-39-3	Barium	62.6	MG_KG	0	4.67	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-41-7	Beryllium	0.214	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-43-9	Cadmium	0.204	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-47-3	Chromium	24	MG_KG	0	5.61	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-48-4	Cobalt	25.6	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-50-8	Copper	95.2	MG_KG	0	0.935	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-62-2	Vanadium	153	MG_KG	0	2.34	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7440-66-6	Zinc	36.7	MG_KG	0	2.34	J	Y
4/28/2011	SB	1	3	N	78SB37-01	METAL	7782-49-2	Selenium	0.728	MG_KG	0	2.34	UJ	N
4/28/2011	SB	1	3	N	78SB37-01	METAL	7439-97-6	Mercury	0.0457	MG_KG	0	0.0368		Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-31-5	Tin	1.78	MG_KG	0	11.1	U	N
4/28/2011	SS	0	1	N	78SB38-00	METAL	7439-92-1	Lead	5.85	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-02-0	Nickel	15.5	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-22-4	Silver	0.248	MG_KG	0	0.495	UJ	N
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-28-0	Thallium	0.0628	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-38-2	Arsenic	3.28	MG_KG	0	0.99		Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-39-3	Barium	63	MG_KG	0	4.95		Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-41-7	Beryllium	0.188	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-43-9	Cadmium	0.305	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-47-3	Chromium	16.4	MG_KG	0	5.94		Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-48-4	Cobalt	17.2	MG_KG	0	0.495		Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-50-8	Copper	46.9	MG_KG	0	0.99		Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-62-2	Vanadium	115	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7440-66-6	Zinc	32.3	MG_KG	0	2.48		Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7782-49-2	Selenium	0.463	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	N	78SB38-00	METAL	7439-97-6	Mercury	0.00805	MG_KG	0	0.0319	J	Y
4/28/2011	SS	0	1	N	78SB38-00	SVOA	83-32-9	Acenaphthene	4.65	UG_KG	0	9.19	U	N
4/28/2011	SS	0	1	N	78SB38-00	SVOA	85-01-8	Phenanthrene	4.65	UG_KG	0	9.19	UJ	N
4/28/2011	SS	0	1	N	78SB38-00	SVOA	86-73-7	Fluorene	4.65	UG_KG	0	9.19	U	N
4/28/2011	SS	0	1	N	78SB38-00	SVOA	91-20-3	Naphthalene	4.65	UG_KG	0	9.19	U	N
4/28/2011	SS	0	1	N	78SB38-00	SVOA	91-57-6	2-Methylnaphthalene	4.65	UG_KG	0	9.19	U	N
4/28/2011	SS	0	1	N	78SB38-00	SVOA	120-12-7	Anthracene	4.65	UG_KG	0	9.19	UJ	N
4/28/2011	SS	0	1	N	78SB38-00	SVOA	129-00-0	Pyrene	4.65	UG_KG	0	9.19	R	--
4/28/2011	SS	0	1	N	78SB38-00	SVOA	191-24-2	Benzo(g,h,i)perylene	27.4	UG_KG	0	9.19	J	Y
4/28/2011	SS	0	1	N	78SB38-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.65	UG_KG	0	9.19	R	--
4/28/2011	SS	0	1	N	78SB38-00	SVOA	205-99-2	Benzo(b)fluoranthene	4.65	UG_KG	0	9.19	R	--
4/28/2011	SS	0	1	N	78SB38-00	SVOA	206-44-0	Fluoranthene	4.65	UG_KG	0	9.19	UJ	N
4/28/2011	SS	0	1	N	78SB38-00	SVOA	207-08-9	Benzo(k)fluoranthene	4.65	UG_KG	0	9.19	R	--
4/28/2011	SS	0	1	N	78SB38-00	SVOA	208-96-8	Acenaphthylene	4.65	UG_KG	0	9.19	U	N
4/28/2011	SS	0	1	N	78SB38-00	SVOA	218-01-9	Chrysene	6.72	UG_KG	0	9.19	J	Y
4/28/2011	SS	0	1	N	78SB38-00	SVOA	50-32-8	Benzo(a)pyrene	4.65	UG_KG	0	9.19	R	--
4/28/2011	SS	0	1	N	78SB38-00	SVOA	53-70-3	Dibenz(a,h)anthracene	4.65	UG_KG	0	9.19	R	--
4/28/2011	SS	0	1	N	78SB38-00	SVOA	56-55-3	Benzo(a)anthracene	4.65	UG_KG	0	9.19	R	--
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-31-5	Tin	2.37	MG_KG	0	11.5	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7439-92-1	Lead	0.532	MG_KG	0	0.472	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-02-0	Nickel	20.6	MG_KG	0	0.472	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-22-4	Silver	0.236	MG_KG	0	0.472	UJ	N
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-28-0	Thallium	0.0809	MG_KG	0	0.472	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-36-0	Antimony	0.472	MG_KG	0	0.943	R	--
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-38-2	Arsenic	0.16	MG_KG	0	0.943	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-39-3	Barium	43.6	MG_KG	0	4.72		Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-41-7	Beryllium	0.211	MG_KG	0	0.472	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-43-9	Cadmium	0.0734	MG_KG	0	0.472	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-47-3	Chromium	12.6	MG_KG	0	5.66		Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-48-4	Cobalt	26.9	MG_KG	0	0.472		Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-50-8	Copper	91	MG_KG	0	0.943		Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-62-2	Vanadium	139	MG_KG	0	2.36	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7440-66-6	Zinc	40.3	MG_KG	0	2.36	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7782-49-2	Selenium	0.237	MG_KG	0	2.36	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	METAL	7439-97-6	Mercury	0.0293	MG_KG	0	0.0361	J	Y
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	83-32-9	Acenaphthene	2.3	UG_KG	0	9.52	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	85-01-8	Phenanthrene	2.3	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	86-73-7	Fluorene	2.3	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	91-20-3	Naphthalene	2.3	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	91-57-6	2-Methylnaphthalene	2.3	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	120-12-7	Anthracene	2.3	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	129-00-0	Pyrene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	191-24-2	Benzo(g,h,i)perylene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	205-99-2	Benzo(b)fluoranthene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	206-44-0	Fluoranthene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	207-08-9	Benzo(k)fluoranthene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	208-96-8	Acenaphthylene	2.3	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	218-01-9	Chrysene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	50-32-8	Benzo(a)pyrene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	53-70-3	Dibenz(a,h)anthracene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	FD	78SB38-01D	SVOA	56-55-3	Benzo(a)anthracene	4.59	UG_KG	0	9.52	U	N
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-31-5	Tin	2.25	MG_KG	0	11.4	U	N
4/28/2011	SB	1	3	N	78SB38-01	METAL	7439-92-1	Lead	0.428	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-02-0	Nickel	20.4	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-22-4	Silver	0.234	MG_KG	0	0.467	UJ	N
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-28-0	Thallium	0.0467	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-36-0	Antimony	0.467	MG_KG	0	0.935	R	--
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-38-2	Arsenic	0.234	MG_KG	0	0.935	UJ	N
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-39-3	Barium	34.6	MG_KG	0	4.67		Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-41-7	Beryllium	0.176	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-43-9	Cadmium	0.143	MG_KG	0	0.467	J	Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-47-3	Chromium	12.8	MG_KG	0	5.61		Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-48-4	Cobalt	23.3	MG_KG	0	0.467		Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-50-8	Copper	85.2	MG_KG	0	0.935		Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-62-2	Vanadium	134	MG_KG	0	2.34	J	Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7440-66-6	Zinc	40.1	MG_KG	0	2.34	J	Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7782-49-2	Selenium	0.128	MG_KG	0	2.34	J	Y
4/28/2011	SB	1	3	N	78SB38-01	METAL	7439-97-6	Mercury	0.0112	MG_KG	0	0.0369	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	83-32-9	Acenaphthene	2.27	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	85-01-8	Phenanthrene	2.27	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	86-73-7	Fluorene	2.27	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	91-20-3	Naphthalene	2.27	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	91-57-6	2-Methylnaphthalene	2.27	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	120-12-7	Anthracene	2.27	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	129-00-0	Pyrene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	191-24-2	Benzo(g,h,i)perylene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	205-99-2	Benzo(b)fluoranthene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	206-44-0	Fluoranthene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	207-08-9	Benzo(k)fluoranthene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	208-96-8	Acenaphthylene	2.27	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	218-01-9	Chrysene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	50-32-8	Benzo(a)pyrene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	53-70-3	Dibenz(a,h)anthracene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	1	3	N	78SB38-01	SVOA	56-55-3	Benzo(a)anthracene	4.53	UG_KG	0	9.41	U	N
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-31-5	Tin	1.82	MG_KG	0	11.1	U	N
4/28/2011	SB	3	5	N	78SB38-02	METAL	7439-92-1	Lead	0.503	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-02-0	Nickel	23.8	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-22-4	Silver	0.25	MG_KG	0	0.5	UJ	N
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-28-0	Thallium	0.0528	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-38-2	Arsenic	0.237	MG_KG	0	1	J	Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-39-3	Barium	65.4	MG_KG	0	5		Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-41-7	Beryllium	0.106	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-43-9	Cadmium	0.0884	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-47-3	Chromium	14.9	MG_KG	0	6		Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-48-4	Cobalt	31	MG_KG	0	0.5		Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-50-8	Copper	94.9	MG_KG	0	1		Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-62-2	Vanadium	157	MG_KG	0	2.5	J	Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7440-66-6	Zinc	45.3	MG_KG	0	2.5	J	Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7782-49-2	Selenium	0.15	MG_KG	0	2.5	J	Y
4/28/2011	SB	3	5	N	78SB38-02	METAL	7439-97-6	Mercury	0.0104	MG_KG	0	0.0343	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	83-32-9	Acenaphthene	2.21	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	85-01-8	Phenanthrene	2.21	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	86-73-7	Fluorene	2.21	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	91-20-3	Naphthalene	2.21	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	91-57-6	2-Methylnaphthalene	2.21	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	120-12-7	Anthracene	2.21	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	129-00-0	Pyrene	6.56	UG_KG	0	9.16	J	Y
4/28/2011	SB	3	5	N	78SB38-02	SVOA	191-24-2	Benzo(g,h,i)perylene	4.41	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.41	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	205-99-2	Benzo(b)fluoranthene	4.41	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	206-44-0	Fluoranthene	1.4	UG_KG	0	9.16	J	Y
4/28/2011	SB	3	5	N	78SB38-02	SVOA	207-08-9	Benzo(k)fluoranthene	4.41	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	208-96-8	Acenaphthylene	2.21	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	218-01-9	Chrysene	4.41	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	50-32-8	Benzo(a)pyrene	4.41	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	53-70-3	Dibenz(a,h)anthracene	4.41	UG_KG	0	9.16	U	N
4/28/2011	SB	3	5	N	78SB38-02	SVOA	56-55-3	Benzo(a)anthracene	4.41	UG_KG	0	9.16	U	N
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-31-5	Tin	6.06	MG_KG	0	12.1	U	N
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7439-92-1	Lead	10.3	MG_KG	0	0.495	R	--
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-02-0	Nickel	15.9	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-22-4	Silver	0.0419	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-28-0	Thallium	0.0402	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-38-2	Arsenic	0.669	MG_KG	0	0.99	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-39-3	Barium	327	MG_KG	0	4.95	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-41-7	Beryllium	0.422	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-43-9	Cadmium	1.5	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-47-3	Chromium	27.3	MG_KG	0	5.94		Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-48-4	Cobalt	29.3	MG_KG	0	0.495		Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-50-8	Copper	116	MG_KG	0	0.99		Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-62-2	Vanadium	161	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7440-66-6	Zinc	785	MG_KG	0	2.48	R	--
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7782-49-2	Selenium	0.845	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	METAL	7439-97-6	Mercury	0.0305	MG_KG	0	0.04	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	83-32-9	Acenaphthene	2.42	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	85-01-8	Phenanthrene	2.13	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	86-73-7	Fluorene	2.42	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	91-20-3	Naphthalene	2.42	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	91-57-6	2-Methylnaphthalene	2.42	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	120-12-7	Anthracene	2.42	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	129-00-0	Pyrene	7.33	UG_KG	0	10.1	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	191-24-2	Benzo(g,h,i)perylene	4.67	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	5.32	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	205-99-2	Benzo(b)fluoranthene	12.4	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	206-44-0	Fluoranthene	6.57	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	207-08-9	Benzo(k)fluoranthene	6.53	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	208-96-8	Acenaphthylene	2.42	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	218-01-9	Chrysene	6.01	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	50-32-8	Benzo(a)pyrene	4.73	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	53-70-3	Dibenz(a,h)anthracene	4.85	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	FD	78SB39-00D	SVOA	56-55-3	Benzo(a)anthracene	2.92	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-31-5	Tin	1.57	MG_KG	0	12.1	U	N
4/28/2011	SS	0	1	N	78SB39-00	METAL	7439-92-1	Lead	1.4	MG_KG	0	0.5	R	--
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-02-0	Nickel	16.9	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-22-4	Silver	0.25	MG_KG	0	0.5	UJ	N
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-28-0	Thallium	0.0312	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-38-2	Arsenic	0.413	MG_KG	0	1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-39-3	Barium	118	MG_KG	0	5	J	Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-41-7	Beryllium	0.304	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-43-9	Cadmium	0.278	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-47-3	Chromium	22.2	MG_KG	0	6		Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-48-4	Cobalt	23	MG_KG	0	0.5		Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-50-8	Copper	162	MG_KG	0	1		Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-62-2	Vanadium	160	MG_KG	0	2.5	J	Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7440-66-6	Zinc	65.2	MG_KG	0	2.5	R	--
4/28/2011	SS	0	1	N	78SB39-00	METAL	7782-49-2	Selenium	0.33	MG_KG	0	2.5	J	Y
4/28/2011	SS	0	1	N	78SB39-00	METAL	7439-97-6	Mercury	0.0119	MG_KG	0	0.0394	U	N
4/28/2011	SS	0	1	N	78SB39-00	SVOA	83-32-9	Acenaphthene	2.43	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	N	78SB39-00	SVOA	85-01-8	Phenanthrene	1.14	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	86-73-7	Fluorene	2.43	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	N	78SB39-00	SVOA	91-20-3	Naphthalene	2.43	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	N	78SB39-00	SVOA	91-57-6	2-Methylnaphthalene	2.43	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	N	78SB39-00	SVOA	120-12-7	Anthracene	2.43	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	N	78SB39-00	SVOA	129-00-0	Pyrene	15.1	UG_KG	0	10.1		Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	191-24-2	Benzo(g,h,i)perylene	14.3	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	17.3	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	205-99-2	Benzo(b)fluoranthene	34.4	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	206-44-0	Fluoranthene	6.53	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	207-08-9	Benzo(k)fluoranthene	21.3	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	208-96-8	Acenaphthylene	2.43	UG_KG	0	10.1	U	N
4/28/2011	SS	0	1	N	78SB39-00	SVOA	218-01-9	Chrysene	17	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	50-32-8	Benzo(a)pyrene	15.6	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	53-70-3	Dibenz(a,h)anthracene	5.79	UG_KG	0	10.1	J	Y
4/28/2011	SS	0	1	N	78SB39-00	SVOA	56-55-3	Benzo(a)anthracene	9.15	UG_KG	0	10.1	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-31-5	Tin	1.75	MG_KG	0	12	U	N
4/28/2011	SB	1	3	N	78SB39-01	METAL	7439-92-1	Lead	2.24	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-02-0	Nickel	15.5	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-22-4	Silver	0.0427	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-28-0	Thallium	0.0233	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-36-0	Antimony	0.485	MG_KG	0	0.971	R	--
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-38-2	Arsenic	1.53	MG_KG	0	0.971	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-39-3	Barium	91	MG_KG	0	4.85		Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-41-7	Beryllium	0.306	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-43-9	Cadmium	0.561	MG_KG	0	0.485		Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-47-3	Chromium	14.5	MG_KG	0	5.83		Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-48-4	Cobalt	29.8	MG_KG	0	0.485		Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-50-8	Copper	228	MG_KG	0	0.971		Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-62-2	Vanadium	780	MG_KG	0	2.43	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7440-66-6	Zinc	105	MG_KG	0	2.43	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7782-49-2	Selenium	0.459	MG_KG	0	2.43	J	Y
4/28/2011	SB	1	3	N	78SB39-01	METAL	7439-97-6	Mercury	0.0118	MG_KG	0	0.0388	U	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	83-32-9	Acenaphthene	2.38	UG_KG	0	9.89	U	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	85-01-8	Phenanthrene	2.38	UG_KG	0	9.89	U	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	86-73-7	Fluorene	2.38	UG_KG	0	9.89	U	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	91-20-3	Naphthalene	2.38	UG_KG	0	9.89	U	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	91-57-6	2-Methylnaphthalene	2.38	UG_KG	0	9.89	U	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	120-12-7	Anthracene	2.38	UG_KG	0	9.89	U	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	129-00-0	Pyrene	2.71	UG_KG	0	9.89	J	Y
4/28/2011	SB	1	3	N	78SB39-01	SVOA	191-24-2	Benzo(g,h,i)perylene	1.99	UG_KG	0	9.89	J	Y
4/28/2011	SB	1	3	N	78SB39-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	8.05	UG_KG	0	9.89	J	Y
4/28/2011	SB	1	3	N	78SB39-01	SVOA	205-99-2	Benzo(b)fluoranthene	4.08	UG_KG	0	9.89	J	Y
4/28/2011	SB	1	3	N	78SB39-01	SVOA	206-44-0	Fluoranthene	1.71	UG_KG	0	9.89	J	Y
4/28/2011	SB	1	3	N	78SB39-01	SVOA	207-08-9	Benzo(k)fluoranthene	2.47	UG_KG	0	9.89	J	Y
4/28/2011	SB	1	3	N	78SB39-01	SVOA	208-96-8	Acenaphthylene	2.38	UG_KG	0	9.89	U	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	218-01-9	Chrysene	2.34	UG_KG	0	9.89	J	Y
4/28/2011	SB	1	3	N	78SB39-01	SVOA	50-32-8	Benzo(a)pyrene	4.77	UG_KG	0	9.89	UJ	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	53-70-3	Dibenz(a,h)anthracene	4.77	UG_KG	0	9.89	UJ	N
4/28/2011	SB	1	3	N	78SB39-01	SVOA	56-55-3	Benzo(a)anthracene	4.77	UG_KG	0	9.89	U	N
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-31-5	Tin	1.7	MG_KG	0	10.7	U	N
4/28/2011	SB	5	7	N	78SB39-03	METAL	7439-92-1	Lead	1.25	MG_KG	0	0.476	J	Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-02-0	Nickel	14.7	MG_KG	0	0.476	J	Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-22-4	Silver	0.238	MG_KG	0	0.476	UJ	N
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-28-0	Thallium	0.02	MG_KG	0	0.476	J	Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-38-2	Arsenic	0.297	MG_KG	0	0.952	J	Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-39-3	Barium	38.8	MG_KG	0	4.76		Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-41-7	Beryllium	0.202	MG_KG	0	0.476	J	Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-43-9	Cadmium	0.192	MG_KG	0	0.476	J	Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-47-3	Chromium	17.7	MG_KG	0	5.71		Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-48-4	Cobalt	24.3	MG_KG	0	0.476		Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-50-8	Copper	199	MG_KG	0	0.952		Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-62-2	Vanadium	182	MG_KG	0	2.38	J	Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7440-66-6	Zinc	73.7	MG_KG	0	2.38	J	Y
4/28/2011	SB	5	7	N	78SB39-03	METAL	7782-49-2	Selenium	1.19	MG_KG	0	2.38	UJ	N
4/28/2011	SB	5	7	N	78SB39-03	METAL	7439-97-6	Mercury	0.0105	MG_KG	0	0.0348	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	83-32-9	Acenaphthene	2.14	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	85-01-8	Phenanthrene	2.14	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	86-73-7	Fluorene	2.14	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	91-20-3	Naphthalene	2.14	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	91-57-6	2-Methylnaphthalene	2.14	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	120-12-7	Anthracene	2.14	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	129-00-0	Pyrene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	191-24-2	Benzo(g,h,i)perylene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	205-99-2	Benzo(b)fluoranthene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	206-44-0	Fluoranthene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	207-08-9	Benzo(k)fluoranthene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	208-96-8	Acenaphthylene	2.14	UG_KG	0	8.86	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/28/2011	SB	5	7	N	78SB39-03	SVOA	218-01-9	Chrysene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	50-32-8	Benzo(a)pyrene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	53-70-3	Dibenz(a,h)anthracene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SB	5	7	N	78SB39-03	SVOA	56-55-3	Benzo(a)anthracene	4.27	UG_KG	0	8.86	U	N
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-31-5	Tin	1.79	MG_KG	0	11.2	U	N
4/28/2011	SS	0	1	N	78SB40-00	METAL	7439-92-1	Lead	4.27	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-02-0	Nickel	13.2	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-22-4	Silver	0.0417	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-28-0	Thallium	0.0828	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-38-2	Arsenic	2.51	MG_KG	0	0.99		Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-39-3	Barium	94.2	MG_KG	0	4.95		Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-41-7	Beryllium	0.309	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-43-9	Cadmium	0.259	MG_KG	0	0.495	J	Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-47-3	Chromium	32	MG_KG	0	5.94		Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-48-4	Cobalt	27.4	MG_KG	0	0.495		Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-50-8	Copper	106	MG_KG	0	0.99		Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-62-2	Vanadium	172	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7440-66-6	Zinc	56.7	MG_KG	0	2.48		Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7782-49-2	Selenium	0.496	MG_KG	0	2.48	J	Y
4/28/2011	SS	0	1	N	78SB40-00	METAL	7439-97-6	Mercury	0.0207	MG_KG	0	0.0348	J	Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	83-32-9	Acenaphthene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SS	0	1	N	78SB40-00	SVOA	85-01-8	Phenanthrene	1.31	UG_KG	0	9.33	J	Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	86-73-7	Fluorene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SS	0	1	N	78SB40-00	SVOA	91-20-3	Naphthalene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SS	0	1	N	78SB40-00	SVOA	91-57-6	2-Methylnaphthalene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SS	0	1	N	78SB40-00	SVOA	120-12-7	Anthracene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SS	0	1	N	78SB40-00	SVOA	129-00-0	Pyrene	6.15	UG_KG	0	9.33	J	Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	191-24-2	Benzo(g,h,i)perylene	7.67	UG_KG	0	9.33	J	Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	12.3	UG_KG	0	9.33		Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	205-99-2	Benzo(b)fluoranthene	19.9	UG_KG	0	9.33		Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	206-44-0	Fluoranthene	5.66	UG_KG	0	9.33	J	Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	207-08-9	Benzo(k)fluoranthene	12.9	UG_KG	0	9.33		Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	208-96-8	Acenaphthylene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SS	0	1	N	78SB40-00	SVOA	218-01-9	Chrysene	10.7	UG_KG	0	9.33		Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	50-32-8	Benzo(a)pyrene	7.53	UG_KG	0	9.33	J	Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	53-70-3	Dibenz(a,h)anthracene	4.08	UG_KG	0	9.33	J	Y
4/28/2011	SS	0	1	N	78SB40-00	SVOA	56-55-3	Benzo(a)anthracene	4.82	UG_KG	0	9.33	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-31-5	Tin	1.62	MG_KG	0	11.2	U	N
4/28/2011	SB	1	3	N	78SB40-01	METAL	7439-92-1	Lead	1.89	MG_KG	0	0.476	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-02-0	Nickel	15.5	MG_KG	0	0.476	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-22-4	Silver	0.0416	MG_KG	0	0.476	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-28-0	Thallium	0.0486	MG_KG	0	0.476	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-38-2	Arsenic	1.06	MG_KG	0	0.952	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-39-3	Barium	101	MG_KG	0	4.76		Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-41-7	Beryllium	0.262	MG_KG	0	0.476	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-43-9	Cadmium	0.246	MG_KG	0	0.476	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-47-3	Chromium	28.2	MG_KG	0	5.71		Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-48-4	Cobalt	28.6	MG_KG	0	0.476		Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-50-8	Copper	84.2	MG_KG	0	0.952		Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-62-2	Vanadium	172	MG_KG	0	2.38	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7440-66-6	Zinc	37.2	MG_KG	0	2.38	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7782-49-2	Selenium	0.864	MG_KG	0	2.38	J	Y
4/28/2011	SB	1	3	N	78SB40-01	METAL	7439-97-6	Mercury	0.0441	MG_KG	0	0.0365		Y
4/28/2011	SB	1	3	N	78SB40-01	SVOA	83-32-9	Acenaphthene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	85-01-8	Phenanthrene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	86-73-7	Fluorene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	91-20-3	Naphthalene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	91-57-6	2-Methylnaphthalene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	120-12-7	Anthracene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	129-00-0	Pyrene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	191-24-2	Benzo(g,h,i)perylene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	6.9	UG_KG	0	9.33	J	Y
4/28/2011	SB	1	3	N	78SB40-01	SVOA	205-99-2	Benzo(b)fluoranthene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	206-44-0	Fluoranthene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	207-08-9	Benzo(k)fluoranthene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	208-96-8	Acenaphthylene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	218-01-9	Chrysene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	50-32-8	Benzo(a)pyrene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	53-70-3	Dibenz(a,h)anthracene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB40-01	SVOA	56-55-3	Benzo(a)anthracene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-31-5	Tin	1.52	MG_KG	0	11.5	U	N
4/28/2011	SB	3	5	N	78SB40-02	METAL	7439-92-1	Lead	0.69	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-02-0	Nickel	25.9	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-22-4	Silver	0.25	MG_KG	0	0.5	UJ	N
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-28-0	Thallium	0.0284	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-38-2	Arsenic	0.52	MG_KG	0	1	J	Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-39-3	Barium	55.7	MG_KG	0	5		Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-41-7	Beryllium	0.146	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-43-9	Cadmium	0.188	MG_KG	0	0.5	J	Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-47-3	Chromium	28.6	MG_KG	0	6		Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-48-4	Cobalt	27.7	MG_KG	0	0.5		Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-50-8	Copper	165	MG_KG	0	1		Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-62-2	Vanadium	193	MG_KG	0	2.5	J	Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7440-66-6	Zinc	66.9	MG_KG	0	2.5	J	Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7782-49-2	Selenium	0.222	MG_KG	0	2.5	J	Y
4/28/2011	SB	3	5	N	78SB40-02	METAL	7439-97-6	Mercury	0.01	MG_KG	0	0.033	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	83-32-9	Acenaphthene	2.3	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	85-01-8	Phenanthrene	2.3	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	86-73-7	Fluorene	2.3	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	91-20-3	Naphthalene	2.3	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	91-57-6	2-Methylnaphthalene	2.3	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	120-12-7	Anthracene	2.3	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	129-00-0	Pyrene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	191-24-2	Benzo(g,h,i)perylene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	205-99-2	Benzo(b)fluoranthene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	206-44-0	Fluoranthene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	207-08-9	Benzo(k)fluoranthene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	208-96-8	Acenaphthylene	2.3	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	218-01-9	Chrysene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	50-32-8	Benzo(a)pyrene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	53-70-3	Dibenz(a,h)anthracene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SB	3	5	N	78SB40-02	SVOA	56-55-3	Benzo(a)anthracene	4.6	UG_KG	0	9.55	U	N
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-31-5	Tin	1.53	MG_KG	0	10.8	U	N
4/28/2011	SS	0	1	N	78SB41-00	METAL	7439-92-1	Lead	2.89	MG_KG	0	0.476	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-02-0	Nickel	12.3	MG_KG	0	0.476	J	Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-22-4	Silver	0.238	MG_KG	0	0.476	UJ	N
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-28-0	Thallium	0.032	MG_KG	0	0.476	J	Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-38-2	Arsenic	2.43	MG_KG	0	0.952		Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-39-3	Barium	40	MG_KG	0	4.76		Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-41-7	Beryllium	0.207	MG_KG	0	0.476	J	Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-43-9	Cadmium	0.488	MG_KG	0	0.476		Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-47-3	Chromium	18.3	MG_KG	0	5.71		Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-48-4	Cobalt	15.4	MG_KG	0	0.476		Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-50-8	Copper	71.9	MG_KG	0	0.952		Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-62-2	Vanadium	105	MG_KG	0	2.38	J	Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7440-66-6	Zinc	35.2	MG_KG	0	2.38		Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7782-49-2	Selenium	0.439	MG_KG	0	2.38	J	Y
4/28/2011	SS	0	1	N	78SB41-00	METAL	7439-97-6	Mercury	0.0143	MG_KG	0	0.0333	J	Y
4/28/2011	SS	0	1	N	78SB41-00	SVOA	83-32-9	Acenaphthene	4.52	UG_KG	0	8.94	U	N
4/28/2011	SS	0	1	N	78SB41-00	SVOA	85-01-8	Phenanthrene	0.924	UG_KG	0	8.94	J	Y
4/28/2011	SS	0	1	N	78SB41-00	SVOA	86-73-7	Fluorene	4.52	UG_KG	0	8.94	U	N
4/28/2011	SS	0	1	N	78SB41-00	SVOA	91-20-3	Naphthalene	4.52	UG_KG	0	8.94	U	N
4/28/2011	SS	0	1	N	78SB41-00	SVOA	91-57-6	2-Methylnaphthalene	4.52	UG_KG	0	8.94	U	N
4/28/2011	SS	0	1	N	78SB41-00	SVOA	120-12-7	Anthracene	4.52	UG_KG	0	8.94	UJ	N
4/28/2011	SS	0	1	N	78SB41-00	SVOA	129-00-0	Pyrene	2.59	UG_KG	0	8.94	J	Y
4/28/2011	SS	0	1	N	78SB41-00	SVOA	191-24-2	Benzo(g,h,i)perylene	4.52	UG_KG	0	8.94	R	--
4/28/2011	SS	0	1	N	78SB41-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.52	UG_KG	0	8.94	R	--
4/28/2011	SS	0	1	N	78SB41-00	SVOA	205-99-2	Benzo(b)fluoranthene	4.52	UG_KG	0	8.94	R	--
4/28/2011	SS	0	1	N	78SB41-00	SVOA	206-44-0	Fluoranthene	4.52	UG_KG	0	8.94	UJ	N
4/28/2011	SS	0	1	N	78SB41-00	SVOA	207-08-9	Benzo(k)fluoranthene	4.52	UG_KG	0	8.94	R	--
4/28/2011	SS	0	1	N	78SB41-00	SVOA	208-96-8	Acenaphthylene	4.52	UG_KG	0	8.94	U	N
4/28/2011	SS	0	1	N	78SB41-00	SVOA	218-01-9	Chrysene	9.28	UG_KG	0	8.94	J	Y
4/28/2011	SS	0	1	N	78SB41-00	SVOA	50-32-8	Benzo(a)pyrene	4.52	UG_KG	0	8.94	R	--
4/28/2011	SS	0	1	N	78SB41-00	SVOA	53-70-3	Dibenz(a,h)anthracene	4.52	UG_KG	0	8.94	R	--
4/28/2011	SS	0	1	N	78SB41-00	SVOA	56-55-3	Benzo(a)anthracene	4.52	UG_KG	0	8.94	R	--
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-31-5	Tin	1.61	MG_KG	0	11.2	U	N
4/28/2011	SB	1	3	N	78SB41-01	METAL	7439-92-1	Lead	0.774	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-02-0	Nickel	11.6	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-22-4	Silver	0.243	MG_KG	0	0.485	UJ	N
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-28-0	Thallium	0.0197	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-36-0	Antimony	0.485	MG_KG	0	0.971	R	--
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-38-2	Arsenic	0.625	MG_KG	0	0.971	J	Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-39-3	Barium	64.2	MG_KG	0	4.85		Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-41-7	Beryllium	0.0912	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-43-9	Cadmium	0.201	MG_KG	0	0.485	J	Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-47-3	Chromium	15.9	MG_KG	0	5.83		Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-48-4	Cobalt	16.1	MG_KG	0	0.485		Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-50-8	Copper	87.7	MG_KG	0	0.971		Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-62-2	Vanadium	87.3	MG_KG	0	2.43	J	Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7440-66-6	Zinc	33.3	MG_KG	0	2.43	J	Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7782-49-2	Selenium	0.17	MG_KG	0	2.43	J	Y
4/28/2011	SB	1	3	N	78SB41-01	METAL	7439-97-6	Mercury	0.0102	MG_KG	0	0.0359	J	Y
4/28/2011	SB	1	3	N	78SB41-01	SVOA	83-32-9	Acenaphthene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	85-01-8	Phenanthrene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	86-73-7	Fluorene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	91-20-3	Naphthalene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	91-57-6	2-Methylnaphthalene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	120-12-7	Anthracene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	129-00-0	Pyrene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	191-24-2	Benzo(g,h,i)perylene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	205-99-2	Benzo(b)fluoranthene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	206-44-0	Fluoranthene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	207-08-9	Benzo(k)fluoranthene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	208-96-8	Acenaphthylene	2.25	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	218-01-9	Chrysene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	50-32-8	Benzo(a)pyrene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	53-70-3	Dibenz(a,h)anthracene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	1	3	N	78SB41-01	SVOA	56-55-3	Benzo(a)anthracene	4.5	UG_KG	0	9.33	U	N
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-31-5	Tin	2.04	MG_KG	0	11	U	N
4/28/2011	SB	3	5	N	78SB41-02	METAL	7439-92-1	Lead	0.594	MG_KG	0	0.495	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-02-0	Nickel	19.3	MG_KG	0	0.495	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-22-4	Silver	0.248	MG_KG	0	0.495	U	N
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-28-0	Thallium	0.0296	MG_KG	0	0.495	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-36-0	Antimony	0.495	MG_KG	0	0.99	R	--
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-38-2	Arsenic	0.336	MG_KG	0	0.99	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-39-3	Barium	395	MG_KG	0	4.95	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-41-7	Beryllium	0.143	MG_KG	0	0.495	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-43-9	Cadmium	0.356	MG_KG	0	0.495	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-47-3	Chromium	21.6	MG_KG	0	5.94	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-48-4	Cobalt	27.3	MG_KG	0	0.495	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-50-8	Copper	114	MG_KG	0	0.99	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-62-2	Vanadium	131	MG_KG	0	2.48	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7440-66-6	Zinc	41	MG_KG	0	2.48	J	Y
4/28/2011	SB	3	5	N	78SB41-02	METAL	7782-49-2	Selenium	1.24	MG_KG	0	2.48	UJ	N
4/28/2011	SB	3	5	N	78SB41-02	METAL	7439-97-6	Mercury	0.00968	MG_KG	0	0.0319	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	83-32-9	Acenaphthene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	85-01-8	Phenanthrene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	86-73-7	Fluorene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	91-20-3	Naphthalene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	91-57-6	2-Methylnaphthalene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	120-12-7	Anthracene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	129-00-0	Pyrene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	191-24-2	Benzo(g,h,i)perylene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	205-99-2	Benzo(b)fluoranthene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	206-44-0	Fluoranthene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	207-08-9	Benzo(k)fluoranthene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	208-96-8	Acenaphthylene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	218-01-9	Chrysene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	50-32-8	Benzo(a)pyrene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	53-70-3	Dibenz(a,h)anthracene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SB	3	5	N	78SB41-02	SVOA	56-55-3	Benzo(a)anthracene	4.61	UG_KG	0	9.11	U	N
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-31-5	Tin	15.7	MG_KG	0	11.1	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7439-92-1	Lead	5.68	MG_KG	0	0.49	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-02-0	Nickel	9.59	MG_KG	0	0.49	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-22-4	Silver	0.245	MG_KG	0	0.49	UJ	N
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-28-0	Thallium	0.0775	MG_KG	0	0.49	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-36-0	Antimony	0.49	MG_KG	0	0.98	R	--
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-38-2	Arsenic	1.29	MG_KG	0	0.98	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-39-3	Barium	81	MG_KG	0	4.9	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-41-7	Beryllium	0.294	MG_KG	0	0.49	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-43-9	Cadmium	0.254	MG_KG	0	0.49	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-47-3	Chromium	16.9	MG_KG	0	5.88	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-48-4	Cobalt	23.4	MG_KG	0	0.49	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-50-8	Copper	88.6	MG_KG	0	0.98	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-62-2	Vanadium	140	MG_KG	0	2.45	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7440-66-6	Zinc	37.1	MG_KG	0	2.45	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7782-49-2	Selenium	0.319	MG_KG	0	2.45	J	Y
4/28/2011	SS	0	1	N	78SB42-00	METAL	7439-97-6	Mercury	0.0636	MG_KG	0	0.0348		Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-31-5	Tin	1.94	MG_KG	0	11.3	U	N
4/28/2011	SB	1	3	N	78SB42-01	METAL	7439-92-1	Lead	1.7	MG_KG	0	0.459	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-02-0	Nickel	13.6	MG_KG	0	0.459	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-22-4	Silver	0.229	MG_KG	0	0.459	U	N
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-28-0	Thallium	0.0379	MG_KG	0	0.459	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-36-0	Antimony	0.459	MG_KG	0	0.917	R	--
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-38-2	Arsenic	1.95	MG_KG	0	0.917	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-39-3	Barium	171	MG_KG	0	4.59	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-41-7	Beryllium	0.246	MG_KG	0	0.459	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-43-9	Cadmium	0.191	MG_KG	0	0.459	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-47-3	Chromium	19	MG_KG	0	5.5	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-48-4	Cobalt	19.2	MG_KG	0	0.459	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-50-8	Copper	67.5	MG_KG	0	0.917	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-62-2	Vanadium	112	MG_KG	0	2.29	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7440-66-6	Zinc	28.6	MG_KG	0	2.29	J	Y
4/28/2011	SB	1	3	N	78SB42-01	METAL	7782-49-2	Selenium	0.527	MG_KG	0	2.29	UJ	N
4/28/2011	SB	1	3	N	78SB42-01	METAL	7439-97-6	Mercury	0.0294	MG_KG	0	0.0373	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-31-5	Tin	2.15	MG_KG	0	11.5	UJ	N
4/28/2011	SS	0	1	N	78SB43-00	METAL	7439-92-1	Lead	17.8	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-02-0	Nickel	13.4	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-22-4	Silver	0.25	MG_KG	0	0.5	UJ	N
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-28-0	Thallium	0.0715	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-38-2	Arsenic	5.46	MG_KG	0	1	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-39-3	Barium	70.5	MG_KG	0	5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-41-7	Beryllium	0.275	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-43-9	Cadmium	0.527	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-47-3	Chromium	36.6	MG_KG	0	6	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-48-4	Cobalt	16.4	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-50-8	Copper	83.8	MG_KG	0	1	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-62-2	Vanadium	106	MG_KG	0	2.5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7440-66-6	Zinc	76.8	MG_KG	0	2.5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7782-49-2	Selenium	1.04	MG_KG	0	2.5	J	Y
4/28/2011	SS	0	1	N	78SB43-00	METAL	7439-97-6	Mercury	0.0258	MG_KG	0	0.0362	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-31-5	Tin	1.98	MG_KG	0	11.8	UJ	N
4/28/2011	SS	0	1	N	78SB44-00	METAL	7439-92-1	Lead	9.14	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-02-0	Nickel	10.9	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-22-4	Silver	0.0423	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-28-0	Thallium	0.104	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-36-0	Antimony	0.5	MG_KG	0	1	R	--
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-38-2	Arsenic	51.9	MG_KG	0	1	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-39-3	Barium	92.8	MG_KG	0	5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-41-7	Beryllium	0.325	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-43-9	Cadmium	0.279	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-47-3	Chromium	49.5	MG_KG	0	6	R	--
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-48-4	Cobalt	19.3	MG_KG	0	0.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-50-8	Copper	106	MG_KG	0	1	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-62-2	Vanadium	124	MG_KG	0	2.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7440-66-6	Zinc	52	MG_KG	0	2.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7782-49-2	Selenium	0.959	MG_KG	0	2.5	J	Y
4/28/2011	SS	0	1	N	78SB44-00	METAL	7439-97-6	Mercury	0.0222	MG_KG	0	0.0383	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-31-5	Tin	2.3	MG_KG	0	12.1	UJ	N
4/28/2011	SS	0	1	N	78SB45-00	METAL	7439-92-1	Lead	5.86	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-02-0	Nickel	9.35	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-22-4	Silver	0.24	MG_KG	0	0.481	UJ	N
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-28-0	Thallium	0.0599	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-36-0	Antimony	0.481	MG_KG	0	0.962	R	--
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-38-2	Arsenic	6.34	MG_KG	0	0.962	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-39-3	Barium	58.2	MG_KG	0	4.81	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-41-7	Beryllium	0.225	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-43-9	Cadmium	0.236	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-47-3	Chromium	26.2	MG_KG	0	5.77	R	--
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-48-4	Cobalt	15.2	MG_KG	0	0.481	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-50-8	Copper	79.9	MG_KG	0	0.962	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-62-2	Vanadium	99.9	MG_KG	0	2.4	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7440-66-6	Zinc	47.2	MG_KG	0	2.4	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7782-49-2	Selenium	1.09	MG_KG	0	2.4	J	Y
4/28/2011	SS	0	1	N	78SB45-00	METAL	7439-97-6	Mercury	0.031	MG_KG	0	0.0368	J	Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-31-5	Tin	17.6	MG_KG	0	10.5		Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7439-92-1	Lead	104	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-02-0	Nickel	8.31	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-22-4	Silver	0.0957	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-28-0	Thallium	0.0521	MG_KG	0	0.49	U	N
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-36-0	Antimony	0.232	MG_KG	0	0.98	R	--
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-38-2	Arsenic	8.01	MG_KG	0	0.98		Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-39-3	Barium	166	MG_KG	0	4.9		Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-41-7	Beryllium	0.206	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-43-9	Cadmium	0.697	MG_KG	0	0.49		Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-47-3	Chromium	14.2	MG_KG	0	5.88		Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-48-4	Cobalt	15.8	MG_KG	0	0.49		Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-50-8	Copper	133	MG_KG	0	0.98		Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-62-2	Vanadium	72.1	MG_KG	0	2.45	J	Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7440-66-6	Zinc	413	MG_KG	0	2.45		Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7782-49-2	Selenium	0.174	MG_KG	0	2.45	J	Y
4/27/2011	SS	0	1	N	78SB46-00	METAL	7439-97-6	Mercury	0.168	MG_KG	0	0.0335		Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-31-5	Tin	1.92	MG_KG	0	11.9	U	N
4/27/2011	SS	0	1	N	78SB47-00	METAL	7439-92-1	Lead	0.493	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-02-0	Nickel	14.4	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-22-4	Silver	0.245	MG_KG	0	0.49	UJ	N
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-28-0	Thallium	0.0198	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-36-0	Antimony	0.49	MG_KG	0	0.98	R	--
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-38-2	Arsenic	0.181	MG_KG	0	0.98	J	Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-39-3	Barium	64.4	MG_KG	0	4.9		Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-41-7	Beryllium	0.116	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-43-9	Cadmium	0.102	MG_KG	0	0.49	J	Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-47-3	Chromium	11.7	MG_KG	0	5.88		Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-48-4	Cobalt	21.5	MG_KG	0	0.49		Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-50-8	Copper	59.8	MG_KG	0	0.98		Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-62-2	Vanadium	138	MG_KG	0	2.45	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
4/27/2011	SS	0	1	N	78SB47-00	METAL	7440-66-6	Zinc	38.1	MG_KG	0	2.45		Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7782-49-2	Selenium	0.151	MG_KG	0	2.45	J	Y
4/27/2011	SS	0	1	N	78SB47-00	METAL	7439-97-6	Mercury	0.011	MG_KG	0	0.0364	U	N
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-31-5	Tin	1.97	MG_KG	0	11.4	U	N
4/27/2011	SB	1	3	N	78SB47-01	METAL	7439-92-1	Lead	0.463	MG_KG	0	0.49	UJ	N
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-02-0	Nickel	12.6	MG_KG	0	0.49	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-22-4	Silver	0.245	MG_KG	0	0.49	UJ	N
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-28-0	Thallium	0.0231	MG_KG	0	0.49	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-36-0	Antimony	0.49	MG_KG	0	0.98	R	--
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-38-2	Arsenic	0.245	MG_KG	0	0.98	UJ	N
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-39-3	Barium	43.8	MG_KG	0	4.9	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-41-7	Beryllium	0.107	MG_KG	0	0.49	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-43-9	Cadmium	0.0418	MG_KG	0	0.49	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-47-3	Chromium	11.9	MG_KG	0	5.88	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-48-4	Cobalt	24.9	MG_KG	0	0.49	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-50-8	Copper	92.8	MG_KG	0	0.98	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-62-2	Vanadium	156	MG_KG	0	2.45	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7440-66-6	Zinc	42.4	MG_KG	0	2.45	J	Y
4/27/2011	SB	1	3	N	78SB47-01	METAL	7782-49-2	Selenium	1.23	MG_KG	0	2.45	UJ	N
4/27/2011	SB	1	3	N	78SB47-01	METAL	7439-97-6	Mercury	0.0105	MG_KG	0	0.0346	U	N
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-31-5	Tin	2.2	MG_KG	0	11.9	U	N
4/27/2011	SB	9	11	N	78SB47-05	METAL	7439-92-1	Lead	0.776	MG_KG	0	0.49	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-02-0	Nickel	12.7	MG_KG	0	0.49	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-22-4	Silver	0.245	MG_KG	0	0.49	UJ	N
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-28-0	Thallium	0.245	MG_KG	0	0.49	U	N
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-36-0	Antimony	0.49	MG_KG	0	0.98	R	--
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-38-2	Arsenic	0.245	MG_KG	0	0.98	UJ	N
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-39-3	Barium	40.6	MG_KG	0	4.9	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-41-7	Beryllium	0.0941	MG_KG	0	0.49	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-43-9	Cadmium	0.167	MG_KG	0	0.49	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-47-3	Chromium	12.4	MG_KG	0	5.88	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-48-4	Cobalt	25.5	MG_KG	0	0.49	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-50-8	Copper	87.7	MG_KG	0	0.98	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-62-2	Vanadium	156	MG_KG	0	2.45	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7440-66-6	Zinc	45.7	MG_KG	0	2.45	J	Y
4/27/2011	SB	9	11	N	78SB47-05	METAL	7782-49-2	Selenium	0.265	MG_KG	0	2.45	UJ	N
4/27/2011	SB	9	11	N	78SB47-05	METAL	7439-97-6	Mercury	0.0112	MG_KG	0	0.0369	U	N
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-31-5	Tin	2.26	MG_KG	0	12.5	U	N
4/26/2011	SS	0	1	N	78SB48-00	METAL	7439-92-1	Lead	47.2	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-02-0	Nickel	10.3	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-22-4	Silver	0.0438	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-28-0	Thallium	0.0511	MG_KG	0	0.476	U	N
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-36-0	Antimony	0.476	MG_KG	0	0.952	R	--
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-38-2	Arsenic	1.22	MG_KG	0	0.952		Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-39-3	Barium	138	MG_KG	0	4.76		Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-41-7	Beryllium	0.245	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-43-9	Cadmium	0.404	MG_KG	0	0.476	J	Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-47-3	Chromium	23.1	MG_KG	0	5.71		Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-48-4	Cobalt	19.6	MG_KG	0	0.476		Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-50-8	Copper	73.3	MG_KG	0	0.952		Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-62-2	Vanadium	122	MG_KG	0	2.38	J	Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7440-66-6	Zinc	116	MG_KG	0	2.38		Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7782-49-2	Selenium	0.53	MG_KG	0	2.38	J	Y
4/26/2011	SS	0	1	N	78SB48-00	METAL	7439-97-6	Mercury	0.0699	MG_KG	0	0.0412		Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-31-5	Tin	2.34	MG_KG	0	12.2	U	N
4/26/2011	SS	0	1	N	78SB49-00	METAL	7439-92-1	Lead	157	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-02-0	Nickel	16.1	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-22-4	Silver	0.136	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-28-0	Thallium	0.0825	MG_KG	0	0.472	U	N
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-36-0	Antimony	0.472	MG_KG	0	0.943	R	--
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-38-2	Arsenic	6.36	MG_KG	0	0.943		Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-39-3	Barium	152	MG_KG	0	4.72		Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-41-7	Beryllium	0.37	MG_KG	0	0.472	J	Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-43-9	Cadmium	0.991	MG_KG	0	0.472		Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-47-3	Chromium	37.3	MG_KG	0	5.66		Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-48-4	Cobalt	30.4	MG_KG	0	0.472		Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-50-8	Copper	104	MG_KG	0	0.943		Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-62-2	Vanadium	155	MG_KG	0	2.36	J	Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7440-66-6	Zinc	263	MG_KG	0	2.36		Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7782-49-2	Selenium	0.757	MG_KG	0	2.36	J	Y
4/26/2011	SS	0	1	N	78SB49-00	METAL	7439-97-6	Mercury	0.0983	MG_KG	0	0.0377		Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	110-86-1	Pyridine	250	UG_KG	0	740	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	110-86-1	Pyridine	12	UG_KG	0	37	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	110-86-1	Pyridine	14	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	110-86-1	Pyridine	12	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	110-86-1	Pyridine	13	UG_KG	0	40	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	110-86-1	Pyridine	12	UG_KG	0	36	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	110-86-1	Pyridine	270	UG_KG	0	800	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	110-86-1	Pyridine	12	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	110-86-1	Pyridine	12	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	110-86-1	Pyridine	12	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	110-86-1	Pyridine	13	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	110-86-1	Pyridine	13	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	110-86-1	Pyridine	14	UG_KG	0	43	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	110-86-1	Pyridine	13	UG_KG	0	40	U	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	110-86-1	Pyridine	13	UG_KG	0	38	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	110-86-1	Pyridine	12	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	110-86-1	Pyridine	12	UG_KG	0	37	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	110-86-1	Pyridine	13	UG_KG	0	38	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	110-86-1	Pyridine	15	UG_KG	0	44	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	110-86-1	Pyridine	16	UG_KG	0	47	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	110-86-1	Pyridine	13	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	110-86-1	Pyridine	13	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	110-86-1	Pyridine	12	UG_KG	0	37	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	110-86-1	Pyridine	12	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	110-86-1	Pyridine	12	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	110-86-1	Pyridine	13	UG_KG	0	39	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	110-86-1	Pyridine	12	UG_KG	0	36	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	110-86-1	Pyridine	13	UG_KG	0	39	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	110-86-1	Pyridine	16	UG_KG	0	48	U	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	110-86-1	Pyridine	12	UG_KG	0	37	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB12-00	SVOA	110-86-1	Pyridine	14	UG_KG	0	41	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	110-86-1	Pyridine	13	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	110-86-1	Pyridine	12	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	110-86-1	Pyridine	15	UG_KG	0	44	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	110-86-1	Pyridine	12	UG_KG	0	36	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	110-86-1	Pyridine	13	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	110-86-1	Pyridine	13	UG_KG	0	38	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	110-86-1	Pyridine	11	UG_KG	0	34	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	110-86-1	Pyridine	14	UG_KG	0	43	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	110-86-1	Pyridine	12	UG_KG	0	37	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	110-86-1	Pyridine	12	UG_KG	0	36	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7439-92-1	Lead	2.8	MG_KG	0	0.3	R	--
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-02-0	Nickel	12	MG_KG	0	0.2		Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-22-4	Silver	0.074	MG_KG	0	0.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.4	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-36-0	Antimony	0.12	MG_KG	0	0.49	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-38-2	Arsenic	1	MG_KG	0	0.49		Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-39-3	Barium	50	MG_KG	0	0.99	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-41-7	Beryllium	0.17	MG_KG	0	0.099		Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-43-9	Cadmium	0.099	MG_KG	0	0.099	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-47-3	Chromium	14	MG_KG	0	0.99		Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-48-4	Cobalt	17	MG_KG	0	0.099	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-50-8	Copper	78	MG_KG	0	2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-62-2	Vanadium	140	MG_KG	0	0.99		Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-66-6	Zinc	59	MG_KG	0	4	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.49	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7440-31-5	Tin	4	MG_KG	0	20	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	METAL	7439-97-6	Mercury	0.004	MG_KG	0	0.02	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	11096-82-5	Aroclor-1260	5.2	UG_KG	0	36	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	73	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	11141-16-5	Aroclor-1232	8.1	UG_KG	0	36	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	12672-29-6	Aroclor-1248	5.5	UG_KG	0	36	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	12674-11-2	Aroclor-1016	4.1	UG_KG	0	36	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	53469-21-9	Aroclor-1242	5.2	UG_KG	0	36	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	71-43-2	Benzene	0.73	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	71-55-6	1,1,1-Trichloroethane	0.53	UG_KG	0	4.6	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	74-83-9	Bromomethane	1.5	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	74-87-3	Chloromethane	0.65	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	74-95-3	Dibromomethane	1.1	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-00-3	Chloroethane	1.1	UG_KG	0	4.6	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-01-4	Vinyl chloride	0.53	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-09-2	Methylene chloride	0.92	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-15-0	Carbon disulfide	0.47	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-25-2	Bromoform	1	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-27-4	Bromodichloromethane	0.76	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-34-3	1,1-Dichloroethane	0.46	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-35-4	1,1-Dichloroethene	0.5	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.4	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.82	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	78-87-5	1,2-Dichloropropane	1	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	78-93-3	2-Butanone	34	UG_KG	0	23	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	79-00-5	1,1,2-Trichloroethane	1.1	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	79-01-6	Trichloroethene	0.92	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.3	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	106-93-4	1,2-Dibromoethane	1.4	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	107-06-2	1,2-Dichloroethane	0.92	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	108-10-1	4-Methyl-2-pentanone	2.7	UG_KG	0	23	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.6	UG_KG	0	9.2	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	96-18-4	1,2,3-Trichloropropane	1.3	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	108-88-3	Toluene	0.73	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	108-05-4	Vinyl acetate	1.4	UG_KG	0	9.2	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	108-90-7	Chlorobenzene	0.67	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	107-05-1	Allyl chloride	1.4	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	126-99-8	2-Chloro-1,3-butadiene	0.52	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	107-02-8	Acrolein	17	UG_KG	0	92	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	107-13-1	Acrylonitrile	21	UG_KG	0	92	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	97-63-2	Ethyl methacrylate	2	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	78-83-1	Isobutanol	64	UG_KG	0	180	R	--
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	124-48-1	Dibromochloromethane	0.46	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	126-98-7	Methacrylonitrile	22	UG_KG	0	92	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	80-62-6	Methyl methacrylate	3.4	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	127-18-4	Tetrachloroethene	0.67	UG_KG	0	4.6	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	1330-20-7	Xylene, total	2.1	UG_KG	0	9.2	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	100-41-4	Ethylbenzene	0.69	UG_KG	0	4.6	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	156-60-5	trans-1,2-Dichloroethene	0.89	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	76-01-7	Pentachloroethane	2	UG_KG	0	23	R	--
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	75-05-8	Acetonitrile	41	UG_KG	0	180	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	100-42-5	Styrene	0.61	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	74-88-4	Iodomethane	1.8	UG_KG	0	4.6	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	107-12-0	Propionitrile	19	UG_KG	0	92	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	110-57-6	trans-1,4-Dichloro-2-butene	2.9	UG_KG	0	9.2	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	10061-01-5	cis-1,3-Dichloropropene	0.8	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	56-23-5	Carbon tetrachloride	0.92	UG_KG	0	4.6	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	10061-02-6	trans-1,3-Dichloropropene	0.8	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	591-78-6	2-Hexanone	1.9	UG_KG	0	23	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.59	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	67-64-1	Acetone	210	UG_KG	0	46	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	67-66-3	Chloroform	0.46	UG_KG	0	4.6	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	67-72-1	Hexachloroethane	7.9	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	106-46-7	1,4-Dichlorobenzene	6.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	78-59-1	Isophorone	6.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	106-47-8	4-Chloroaniline	6.4	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	83-32-9	Acenaphthene	0.61	UG_KG	0	7.2	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	180	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	85-01-8	Phenanthrene	2.2	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	85-68-7	Butylbenzylphthalate	7.7	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	86-30-6	n-Nitrosodiphenylamine	7.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	86-73-7	Fluorene	0.82	UG_KG	0	7.2	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	87-68-3	Hexachlorobutadiene	9.7	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	87-86-5	Pentachlorophenol	8.9	UG_KG	0	180	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	88-06-2	2,4,6-Trichlorophenol	8.5	UG_KG	0	35	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	88-74-4	2-Nitroaniline	7	UG_KG	0	180	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	88-75-5	2-Nitrophenol	7.8	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	HERB	88-85-7	Dinoseb	18	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	91-20-3	Naphthalene	0.67	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.2	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	91-58-7	2-Chloronaphthalene	6.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.8	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	95-48-7	2-Methylphenol	8.7	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	95-50-1	1,2-Dichlorobenzene	7.5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	95-57-8	2-Chlorophenol	7.1	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	95-95-4	2,4,5-Trichlorophenol	7.3	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	98-95-3	Nitrobenzene	7.4	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.7	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	108-95-2	Phenol	5.1	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	62-53-3	Aniline	6.7	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.1	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	92-52-4	1,1-Biphenyl	7.9	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.3	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	98-86-2	Acetophenone	9.2	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	14	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	118-74-1	Hexachlorobenzene	7.3	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.2	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	710	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	EXPLO	99-65-0	1,3-Dinitrobenzene	4.2	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	123-91-1	1,4-Dioxane	8.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	120-82-1	1,2,4-Trichlorobenzene	7.9	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	120-83-2	2,4-Dichlorophenol	8.7	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	121-14-2	2,4-Dinitrotoluene	6.3	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	70-30-4	Hexachlorophene	890	UG_KG	0	18000	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.4	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.7	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	62-75-9	n-Nitrosodimethylamine	10	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.1	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	930-55-2	n-Nitrosopyrrolidine	9.5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	129-00-0	Pyrene	7.9	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	56-38-2	Parathion	8.2	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	608-93-5	Pentachlorobenzene	6.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	131-11-3	Dimethyl phthalate	6.9	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	82-68-8	Pentachloronitrobenzene	6.3	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	710	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	132-64-9	Dibenzofuran	4.5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.7	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	191-24-2	Benzo(g,h,i)perylene	6	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	87-65-0	2,6-Dichlorophenol	6.9	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	3.6	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	205-99-2	Benzo(b)fluoranthene	13	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.8	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	109-06-8	2-Picoline	13	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	122-09-8	a,a-Dimethylphenethylamine	63	UG_KG	0	7200	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	56-49-5	3-Methylcholanthrene	6.5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	206-44-0	Fluoranthene	9.3	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	62-44-2	Phenacetin	5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	101-55-3	4-Bromophenyl-phenylether	7.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.2	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	99-09-2	3-Nitroaniline	4.8	UG_KG	0	180	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	100-01-6	4-Nitroaniline	8.2	UG_KG	0	180	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.2	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	218-01-9	Chrysene	5.6	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	298-04-4	Disulfoton	6.3	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	130-15-4	1,4-Naphthoquinone	4.2	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	53-96-3	2-Acetylaminofluorene	5.5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	140-57-8	Aramite	12	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	HERB	2303-16-4	Diallate	10	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	52-85-7	Famphur	3.9	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	1888-71-7	Hexachloropropene	7.7	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	120-58-1	Isosafrole	7.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7200	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	59-89-2	N-Nitrosomorpholine	7.1	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	100-75-4	N-Nitrosopiperidine	9.1	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	71	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	298-02-2	Phorate	8.8	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	23950-58-5	Pronamide	9.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	94-59-7	Safrole	8.9	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	100-51-6	Benzyl alcohol	8.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	50-32-8	Benzo(a)pyrene	7	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	51-28-5	2,4-Dinitrophenol	89	UG_KG	0	350	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	53-70-3	Dibenz(a,h)anthracene	2.4	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.2	UG_KG	0	180	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	VOA	541-73-1	1,3-Dichlorobenzene	6.4	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	56-55-3	Benzo(a)anthracene	6	UG_KG	0	7.2	J	Y
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	59-50-7	4-Chloro-3-methylphenol	8	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	606-20-2	2,6-Dinitrotoluene	6.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	FD	78SB01-00D	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	METAL	7439-92-1	Lead	21	MG_KG	0	0.31	R	--
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-02-0	Nickel	13	MG_KG	0	0.21		Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-22-4	Silver	0.073	MG_KG	0	0.21	J	Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.42	U	N
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-36-0	Antimony	1.1	MG_KG	0	0.52	J	Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-38-2	Arsenic	1.6	MG_KG	0	0.52		Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-39-3	Barium	75	MG_KG	0	1	J	Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-41-7	Beryllium	0.22	MG_KG	0	0.1		Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-43-9	Cadmium	0.4	MG_KG	0	0.1		Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-47-3	Chromium	15	MG_KG	0	1		Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-48-4	Cobalt	25	MG_KG	0	0.1	J	Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-50-8	Copper	160	MG_KG	0	2.1	J	Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-62-2	Vanadium	140	MG_KG	0	1		Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-66-6	Zinc	150	MG_KG	0	4.2	J	Y
5/31/2008	SS	0	1	N	78SB01-00	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.52	U	N
5/31/2008	SS	0	1	N	78SB01-00	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/31/2008	SS	0	1	N	78SB01-00	METAL	7439-97-6	Mercury	0.021	MG_KG	0	0.023	J	Y
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	11096-82-5	Aroclor-1260	33	UG_KG	0	37	J	Y
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	11097-69-1	Aroclor-1254	2.6	UG_KG	0	37	U	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	76	U	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	11141-16-5	Aroclor-1232	8.5	UG_KG	0	37	U	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	12672-29-6	Aroclor-1248	5.8	UG_KG	0	37	U	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	12674-11-2	Aroclor-1016	4.3	UG_KG	0	37	U	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	53469-21-9	Aroclor-1242	5.4	UG_KG	0	37	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	71-43-2	Benzene	0.83	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	71-55-6	1,1,1-Trichloroethane	0.61	UG_KG	0	5.2	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	74-83-9	Bromomethane	1.7	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	74-87-3	Chloromethane	0.74	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.2	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-01-4	Vinyl chloride	0.61	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-09-2	Methylene chloride	1	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-15-0	Carbon disulfide	0.59	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-27-4	Bromodichloromethane	0.87	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-34-3	1,1-Dichloroethane	0.52	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-35-4	1,1-Dichloroethene	0.57	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.93	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	78-93-3	2-Butanone	50	UG_KG	0	26	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	79-01-6	Trichloroethene	1	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	107-06-2	1,2-Dichloroethane	1	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	108-10-1	4-Methyl-2-pentanone	3	UG_KG	0	26	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.9	UG_KG	0	10	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	108-88-3	Toluene	0.83	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	10	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	108-90-7	Chlorobenzene	0.76	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.2	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.6	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	107-02-8	Acrolein	20	UG_KG	0	100	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	107-13-1	Acrylonitrile	24	UG_KG	0	100	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	97-63-2	Ethyl methacrylate	2.3	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	78-83-1	Isobutanol	72	UG_KG	0	210	R	--
5/31/2008	SS	0	1	N	78SB01-00	VOA	124-48-1	Dibromochloromethane	0.52	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	126-98-7	Methacrylonitrile	25	UG_KG	0	100	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	80-62-6	Methyl methacrylate	3.9	UG_KG	0	5.2	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	127-18-4	Tetrachloroethene	0.76	UG_KG	0	5.2	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	1330-20-7	Xylene, total	2.4	UG_KG	0	10	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	100-41-4	Ethylbenzene	0.79	UG_KG	0	5.2	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	156-60-5	trans-1,2-Dichloroethene	1	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	76-01-7	Pentachloroethane	2.3	UG_KG	0	26	R	--
5/31/2008	SS	0	1	N	78SB01-00	VOA	75-05-8	Acetonitrile	47	UG_KG	0	210	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	100-42-5	Styrene	0.69	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	74-88-4	Iodomethane	1.8	UG_KG	0	5.2	J	Y
5/31/2008	SS	0	1	N	78SB01-00	VOA	107-12-0	Propionitrile	22	UG_KG	0	100	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.2	UG_KG	0	10	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.91	UG_KG	0	5.2	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	56-23-5	Carbon tetrachloride	1	UG_KG	0	5.2	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.91	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	591-78-6	2-Hexanone	2.2	UG_KG	0	26	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.67	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	67-64-1	Acetone	250	UG_KG	0	52	J	Y
5/31/2008	SS	0	1	N	78SB01-00	VOA	67-66-3	Chloroform	0.52	UG_KG	0	5.2	U	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	67-72-1	Hexachloroethane	170	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	105-67-9	2,4-Dimethylphenol	380	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	106-46-7	1,4-Dichlorobenzene	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	77-47-4	Hexachlorocyclopentadiene	310	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	78-59-1	Isophorone	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	106-47-8	4-Chloroaniline	130	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	83-32-9	Acenaphthene	13	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	84-66-2	Diethylphthalate	250	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	84-74-2	Di-n-butylphthalate	560	UG_KG	0	3800	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	85-01-8	Phenanthrene	38	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	85-68-7	Butylbenzylphthalate	160	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	86-30-6	n-Nitrosodiphenylamine	160	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	86-73-7	Fluorene	17	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	87-68-3	Hexachlorobutadiene	200	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	87-86-5	Pentachlorophenol	190	UG_KG	0	3800	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	88-06-2	2,4,6-Trichlorophenol	180	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	88-74-4	2-Nitroaniline	150	UG_KG	0	3800	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	88-75-5	2-Nitrophenol	160	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	HERB	88-85-7	Dinoseb	380	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	91-20-3	Naphthalene	13	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	91-57-6	2-Methylnaphthalene	38	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	91-58-7	2-Chloronaphthalene	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	210	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	95-48-7	2-Methylphenol	180	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	95-50-1	1,2-Dichlorobenzene	160	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	95-57-8	2-Chlorophenol	150	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	95-95-4	2,4,5-Trichlorophenol	150	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	98-95-3	Nitrobenzene	150	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	108-95-2	Phenol	110	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	62-53-3	Aniline	140	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	130	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	92-52-4	1,1-Biphenyl	170	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	150	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	98-86-2	Acetophenone	190	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	340	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	117-84-0	Di-n-octylphthalate	74	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	118-74-1	Hexachlorobenzene	150	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	120-12-7	Anthracene	38	UG_KG	0	150	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SS	0	1	N	78SB01-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	4000	UG_KG	0	15000	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	EXPLO	99-65-0	1,3-Dinitrobenzene	87	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	123-91-1	1,4-Dioxane	180	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	120-82-1	1,2,4-Trichlorobenzene	170	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	120-83-2	2,4-Dichlorophenol	180	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	121-14-2	2,4-Dinitrotoluene	130	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	70-30-4	Hexachlorophene	19000	UG_KG	0	380000	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	100-02-7	4-Nitrophenol	740	UG_KG	0	3800	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	95-53-4	2-Methylaniline	210	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	130	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	200	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	55-18-5	n-Nitrosodiethylamine	270	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	62-75-9	n-Nitrosodimethylamine	220	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	130	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	930-55-2	n-Nitrosopyrrolidine	200	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	129-00-0	Pyrene	38	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	56-38-2	Parathion	170	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	608-93-5	Pentachlorobenzene	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	131-11-3	Dimethyl phthalate	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	82-68-8	Pentachloronitrobenzene	130	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	106-50-3	p-Phenylenediamine	3600	UG_KG	0	15000	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	132-64-9	Dibenzofuran	94	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	94	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	380	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	191-24-2	Benzo(g,h,i)perylene	110	UG_KG	0	150	J	Y
5/31/2008	SS	0	1	N	78SB01-00	SVOA	87-65-0	2,6-Dichlorophenol	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	27	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	205-99-2	Benzo(b)fluoranthene	17	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	92-67-1	4-Aminobiphenyl	290	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	160	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	109-06-8	2-Picoline	270	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	1300	UG_KG	0	150000	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	56-49-5	3-Methylcholanthrene	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	206-44-0	Fluoranthene	38	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	210	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	160	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	62-44-2	Phenacetin	110	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	62-50-0	Ethyl methanesulfonate	250	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	66-27-3	Methyl methanesulfonate	210	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	101-55-3	4-Bromophenyl-phenylether	160	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	207-08-9	Benzo(k)fluoranthene	22	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	99-09-2	3-Nitroaniline	100	UG_KG	0	3800	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	100-01-6	4-Nitroaniline	170	UG_KG	0	3800	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	208-96-8	Acenaphthylene	38	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	218-01-9	Chrysene	14	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	298-00-0	Methyl parathion	74	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	298-04-4	Disulfoton	130	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	130-15-4	1,4-Naphthoquinone	87	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	53-96-3	2-Acetylaminofluorene	110	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	91-59-8	2-Naphthylamine	450	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	250	UG_KG	0	7400	R	--
5/31/2008	SS	0	1	N	78SB01-00	SVOA	140-57-8	Aramite	250	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	HERB	2303-16-4	Diallate	210	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	60-51-5	Dimethoate	74	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	52-85-7	Famphur	81	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	1888-71-7	Hexachloropropene	160	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	120-58-1	Isosafrole	160	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	91-80-5	Methapyrilene	210	UG_KG	0	150000	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	59-89-2	N-Nitrosomorpholine	150	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	100-75-4	N-Nitrosopiperidine	190	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	360	UG_KG	0	1500	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	298-02-2	Phorate	180	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	23950-58-5	Pronamide	200	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	94-59-7	Safrole	190	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	100-51-6	Benzyl alcohol	180	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	50-32-8	Benzo(a)pyrene	35	UG_KG	0	150	J	Y
5/31/2008	SS	0	1	N	78SB01-00	SVOA	51-28-5	2,4-Dinitrophenol	1900	UG_KG	0	7400	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	53-70-3	Dibenz(a,h)anthracene	13	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	130	UG_KG	0	3800	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	VOA	541-73-1	1,3-Dichlorobenzene	130	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	56-55-3	Benzo(a)anthracene	38	UG_KG	0	150	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	59-50-7	4-Chloro-3-methylphenol	170	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	606-20-2	2,6-Dinitrotoluene	140	UG_KG	0	740	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	150	UG_KG	0	740	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	METAL	7439-92-1	Lead	1.6	MG_KG	0	0.31	R	--
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-02-0	Nickel	11	MG_KG	0	0.21		Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-22-4	Silver	0.029	MG_KG	0	0.21	J	Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.41	U	N
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-36-0	Antimony	0.077	MG_KG	0	0.51	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-38-2	Arsenic	0.7	MG_KG	0	0.51		Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-39-3	Barium	38	MG_KG	0	1		Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-41-7	Beryllium	0.25	MG_KG	0	0.1		Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-43-9	Cadmium	0.073	MG_KG	0	0.1	J	Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-47-3	Chromium	14	MG_KG	0	1		Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-48-4	Cobalt	18	MG_KG	0	0.1		Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-50-8	Copper	84	MG_KG	0	2.1		Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-62-2	Vanadium	140	MG_KG	0	1		Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-66-6	Zinc	70	MG_KG	0	4.1	J	Y
5/31/2008	SB	1	3	N	78SB01-01	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.51	U	N
5/31/2008	SB	1	3	N	78SB01-01	METAL	7440-31-5	Tin	4.1	MG_KG	0	21	U	N
5/31/2008	SB	1	3	N	78SB01-01	METAL	7439-97-6	Mercury	0.0039	MG_KG	0	0.02	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	11096-82-5	Aroclor-1260	5.5	UG_KG	0	38	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	11097-69-1	Aroclor-1254	2.6	UG_KG	0	38	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	76	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	11141-16-5	Aroclor-1232	8.5	UG_KG	0	38	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	12672-29-6	Aroclor-1248	5.8	UG_KG	0	38	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	12674-11-2	Aroclor-1016	4.3	UG_KG	0	38	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	53469-21-9	Aroclor-1242	5.5	UG_KG	0	38	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	71-43-2	Benzene	0.81	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	71-55-6	1,1,1-Trichloroethane	0.59	UG_KG	0	5.1	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	74-83-9	Bromomethane	1.6	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	74-87-3	Chloromethane	0.72	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	74-95-3	Dibromomethane	1.2	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-00-3	Chloroethane	1.2	UG_KG	0	5.1	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-01-4	Vinyl chloride	0.59	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-09-2	Methylene chloride	1	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-15-0	Carbon disulfide	0.52	UG_KG	0	5.1	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-25-2	Bromoform	1.1	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-27-4	Bromodichloromethane	0.85	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-34-3	1,1-Dichloroethane	0.51	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-35-4	1,1-Dichloroethene	0.55	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.5	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.91	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	78-87-5	1,2-Dichloropropane	1.1	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	78-93-3	2-Butanone	37	UG_KG	0	25	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	79-00-5	1,1,2-Trichloroethane	1.2	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	79-01-6	Trichloroethene	1	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.4	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	106-93-4	1,2-Dibromoethane	1.5	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	107-06-2	1,2-Dichloroethane	1	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	108-10-1	4-Methyl-2-pentanone	3	UG_KG	0	25	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.9	UG_KG	0	10	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	96-18-4	1,2,3-Trichloropropane	1.4	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	108-88-3	Toluene	0.81	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	108-05-4	Vinyl acetate	1.5	UG_KG	0	10	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	108-90-7	Chlorobenzene	0.74	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	107-05-1	Allyl chloride	1.5	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.58	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	107-02-8	Acrolein	19	UG_KG	0	100	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	107-13-1	Acrylonitrile	23	UG_KG	0	100	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	97-63-2	Ethyl methacrylate	2.2	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	78-83-1	Isobutanol	70	UG_KG	0	200	R	--
5/31/2008	SB	1	3	N	78SB01-01	VOA	124-48-1	Dibromochloromethane	0.51	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	126-98-7	Methacrylonitrile	24	UG_KG	0	100	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	80-62-6	Methyl methacrylate	3.8	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	127-18-4	Tetrachloroethene	0.74	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	1330-20-7	Xylene, total	2.3	UG_KG	0	10	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	100-41-4	Ethylbenzene	0.76	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	156-60-5	trans-1,2-Dichloroethene	0.99	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	76-01-7	Pentachloroethane	2.2	UG_KG	0	25	R	--
5/31/2008	SB	1	3	N	78SB01-01	VOA	75-05-8	Acetonitrile	46	UG_KG	0	200	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	100-42-5	Styrene	0.67	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	74-88-4	Iodomethane	4.7	UG_KG	0	5.1	J	Y
5/31/2008	SB	1	3	N	78SB01-01	VOA	107-12-0	Propionitrile	21	UG_KG	0	100	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.2	UG_KG	0	10	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	10061-01-5	cis-1,3-Dichloropropene	0.89	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	56-23-5	Carbon tetrachloride	1	UG_KG	0	5.1	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	10061-02-6	trans-1,3-Dichloropropene	0.89	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	591-78-6	2-Hexanone	2.1	UG_KG	0	25	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.65	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	67-64-1	Acetone	180	UG_KG	0	51	J	Y
5/31/2008	SB	1	3	N	78SB01-01	VOA	67-66-3	Chloroform	0.51	UG_KG	0	5.1	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	67-72-1	Hexachloroethane	8.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	106-46-7	1,4-Dichlorobenzene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	74	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	78-59-1	Isophorone	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	106-47-8	4-Chloroaniline	6.7	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	83-32-9	Acenaphthene	0.64	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	85-68-7	Butylbenzylphthalate	8.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	86-30-6	n-Nitrosodiphenylamine	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	86-73-7	Fluorene	0.87	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	87-86-5	Pentachlorophenol	9.3	UG_KG	0	190	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	88-06-2	2,4,6-Trichlorophenol	8.9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	88-74-4	2-Nitroaniline	7.3	UG_KG	0	190	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	88-75-5	2-Nitrophenol	8.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	HERB	88-85-7	Dinoseb	19	UG_KG	0	74	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	91-20-3	Naphthalene	0.67	UG_KG	0	7.5	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	91-58-7	2-Chloronaphthalene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	95-48-7	2-Methylphenol	9.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	95-50-1	1,2-Dichlorobenzene	7.9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	95-57-8	2-Chlorophenol	7.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	95-95-4	2,4,5-Trichlorophenol	7.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	98-95-3	Nitrobenzene	7.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	108-95-2	Phenol	5.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	62-53-3	Aniline	7.1	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	92-52-4	1,1-Biphenyl	8.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	98-86-2	Acetophenone	9.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	13	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	117-84-0	Di-n-octylphthalate	3.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	118-74-1	Hexachlorobenzene	7.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	740	U	N
5/31/2008	SB	1	3	N	78SB01-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	123-91-1	1,4-Dioxane	9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	120-83-2	2,4-Dichlorophenol	9.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	121-14-2	2,4-Dinitrotoluene	6.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	70-30-4	Hexachlorophene	930	UG_KG	0	19000	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	100-02-7	4-Nitrophenol	37	UG_KG	0	190	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	56-38-2	Parathion	8.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	608-93-5	Pentachlorobenzene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	131-11-3	Dimethyl phthalate	7.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	82-68-8	Pentachloronitrobenzene	6.6	UG_KG	0	37	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	740	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	132-64-9	Dibenzofuran	4.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.1	UG_KG	0	37	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	1	3	N	78SB01-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.5	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	87-65-0	2,6-Dichlorophenol	7.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.85	UG_KG	0	7.5	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	109-06-8	2-Picoline	13	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	66	UG_KG	0	7500	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	56-49-5	3-Methylcholanthrene	6.9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	62-44-2	Phenacetin	5.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	101-55-3	4-Bromophenyl-phenylether	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	99-09-2	3-Nitroaniline	5.1	UG_KG	0	190	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	100-01-6	4-Nitroaniline	8.7	UG_KG	0	190	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	218-01-9	Chrysene	0.69	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	298-00-0	Methyl parathion	3.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	298-04-4	Disulfoton	6.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	130-15-4	1,4-Naphthoquinone	4.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	53-96-3	2-Acetylaminofluorene	5.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	370	R	--
5/31/2008	SB	1	3	N	78SB01-01	SVOA	140-57-8	Aramite	12	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	HERB	2303-16-4	Diallate	11	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	60-51-5	Dimethoate	3.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	52-85-7	Famphur	4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	1888-71-7	Hexachloropropene	8.1	UG_KG	0	37	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	120-58-1	Isosafrole	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7500	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	59-89-2	N-Nitrosomorpholine	7.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	100-75-4	N-Nitrosopiperidine	9.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	298-02-2	Phorate	9.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	23950-58-5	Pronamide	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	94-59-7	Safrole	9.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	100-51-6	Benzyl alcohol	9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	50-32-8	Benzo(a)pyrene	0.74	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	51-28-5	2,4-Dinitrophenol	93	UG_KG	0	370	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.66	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.5	UG_KG	0	190	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	VOA	541-73-1	1,3-Dichlorobenzene	6.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	606-20-2	2,6-Dinitrotoluene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB01-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.3	UG_KG	0	37	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7439-92-1	Lead	1.7	MG_KG	0	0.3	R	--
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-02-0	Nickel	8.6	MG_KG	0	0.2		Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-22-4	Silver	0.028	MG_KG	0	0.2	J	Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.4	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-36-0	Antimony	0.092	MG_KG	0	0.5	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-38-2	Arsenic	0.97	MG_KG	0	0.5		Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-39-3	Barium	32	MG_KG	0	1		Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-41-7	Beryllium	0.2	MG_KG	0	0.1		Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-43-9	Cadmium	0.09	MG_KG	0	0.1	J	Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-47-3	Chromium	13	MG_KG	0	1		Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-48-4	Cobalt	13	MG_KG	0	0.1		Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-50-8	Copper	150	MG_KG	0	2		Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-62-2	Vanadium	130	MG_KG	0	1		Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-66-6	Zinc	35	MG_KG	0	4	J	Y
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.5	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7440-31-5	Tin	4	MG_KG	0	20	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	METAL	7439-97-6	Mercury	0.0042	MG_KG	0	0.021	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	11096-82-5	Aroclor-1260	5.2	UG_KG	0	36	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	72	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	11141-16-5	Aroclor-1232	8.1	UG_KG	0	36	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	12672-29-6	Aroclor-1248	5.5	UG_KG	0	36	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	12674-11-2	Aroclor-1016	4.1	UG_KG	0	36	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	53469-21-9	Aroclor-1242	5.2	UG_KG	0	36	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	71-43-2	Benzene	0.68	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	71-55-6	1,1,1-Trichloroethane	0.5	UG_KG	0	4.3	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	74-83-9	Bromomethane	1.4	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	74-87-3	Chloromethane	0.61	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	74-95-3	Dibromomethane	1	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-00-3	Chloroethane	1	UG_KG	0	4.3	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-01-4	Vinyl chloride	0.5	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-09-2	Methylene chloride	0.86	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-15-0	Carbon disulfide	0.44	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-25-2	Bromoform	0.94	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-27-4	Bromodichloromethane	0.71	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-34-3	1,1-Dichloroethane	0.43	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-35-4	1,1-Dichloroethene	0.46	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.3	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.76	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	78-87-5	1,2-Dichloropropane	0.94	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	78-93-3	2-Butanone	3.5	UG_KG	0	21	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	79-00-5	1,1,2-Trichloroethane	1	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	79-01-6	Trichloroethene	0.86	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.2	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	106-93-4	1,2-Dibromoethane	1.3	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	107-06-2	1,2-Dichloroethane	0.86	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	108-10-1	4-Methyl-2-pentanone	2.5	UG_KG	0	21	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.4	UG_KG	0	8.6	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	96-18-4	1,2,3-Trichloropropane	1.2	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	108-88-3	Toluene	0.68	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	108-05-4	Vinyl acetate	1.3	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	108-90-7	Chlorobenzene	0.63	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	107-05-1	Allyl chloride	1.3	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	126-99-8	2-Chloro-1,3-butadiene	0.49	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	107-02-8	Acrolein	16	UG_KG	0	86	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	107-13-1	Acrylonitrile	20	UG_KG	0	86	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	97-63-2	Ethyl methacrylate	1.9	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	78-83-1	Isobutanol	59	UG_KG	0	170	R	--
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	124-48-1	Dibromochloromethane	0.43	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	126-98-7	Methacrylonitrile	21	UG_KG	0	86	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	80-62-6	Methyl methacrylate	3.2	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	127-18-4	Tetrachloroethene	0.63	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	1330-20-7	Xylene, total	2	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	100-41-4	Ethylbenzene	0.64	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	156-60-5	trans-1,2-Dichloroethene	0.83	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	76-01-7	Pentachloroethane	1.9	UG_KG	0	21	R	--
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	75-05-8	Acetonitrile	39	UG_KG	0	170	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	100-42-5	Styrene	0.57	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	74-88-4	Iodomethane	0.86	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	107-12-0	Propionitrile	18	UG_KG	0	86	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	110-57-6	trans-1,4-Dichloro-2-butene	2.7	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	10061-01-5	cis-1,3-Dichloropropene	0.75	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	56-23-5	Carbon tetrachloride	0.86	UG_KG	0	4.3	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	10061-02-6	trans-1,3-Dichloropropene	0.75	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	591-78-6	2-Hexanone	1.8	UG_KG	0	21	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.55	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	67-64-1	Acetone	15	UG_KG	0	43	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	67-66-3	Chloroform	0.43	UG_KG	0	4.3	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	67-72-1	Hexachloroethane	7.9	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	106-46-7	1,4-Dichlorobenzene	6.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	70	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	78-59-1	Isophorone	6.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	106-47-8	4-Chloroaniline	6.4	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	83-32-9	Acenaphthene	0.61	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	180	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	85-68-7	Butylbenzylphthalate	7.7	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	86-30-6	n-Nitrosodiphenylamine	7.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	86-73-7	Fluorene	0.82	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	87-68-3	Hexachlorobutadiene	9.7	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	87-86-5	Pentachlorophenol	8.8	UG_KG	0	180	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	88-06-2	2,4,6-Trichlorophenol	8.4	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	88-74-4	2-Nitroaniline	6.9	UG_KG	0	180	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	88-75-5	2-Nitrophenol	7.8	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	HERB	88-85-7	Dinoseb	18	UG_KG	0	70	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	91-20-3	Naphthalene	0.64	UG_KG	0	7.1	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	91-58-7	2-Chloronaphthalene	6.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.8	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	95-48-7	2-Methylphenol	8.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	95-50-1	1,2-Dichlorobenzene	7.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	95-57-8	2-Chlorophenol	7	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	95-95-4	2,4,5-Trichlorophenol	7.2	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	98-95-3	Nitrobenzene	7.3	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.7	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	108-95-2	Phenol	5.1	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	62-53-3	Aniline	6.7	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.1	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	92-52-4	1,1-Biphenyl	7.9	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.2	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	98-86-2	Acetophenone	9.2	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	14	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	118-74-1	Hexachlorobenzene	7.2	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	700	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	EXPLO	99-65-0	1,3-Dinitrobenzene	4.2	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	123-91-1	1,4-Dioxane	8.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	120-82-1	1,2,4-Trichlorobenzene	7.9	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	120-83-2	2,4-Dichlorophenol	8.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	121-14-2	2,4-Dinitrotoluene	6.3	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	70-30-4	Hexachlorophene	880	UG_KG	0	18000	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	95-53-4	2-Methylaniline	9.9	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.4	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.7	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	62-75-9	n-Nitrosodimethylamine	10	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.1	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	930-55-2	n-Nitrosopyrrolidine	9.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	56-38-2	Parathion	8.2	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	608-93-5	Pentachlorobenzene	6.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	131-11-3	Dimethyl phthalate	6.8	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	82-68-8	Pentachloronitrobenzene	6.3	UG_KG	0	35	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	700	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	132-64-9	Dibenzofuran	4.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.7	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7.1	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	87-65-0	2,6-Dichlorophenol	6.8	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	205-99-2	Benzo(b)fluoranthene	0.81	UG_KG	0	7.1	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.8	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	109-06-8	2-Picoline	13	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	122-09-8	a,a-Dimethylphenethylamine	63	UG_KG	0	7100	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	56-49-5	3-Methylcholanthrene	6.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	9.9	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	62-44-2	Phenacetin	5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	66-27-3	Methyl methanesulfonate	9.9	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	101-55-3	4-Bromophenyl-phenylether	7.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	99-09-2	3-Nitroaniline	4.8	UG_KG	0	180	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	100-01-6	4-Nitroaniline	8.2	UG_KG	0	180	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	218-01-9	Chrysene	0.65	UG_KG	0	7.1	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	298-04-4	Disulfoton	6.3	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	130-15-4	1,4-Naphthoquinone	4.2	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	53-96-3	2-Acetylaminofluorene	5.4	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	140-57-8	Aramite	12	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	HERB	2303-16-4	Diallate	10	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	52-85-7	Famphur	3.8	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	1888-71-7	Hexachloropropene	7.7	UG_KG	0	35	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	120-58-1	Isosafrole	7.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	91-80-5	Methapyrilene	9.9	UG_KG	0	7100	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	59-89-2	N-Nitrosomorpholine	7	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	100-75-4	N-Nitrosopiperidine	9.1	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	70	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	298-02-2	Phorate	8.7	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	23950-58-5	Pronamide	9.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	94-59-7	Safrole	8.8	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	100-51-6	Benzyl alcohol	8.5	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	50-32-8	Benzo(a)pyrene	0.7	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	51-28-5	2,4-Dinitrophenol	88	UG_KG	0	350	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	53-70-3	Dibenz(a,h)anthracene	0.63	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.2	UG_KG	0	180	UJ	N
5/31/2008	SB	5	7	FD	78SB01-03D	VOA	541-73-1	1,3-Dichlorobenzene	6.4	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7.1	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	59-50-7	4-Chloro-3-methylphenol	8	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	606-20-2	2,6-Dinitrotoluene	6.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	SVOA	621-64-7	n-Nitroso-di-n-propylamine	6.9	UG_KG	0	35	U	N
5/31/2008	SB	5	7	N	78SB01-03	METAL	7439-92-1	Lead	1.2	MG_KG	0	0.37	R	--
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-02-0	Nickel	7	MG_KG	0	0.25		Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-22-4	Silver	0.043	MG_KG	0	0.25	J	Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-28-0	Thallium	0.15	MG_KG	0	0.49	U	N
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-36-0	Antimony	0.093	MG_KG	0	0.62	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-38-2	Arsenic	0.73	MG_KG	0	0.62		Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-39-3	Barium	30	MG_KG	0	1.2		Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-41-7	Beryllium	0.22	MG_KG	0	0.12		Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-43-9	Cadmium	0.045	MG_KG	0	0.12	J	Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-47-3	Chromium	12	MG_KG	0	1.2		Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-48-4	Cobalt	11	MG_KG	0	0.12		Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-50-8	Copper	190	MG_KG	0	2.5		Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-62-2	Vanadium	130	MG_KG	0	1.2		Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-66-6	Zinc	39	MG_KG	0	4.9	J	Y
5/31/2008	SB	5	7	N	78SB01-03	METAL	7782-49-2	Selenium	0.15	MG_KG	0	0.62	U	N
5/31/2008	SB	5	7	N	78SB01-03	METAL	7440-31-5	Tin	4.9	MG_KG	0	25	U	N
5/31/2008	SB	5	7	N	78SB01-03	METAL	7439-97-6	Mercury	0.0048	MG_KG	0	0.024	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	11096-82-5	Aroclor-1260	6.3	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	11097-69-1	Aroclor-1254	3	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	11104-28-2	Aroclor-1221	17	UG_KG	0	88	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	11141-16-5	Aroclor-1232	9.8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	12672-29-6	Aroclor-1248	6.7	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	12674-11-2	Aroclor-1016	5	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	53469-21-9	Aroclor-1242	6.3	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	71-43-2	Benzene	0.99	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	71-55-6	1,1,1-Trichloroethane	0.73	UG_KG	0	6.3	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	74-83-9	Bromomethane	2	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	74-87-3	Chloromethane	0.89	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	74-95-3	Dibromomethane	1.5	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-00-3	Chloroethane	1.5	UG_KG	0	6.3	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-01-4	Vinyl chloride	0.73	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-09-2	Methylene chloride	1.3	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-15-0	Carbon disulfide	0.64	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-25-2	Bromoform	1.4	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-27-4	Bromodichloromethane	1	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-34-3	1,1-Dichloroethane	0.63	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-35-4	1,1-Dichloroethene	0.68	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.9	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	78-87-5	1,2-Dichloropropane	1.4	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	78-93-3	2-Butanone	6.4	UG_KG	0	31	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	79-00-5	1,1,2-Trichloroethane	1.5	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	79-01-6	Trichloroethene	1.3	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.8	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	106-93-4	1,2-Dibromoethane	1.9	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	107-06-2	1,2-Dichloroethane	1.3	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	108-10-1	4-Methyl-2-pentanone	3.7	UG_KG	0	31	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.5	UG_KG	0	13	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	96-18-4	1,2,3-Trichloropropane	1.8	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	108-88-3	Toluene	0.99	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	108-05-4	Vinyl acetate	1.9	UG_KG	0	13	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	108-90-7	Chlorobenzene	0.92	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	107-05-1	Allyl chloride	1.9	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	126-99-8	2-Chloro-1,3-butadiene	0.72	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	107-02-8	Acrolein	24	UG_KG	0	130	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	107-13-1	Acrylonitrile	29	UG_KG	0	130	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	97-63-2	Ethyl methacrylate	2.8	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	78-83-1	Isobutanol	87	UG_KG	0	250	R	--
5/31/2008	SB	5	7	N	78SB01-03	VOA	124-48-1	Dibromochloromethane	0.63	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	126-98-7	Methacrylonitrile	30	UG_KG	0	130	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	80-62-6	Methyl methacrylate	4.7	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	127-18-4	Tetrachloroethene	0.92	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	1330-20-7	Xylene, total	2.9	UG_KG	0	13	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	100-41-4	Ethylbenzene	0.94	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	76-01-7	Pentachloroethane	2.8	UG_KG	0	31	R	--
5/31/2008	SB	5	7	N	78SB01-03	VOA	75-05-8	Acetonitrile	57	UG_KG	0	250	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	100-42-5	Styrene	0.83	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	74-88-4	Iodomethane	1.3	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	107-12-0	Propionitrile	26	UG_KG	0	130	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.9	UG_KG	0	13	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	10061-01-5	cis-1,3-Dichloropropene	1.1	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	56-23-5	Carbon tetrachloride	1.3	UG_KG	0	6.3	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	10061-02-6	trans-1,3-Dichloropropene	1.1	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	591-78-6	2-Hexanone	2.6	UG_KG	0	31	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.81	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	67-64-1	Acetone	36	UG_KG	0	63	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	67-66-3	Chloroform	0.63	UG_KG	0	6.3	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	67-72-1	Hexachloroethane	9.5	UG_KG	0	43	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	5	7	N	78SB01-03	SVOA	7005-72-3	4-Chlorophenyl-phenylether	8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	105-67-9	2,4-Dimethylphenol	22	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	106-46-7	1,4-Dichlorobenzene	8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	77-47-4	Hexachlorocyclopentadiene	18	UG_KG	0	85	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	78-59-1	Isophorone	8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	106-47-8	4-Chloroaniline	7.7	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	83-32-9	Acenaphthene	0.74	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	84-66-2	Diethylphthalate	14	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	84-74-2	Di-n-butylphthalate	32	UG_KG	0	220	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	85-01-8	Phenanthrene	2.2	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	85-68-7	Butylbenzylphthalate	9.3	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	86-30-6	n-Nitrosodiphenylamine	9.2	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	86-73-7	Fluorene	0.99	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	87-68-3	Hexachlorobutadiene	12	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	87-86-5	Pentachlorophenol	11	UG_KG	0	220	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	88-06-2	2,4,6-Trichlorophenol	10	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	88-74-4	2-Nitroaniline	8.4	UG_KG	0	220	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	88-75-5	2-Nitrophenol	9.4	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	HERB	88-85-7	Dinoseb	22	UG_KG	0	85	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	91-20-3	Naphthalene	0.77	UG_KG	0	8.6	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	91-57-6	2-Methylnaphthalene	2.2	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	91-58-7	2-Chloronaphthalene	8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	91-94-1	3,3'-Dichlorobenzidine	12	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	95-48-7	2-Methylphenol	10	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	95-50-1	1,2-Dichlorobenzene	9	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	95-57-8	2-Chlorophenol	8.5	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	95-95-4	2,4,5-Trichlorophenol	8.8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	98-95-3	Nitrobenzene	8.9	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	8.1	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	108-95-2	Phenol	6.2	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	62-53-3	Aniline	8.1	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	111-44-4	bis(2-Chloroethyl)ether	7.4	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	92-52-4	1,1-Biphenyl	9.5	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8.8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	98-86-2	Acetophenone	11	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	14	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	117-84-0	Di-n-octylphthalate	4.3	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	118-74-1	Hexachlorobenzene	8.8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	120-12-7	Anthracene	2.2	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	119-93-7	3,3'-Dimethylbenzidine	230	UG_KG	0	850	U	N
5/31/2008	SB	5	7	N	78SB01-03	EXPLO	99-65-0	1,3-Dinitrobenzene	5	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	123-91-1	1,4-Dioxane	10	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	120-82-1	1,2,4-Trichlorobenzene	9.5	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	120-83-2	2,4-Dichlorophenol	10	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	121-14-2	2,4-Dinitrotoluene	7.6	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	70-30-4	Hexachlorophene	1100	UG_KG	0	22000	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	100-02-7	4-Nitrophenol	43	UG_KG	0	220	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	95-53-4	2-Methylaniline	12	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.7	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	924-16-3	n-Nitroso-di-n-butylamine	12	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	55-18-5	n-Nitrosodiethylamine	15	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	62-75-9	n-Nitrosodimethylamine	13	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	7.4	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	930-55-2	n-Nitrosopyrrolidine	11	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	129-00-0	Pyrene	2.2	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	56-38-2	Parathion	9.9	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	608-93-5	Pentachlorobenzene	8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	131-11-3	Dimethyl phthalate	8.3	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	82-68-8	Pentachloronitrobenzene	7.6	UG_KG	0	43	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	106-50-3	p-Phenylenediamine	210	UG_KG	0	850	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	132-64-9	Dibenzofuran	5.4	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	8.1	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5.4	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	EXPLO	99-35-4	1,3,5-Trinitrobenzene	22	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	191-24-2	Benzo(g,h,i)perylene	2.2	UG_KG	0	8.6	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	87-65-0	2,6-Dichlorophenol	8.3	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.5	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	205-99-2	Benzo(b)fluoranthene	2	UG_KG	0	8.6	J	Y
5/31/2008	SB	5	7	N	78SB01-03	SVOA	92-67-1	4-Aminobiphenyl	17	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	m&pCRESOL	3- and 4-Methylphenol	9.4	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	109-06-8	2-Picoline	15	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	122-09-8	a,a-Dimethylphenethylamine	76	UG_KG	0	8600	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	56-49-5	3-Methylcholanthrene	7.9	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	206-44-0	Fluoranthene	2.2	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	12	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	60-11-7	p-Dimethylaminoazobenzene	9.2	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	62-44-2	Phenacetin	6.1	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	62-50-0	Ethyl methanesulfonate	14	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	66-27-3	Methyl methanesulfonate	12	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	101-55-3	4-Bromophenyl-phenylether	9.2	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	207-08-9	Benzo(k)fluoranthene	1.3	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	99-09-2	3-Nitroaniline	5.8	UG_KG	0	220	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	100-01-6	4-Nitroaniline	9.9	UG_KG	0	220	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	208-96-8	Acenaphthylene	2.2	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	218-01-9	Chrysene	1.2	UG_KG	0	8.6	J	Y
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	298-00-0	Methyl parathion	4.3	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	298-04-4	Disulfoton	7.6	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	130-15-4	1,4-Naphthoquinone	5	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	53-96-3	2-Acetylaminofluorene	6.6	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	91-59-8	2-Naphthylamine	26	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	56-57-5	4-Nitroquinoline-1-oxide	14	UG_KG	0	430	R	--
5/31/2008	SB	5	7	N	78SB01-03	SVOA	140-57-8	Aramite	14	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	HERB	2303-16-4	Diallate	12	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	60-51-5	Dimethoate	4.3	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	52-85-7	Famphur	4.6	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	1888-71-7	Hexachloropropene	9.3	UG_KG	0	43	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	120-58-1	Isosafrole	9.2	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	91-80-5	Methapyrilene	12	UG_KG	0	8600	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	59-89-2	N-Nitrosomorpholine	8.5	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	100-75-4	N-Nitrosopiperidine	11	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	21	UG_KG	0	85	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	298-02-2	Phorate	11	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	23950-58-5	Pronamide	12	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	94-59-7	Safrole	11	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	100-51-6	Benzyl alcohol	10	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	50-32-8	Benzo(a)pyrene	1.3	UG_KG	0	8.6	J	Y
5/31/2008	SB	5	7	N	78SB01-03	SVOA	51-28-5	2,4-Dinitrophenol	110	UG_KG	0	430	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	53-70-3	Dibenz(a,h)anthracene	0.76	UG_KG	0	8.6	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	5	7	N	78SB01-03	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	7.5	UG_KG	0	220	UJ	N
5/31/2008	SB	5	7	N	78SB01-03	VOA	541-73-1	1,3-Dichlorobenzene	7.7	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	56-55-3	Benzo(a)anthracene	2.2	UG_KG	0	8.6	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	59-50-7	4-Chloro-3-methylphenol	9.7	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	606-20-2	2,6-Dinitrotoluene	8	UG_KG	0	43	U	N
5/31/2008	SB	5	7	N	78SB01-03	SVOA	621-64-7	n-Nitroso-di-n-propylamine	8.4	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB02-00	METAL	7439-92-1	Lead	3.4	MG_KG	0	0.3	R	--
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-02-0	Nickel	9.2	MG_KG	0	0.2		Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-22-4	Silver	0.04	MG_KG	0	0.2	J	Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.4	U	N
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-36-0	Antimony	0.3	MG_KG	0	0.5	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-38-2	Arsenic	0.76	MG_KG	0	0.5		Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-39-3	Barium	62	MG_KG	0	1		Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-41-7	Beryllium	0.22	MG_KG	0	0.1		Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-43-9	Cadmium	0.39	MG_KG	0	0.1		Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-47-3	Chromium	13	MG_KG	0	1		Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-48-4	Cobalt	16	MG_KG	0	0.1		Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-50-8	Copper	49	MG_KG	0	2		Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-62-2	Vanadium	130	MG_KG	0	1		Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-66-6	Zinc	53	MG_KG	0	4	J	Y
5/30/2008	SS	0	1	N	78SB02-00	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.5	U	N
5/30/2008	SS	0	1	N	78SB02-00	METAL	7440-31-5	Tin	4	MG_KG	0	20	U	N
5/30/2008	SS	0	1	N	78SB02-00	METAL	7439-97-6	Mercury	0.0038	MG_KG	0	0.019	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	11096-82-5	Aroclor-1260	5.3	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	11141-16-5	Aroclor-1232	8.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	12672-29-6	Aroclor-1248	5.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	12674-11-2	Aroclor-1016	4.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	53469-21-9	Aroclor-1242	5.3	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	71-43-2	Benzene	0.99	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	71-55-6	1,1,1-Trichloroethane	0.73	UG_KG	0	6.3	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	74-83-9	Bromomethane	2	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	74-87-3	Chloromethane	0.89	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	74-95-3	Dibromomethane	1.5	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-00-3	Chloroethane	1.5	UG_KG	0	6.3	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-01-4	Vinyl chloride	0.73	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-09-2	Methylene chloride	1.3	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-15-0	Carbon disulfide	0.64	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-25-2	Bromoform	1.4	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-27-4	Bromodichloromethane	1	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-34-3	1,1-Dichloroethane	0.63	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-35-4	1,1-Dichloroethene	0.68	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.9	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	78-87-5	1,2-Dichloropropane	1.4	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	78-93-3	2-Butanone	9.2	UG_KG	0	31	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	79-00-5	1,1,2-Trichloroethane	1.5	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	79-01-6	Trichloroethene	1.3	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.8	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	106-93-4	1,2-Dibromoethane	1.9	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	107-06-2	1,2-Dichloroethane	1.3	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	108-10-1	4-Methyl-2-pentanone	3.6	UG_KG	0	31	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.5	UG_KG	0	13	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	96-18-4	1,2,3-Trichloropropane	1.8	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	108-88-3	Toluene	0.99	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	108-05-4	Vinyl acetate	1.9	UG_KG	0	13	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	108-90-7	Chlorobenzene	0.92	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	107-05-1	Allyl chloride	1.9	UG_KG	0	6.3	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.71	UG_KG	0	6.3	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	107-02-8	Acrolein	24	UG_KG	0	130	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	107-13-1	Acrylonitrile	29	UG_KG	0	130	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	97-63-2	Ethyl methacrylate	2.8	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	78-83-1	Isobutanol	87	UG_KG	0	250	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	124-48-1	Dibromochloromethane	0.63	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	126-98-7	Methacrylonitrile	30	UG_KG	0	130	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	80-62-6	Methyl methacrylate	4.6	UG_KG	0	6.3	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	127-18-4	Tetrachloroethene	0.92	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	1330-20-7	Xylene, total	2.9	UG_KG	0	13	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	100-41-4	Ethylbenzene	0.94	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	76-01-7	Pentachloroethane	2.8	UG_KG	0	31	R	--
5/30/2008	SS	0	1	N	78SB02-00	VOA	75-05-8	Acetonitrile	56	UG_KG	0	250	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	100-42-5	Styrene	0.83	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	74-88-4	Iodomethane	1.3	UG_KG	0	6.3	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	107-12-0	Propionitrile	26	UG_KG	0	130	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.9	UG_KG	0	13	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	10061-01-5	cis-1,3-Dichloropropene	1.1	UG_KG	0	6.3	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	56-23-5	Carbon tetrachloride	1.3	UG_KG	0	6.3	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	10061-02-6	trans-1,3-Dichloropropene	1.1	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	591-78-6	2-Hexanone	2.6	UG_KG	0	31	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.8	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	67-64-1	Acetone	96	UG_KG	0	63	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	67-66-3	Chloroform	0.63	UG_KG	0	6.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	67-72-1	Hexachloroethane	8.1	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	106-46-7	1,4-Dichlorobenzene	6.8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	78-59-1	Isophorone	6.8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	106-47-8	4-Chloroaniline	6.5	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	83-32-9	Acenaphthene	0.62	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	85-68-7	Butylbenzylphthalate	7.9	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	86-30-6	n-Nitrosodiphenylamine	7.7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	86-73-7	Fluorene	0.84	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	87-68-3	Hexachlorobutadiene	9.9	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	87-86-5	Pentachlorophenol	9.1	UG_KG	0	190	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	88-06-2	2,4,6-Trichlorophenol	8.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	88-74-4	2-Nitroaniline	7.1	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	88-75-5	2-Nitrophenol	8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	HERB	88-85-7	Dinoseb	19	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	91-20-3	Naphthalene	0.65	UG_KG	0	7.3	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	91-58-7	2-Chloronaphthalene	6.8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	72	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB02-00	SVOA	95-48-7	2-Methylphenol	8.8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	95-50-1	1,2-Dichlorobenzene	7.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	95-57-8	2-Chlorophenol	7.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	95-95-4	2,4,5-Trichlorophenol	7.4	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	98-95-3	Nitrobenzene	7.5	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.9	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	108-95-2	Phenol	6.5	UG_KG	0	36	J	Y
5/30/2008	SS	0	1	N	78SB02-00	SVOA	62-53-3	Aniline	6.9	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	92-52-4	1,1-Biphenyl	8.1	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.4	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	98-86-2	Acetophenone	9.4	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	18	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	117-84-0	Di-n-octylphthalate	3.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	118-74-1	Hexachlorobenzene	7.4	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	720	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	123-91-1	1,4-Dioxane	8.7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	120-82-1	1,2,4-Trichlorobenzene	8.1	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	120-83-2	2,4-Dichlorophenol	8.8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	121-14-2	2,4-Dinitrotoluene	6.4	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	70-30-4	Hexachlorophene	910	UG_KG	0	19000	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	100-02-7	4-Nitrophenol	36	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.5	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.9	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	930-55-2	n-Nitrosopyrrolidine	9.7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	56-38-2	Parathion	8.4	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	608-93-5	Pentachlorobenzene	6.8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	131-11-3	Dimethyl phthalate	7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	82-68-8	Pentachloronitrobenzene	6.4	UG_KG	0	36	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	720	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	132-64-9	Dibenzofuran	4.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.9	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	191-24-2	Benzo(g,h,i)perylene	11	UG_KG	0	7.3	J	Y
5/30/2008	SS	0	1	N	78SB02-00	SVOA	87-65-0	2,6-Dichlorophenol	7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	205-99-2	Benzo(b)fluoranthene	0.83	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	109-06-8	2-Picoline	13	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	64	UG_KG	0	7300	UJ	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	56-49-5	3-Methylcholanthrene	6.7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	62-44-2	Phenacetin	5.1	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	101-55-3	4-Bromophenyl-phenylether	7.7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	99-09-2	3-Nitroaniline	4.9	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	100-01-6	4-Nitroaniline	8.4	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	218-01-9	Chrysene	2.2	UG_KG	0	7.3	J	Y
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	298-00-0	Methyl parathion	3.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	298-04-4	Disulfoton	6.4	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	53-96-3	2-Acetylaminofluorene	5.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	360	R	--
5/30/2008	SS	0	1	N	78SB02-00	SVOA	140-57-8	Aramite	12	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	HERB	2303-16-4	Diallate	10	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	60-51-5	Dimethoate	3.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	52-85-7	Famphur	3.9	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	1888-71-7	Hexachloropropene	7.9	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	120-58-1	Isosafrole	7.7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7300	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	59-89-2	N-Nitrosomorpholine	7.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	100-75-4	N-Nitrosopiperidine	9.3	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	72	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	298-02-2	Phorate	8.9	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	23950-58-5	Pronamide	9.8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	94-59-7	Safrole	9.1	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	100-51-6	Benzyl alcohol	8.7	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	50-32-8	Benzo(a)pyrene	0.72	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	51-28-5	2,4-Dinitrophenol	91	UG_KG	0	360	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.64	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.3	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB02-00	VOA	541-73-1	1,3-Dichlorobenzene	6.5	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	59-50-7	4-Chloro-3-methylphenol	8.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	606-20-2	2,6-Dinitrotoluene	6.8	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB02-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.1	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB02-01	METAL	7439-92-1	Lead	0.84	MG_KG	0	0.34	R	--
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-02-0	Nickel	16	MG_KG	0	0.22		Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-22-4	Silver	0.16	MG_KG	0	0.22	J	Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.45	U	N
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-36-0	Antimony	0.4	MG_KG	0	0.56	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-38-2	Arsenic	1.5	MG_KG	0	0.56		Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-39-3	Barium	41	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-41-7	Beryllium	0.22	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-43-9	Cadmium	3.7	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-47-3	Chromium	18	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-48-4	Cobalt	17	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-50-8	Copper	61	MG_KG	0	2.2		Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-62-2	Vanadium	220	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-66-6	Zinc	66	MG_KG	0	4.5	J	Y
5/30/2008	SB	1	3	N	78SB02-01	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.56	U	N
5/30/2008	SB	1	3	N	78SB02-01	METAL	7440-31-5	Tin	4.5	MG_KG	0	22	U	N
5/30/2008	SB	1	3	N	78SB02-01	METAL	7439-97-6	Mercury	0.0048	MG_KG	0	0.024	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	11096-82-5	Aroclor-1260	5.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	11097-69-1	Aroclor-1254	2.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	11104-28-2	Aroclor-1221	16	UG_KG	0	81	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	11141-16-5	Aroclor-1232	9.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	12672-29-6	Aroclor-1248	6.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	12674-11-2	Aroclor-1016	4.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	53469-21-9	Aroclor-1242	5.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	71-43-2	Benzene	0.87	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	71-55-6	1,1,1-Trichloroethane	0.64	UG_KG	0	5.5	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	74-83-9	Bromomethane	1.8	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	74-87-3	Chloromethane	0.78	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.5	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-01-4	Vinyl chloride	0.64	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-15-0	Carbon disulfide	0.56	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-27-4	Bromodichloromethane	0.91	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-34-3	1,1-Dichloroethane	0.55	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-35-4	1,1-Dichloroethene	0.59	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.7	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.98	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	78-93-3	2-Butanone	27	UG_KG	0	28	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	106-93-4	1,2-Dibromoethane	1.7	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	108-10-1	4-Methyl-2-pentanone	3.2	UG_KG	0	28	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.1	UG_KG	0	11	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	108-88-3	Toluene	0.87	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	108-05-4	Vinyl acetate	1.7	UG_KG	0	11	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	108-90-7	Chlorobenzene	0.8	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	107-05-1	Allyl chloride	1.7	UG_KG	0	5.5	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.63	UG_KG	0	5.5	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	107-02-8	Acrolein	21	UG_KG	0	110	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	78-83-1	Isobutanol	76	UG_KG	0	220	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	124-48-1	Dibromochloromethane	0.55	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	80-62-6	Methyl methacrylate	4.1	UG_KG	0	5.5	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	127-18-4	Tetrachloroethene	0.8	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	100-41-4	Ethylbenzene	0.83	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	28	R	--
5/30/2008	SB	1	3	N	78SB02-01	VOA	75-05-8	Acetonitrile	50	UG_KG	0	220	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	100-42-5	Styrene	0.73	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	74-88-4	Iodomethane	12	UG_KG	0	5.5	J	Y
5/30/2008	SB	1	3	N	78SB02-01	VOA	107-12-0	Propionitrile	23	UG_KG	0	110	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.4	UG_KG	0	11	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	10061-01-5	cis-1,3-Dichloropropene	0.96	UG_KG	0	5.5	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.5	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	10061-02-6	trans-1,3-Dichloropropene	0.96	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	591-78-6	2-Hexanone	2.3	UG_KG	0	28	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.71	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	67-64-1	Acetone	170	UG_KG	0	55	J	Y
5/30/2008	SB	1	3	N	78SB02-01	VOA	67-66-3	Chloroform	0.55	UG_KG	0	5.5	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	67-72-1	Hexachloroethane	8.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	106-46-7	1,4-Dichlorobenzene	7.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	77-47-4	Hexachlorocyclopentadiene	17	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	78-59-1	Isophorone	7.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	106-47-8	4-Chloroaniline	7.2	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	83-32-9	Acenaphthene	0.69	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	84-74-2	Di-n-butylphthalate	30	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	85-68-7	Butylbenzylphthalate	8.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	86-30-6	n-Nitrosodiphenylamine	8.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	86-73-7	Fluorene	0.93	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	87-86-5	Pentachlorophenol	10	UG_KG	0	200	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	88-06-2	2,4,6-Trichlorophenol	9.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	88-74-4	2-Nitroaniline	7.8	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	88-75-5	2-Nitrophenol	8.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	HERB	88-85-7	Dinoseb	20	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	91-20-3	Naphthalene	0.72	UG_KG	0	8.1	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	91-58-7	2-Chloronaphthalene	7.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	80	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	95-48-7	2-Methylphenol	9.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	95-50-1	1,2-Dichlorobenzene	8.4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	95-57-8	2-Chlorophenol	8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	95-95-4	2,4,5-Trichlorophenol	8.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	98-95-3	Nitrobenzene	8.3	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	108-95-2	Phenol	5.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	62-53-3	Aniline	7.6	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	92-52-4	1,1-Biphenyl	8.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	98-86-2	Acetophenone	10	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	18	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	117-84-0	Di-n-octylphthalate	4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	118-74-1	Hexachlorobenzene	8.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	120-12-7	Anthracene	2	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	220	UG_KG	0	800	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	123-91-1	1,4-Dioxane	9.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	120-83-2	2,4-Dichlorophenol	9.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	121-14-2	2,4-Dinitrotoluene	7.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	70-30-4	Hexachlorophene	1000	UG_KG	0	20000	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB02-01	SVOA	100-02-7	4-Nitrophenol	40	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	62-75-9	n-Nitrosodimethylamine	12	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	930-55-2	n-Nitrosopyrrolidine	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	129-00-0	Pyrene	2	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	56-38-2	Parathion	9.3	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	608-93-5	Pentachlorobenzene	7.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	131-11-3	Dimethyl phthalate	7.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	82-68-8	Pentachloronitrobenzene	7.1	UG_KG	0	40	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	800	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	132-64-9	Dibenzofuran	5.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	8.1	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	87-65-0	2,6-Dichlorophenol	7.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.92	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	92-67-1	4-Aminobiphenyl	16	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	109-06-8	2-Picoline	14	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	71	UG_KG	0	8100	UJ	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	56-49-5	3-Methylcholanthrene	7.4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	62-44-2	Phenacetin	5.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	101-55-3	4-Bromophenyl-phenylether	8.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	99-09-2	3-Nitroaniline	5.4	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	100-01-6	4-Nitroaniline	9.3	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	218-01-9	Chrysene	0.74	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	298-00-0	Methyl parathion	4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	298-04-4	Disulfoton	7.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	130-15-4	1,4-Naphthoquinone	4.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	53-96-3	2-Acetylaminofluorene	6.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	91-59-8	2-Naphthylamine	24	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	400	R	--
5/30/2008	SB	1	3	N	78SB02-01	SVOA	140-57-8	Aramite	13	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	HERB	2303-16-4	Diallate	12	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	60-51-5	Dimethoate	4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	52-85-7	Famphur	4.3	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	1888-71-7	Hexachloropropene	8.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	120-58-1	Isosafrole	8.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	8100	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	59-89-2	N-Nitrosomorpholine	8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	100-75-4	N-Nitrosopiperidine	10	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	80	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	298-02-2	Phorate	9.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	23950-58-5	Pronamide	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	94-59-7	Safrole	10	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	100-51-6	Benzyl alcohol	9.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	50-32-8	Benzo(a)pyrene	0.8	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	51-28-5	2,4-Dinitrophenol	100	UG_KG	0	400	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.71	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	7	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB02-01	VOA	541-73-1	1,3-Dichlorobenzene	7.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	8.1	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	59-50-7	4-Chloro-3-methylphenol	9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	606-20-2	2,6-Dinitrotoluene	7.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB02-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.8	UG_KG	0	40	U	N
5/30/2008	SB	5	7	N	78SB02-03	METAL	7439-92-1	Lead	0.65	MG_KG	0	0.31	R	--
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-02-0	Nickel	9.2	MG_KG	0	0.21		Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-22-4	Silver	0.075	MG_KG	0	0.21	J	Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.42	U	N
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-36-0	Antimony	0.079	MG_KG	0	0.52	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-38-2	Arsenic	0.54	MG_KG	0	0.52		Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-39-3	Barium	32	MG_KG	0	1		Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-41-7	Beryllium	0.15	MG_KG	0	0.1		Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-43-9	Cadmium	0.16	MG_KG	0	0.1		Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-47-3	Chromium	8.1	MG_KG	0	1		Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-48-4	Cobalt	14	MG_KG	0	0.1		Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-50-8	Copper	9.4	MG_KG	0	2.1		Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-62-2	Vanadium	100	MG_KG	0	1		Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-66-6	Zinc	37	MG_KG	0	4.2	J	Y
5/30/2008	SB	5	7	N	78SB02-03	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.52	U	N
5/30/2008	SB	5	7	N	78SB02-03	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/30/2008	SB	5	7	N	78SB02-03	METAL	7439-97-6	Mercury	0.0042	MG_KG	0	0.021	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	11096-82-5	Aroclor-1260	5.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	11141-16-5	Aroclor-1232	8.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	12672-29-6	Aroclor-1248	5.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	12674-11-2	Aroclor-1016	4.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	53469-21-9	Aroclor-1242	5.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	71-43-2	Benzene	0.94	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	71-55-6	1,1,1-Trichloroethane	0.69	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	74-83-9	Bromomethane	1.9	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	74-87-3	Chloromethane	0.85	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	74-95-3	Dibromomethane	1.4	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-00-3	Chloroethane	1.4	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-01-4	Vinyl chloride	0.69	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-09-2	Methylene chloride	1.2	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-15-0	Carbon disulfide	0.61	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-25-2	Bromoform	1.3	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-27-4	Bromodichloromethane	0.99	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-34-3	1,1-Dichloroethane	0.6	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-35-4	1,1-Dichloroethene	0.65	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.8	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	78-87-5	1,2-Dichloropropane	1.3	UG_KG	0	6	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	5	7	N	78SB02-03	VOA	78-93-3	2-Butanone	3.9	UG_KG	0	30	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	79-00-5	1,1,2-Trichloroethane	1.4	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	79-01-6	Trichloroethene	1.2	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.7	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	106-93-4	1,2-Dibromoethane	1.8	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	107-06-2	1,2-Dichloroethane	1.2	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	108-10-1	4-Methyl-2-pentanone	3.5	UG_KG	0	30	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.3	UG_KG	0	12	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	96-18-4	1,2,3-Trichloropropane	1.7	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	108-88-3	Toluene	0.94	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	108-05-4	Vinyl acetate	1.8	UG_KG	0	12	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	108-90-7	Chlorobenzene	0.87	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	107-05-1	Allyl chloride	1.8	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	126-99-8	2-Chloro-1,3-butadiene	0.68	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	107-02-8	Acrolein	23	UG_KG	0	120	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	107-13-1	Acrylonitrile	27	UG_KG	0	120	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	97-63-2	Ethyl methacrylate	2.6	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	78-83-1	Isobutanol	82	UG_KG	0	240	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	124-48-1	Dibromochloromethane	0.6	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	126-98-7	Methacrylonitrile	29	UG_KG	0	120	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	80-62-6	Methyl methacrylate	4.4	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	127-18-4	Tetrachloroethene	0.87	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	1330-20-7	Xylene, total	2.7	UG_KG	0	12	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	100-41-4	Ethylbenzene	0.9	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	76-01-7	Pentachloroethane	2.6	UG_KG	0	30	R	--
5/30/2008	SB	5	7	N	78SB02-03	VOA	75-05-8	Acetonitrile	54	UG_KG	0	240	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	100-42-5	Styrene	0.79	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	74-88-4	Iodomethane	1.2	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	107-12-0	Propionitrile	25	UG_KG	0	120	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.7	UG_KG	0	12	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	10061-01-5	cis-1,3-Dichloropropene	1	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	56-23-5	Carbon tetrachloride	1.2	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	10061-02-6	trans-1,3-Dichloropropene	1	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	591-78-6	2-Hexanone	2.5	UG_KG	0	30	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.76	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	67-64-1	Acetone	20	UG_KG	0	60	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	67-66-3	Chloroform	0.6	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	67-72-1	Hexachloroethane	8.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	106-46-7	1,4-Dichlorobenzene	6.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	78-59-1	Isophorone	6.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	106-47-8	4-Chloroaniline	6.6	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	83-32-9	Acenaphthene	0.62	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	190	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	85-68-7	Butylbenzylphthalate	7.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	86-30-6	n-Nitrosodiphenylamine	7.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	86-73-7	Fluorene	0.84	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	87-86-5	Pentachlorophenol	9.1	UG_KG	0	190	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	88-06-2	2,4,6-Trichlorophenol	8.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	88-74-4	2-Nitroaniline	7.1	UG_KG	0	190	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	88-75-5	2-Nitrophenol	8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	HERB	88-85-7	Dinoseb	19	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	91-20-3	Naphthalene	0.66	UG_KG	0	7.3	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	91-58-7	2-Chloronaphthalene	6.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	72	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	95-48-7	2-Methylphenol	8.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	95-50-1	1,2-Dichlorobenzene	7.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	95-57-8	2-Chlorophenol	7.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	95-95-4	2,4,5-Trichlorophenol	7.4	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	98-95-3	Nitrobenzene	7.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	108-95-2	Phenol	5.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	62-53-3	Aniline	6.9	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	92-52-4	1,1-Biphenyl	8.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.4	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	98-86-2	Acetophenone	9.4	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	8.8	UG_KG	0	36	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	117-84-0	Di-n-octylphthalate	3.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	118-74-1	Hexachlorobenzene	7.4	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	720	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	123-91-1	1,4-Dioxane	8.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	120-82-1	1,2,4-Trichlorobenzene	8.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	120-83-2	2,4-Dichlorophenol	8.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	121-14-2	2,4-Dinitrotoluene	6.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	70-30-4	Hexachlorophene	910	UG_KG	0	19000	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	100-02-7	4-Nitrophenol	36	UG_KG	0	190	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	930-55-2	n-Nitrosopyrrolidine	9.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	56-38-2	Parathion	8.4	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	608-93-5	Pentachlorobenzene	6.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	131-11-3	Dimethyl phthalate	7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	82-68-8	Pentachloronitrobenzene	6.5	UG_KG	0	36	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	720	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	132-64-9	Dibenzofuran	4.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.3	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	87-65-0	2,6-Dichlorophenol	7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	205-99-2	Benzo(b)fluoranthene	0.83	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	72	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	5	7	N	78SB02-03	SVOA	m&pCRESOL	3- and 4-Methylphenol	8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	109-06-8	2-Picoline	13	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	122-09-8	a,a-Dimethylphenethylamine	65	UG_KG	0	7300	UJ	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	56-49-5	3-Methylcholanthrene	6.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	62-44-2	Phenacetin	5.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	101-55-3	4-Bromophenyl-phenylether	7.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	99-09-2	3-Nitroaniline	4.9	UG_KG	0	190	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	100-01-6	4-Nitroaniline	8.4	UG_KG	0	190	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	218-01-9	Chrysene	0.67	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	298-00-0	Methyl parathion	3.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	298-04-4	Disulfoton	6.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	53-96-3	2-Acetylaminofluorene	5.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	360	R	--
5/30/2008	SB	5	7	N	78SB02-03	SVOA	140-57-8	Aramite	12	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	HERB	2303-16-4	Diallate	11	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	60-51-5	Dimethoate	3.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	52-85-7	Famphur	3.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	1888-71-7	Hexachloropropene	7.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	120-58-1	Isosafrole	7.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7300	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	59-89-2	N-Nitrosomorpholine	7.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	100-75-4	N-Nitrosopiperidine	9.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	298-02-2	Phorate	9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	23950-58-5	Pronamide	9.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	94-59-7	Safrole	9.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	100-51-6	Benzyl alcohol	8.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	50-32-8	Benzo(a)pyrene	0.72	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	51-28-5	2,4-Dinitrophenol	91	UG_KG	0	360	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	53-70-3	Dibenz(a,h)anthracene	0.65	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.4	UG_KG	0	190	U	N
5/30/2008	SB	5	7	N	78SB02-03	VOA	541-73-1	1,3-Dichlorobenzene	6.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.3	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	59-50-7	4-Chloro-3-methylphenol	8.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	606-20-2	2,6-Dinitrotoluene	6.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB02-03	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.1	UG_KG	0	36	U	N
5/31/2008	SS	0	1	N	78SB03-00	METAL	7439-92-1	Lead	180	MG_KG	0	0.35	R	--
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-02-0	Nickel	13	MG_KG	0	0.23		Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-22-4	Silver	0.099	MG_KG	0	0.23	J	Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-28-0	Thallium	0.14	MG_KG	0	0.47	U	N
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-36-0	Antimony	4	MG_KG	0	0.59	J	Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-38-2	Arsenic	4.2	MG_KG	0	0.59		Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-39-3	Barium	150	MG_KG	0	1.2		Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-41-7	Beryllium	0.3	MG_KG	0	0.12		Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-43-9	Cadmium	0.76	MG_KG	0	0.12		Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-47-3	Chromium	21	MG_KG	0	1.2		Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-48-4	Cobalt	21	MG_KG	0	0.12		Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-50-8	Copper	100	MG_KG	0	2.3		Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-62-2	Vanadium	130	MG_KG	0	1.2		Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-66-6	Zinc	490	MG_KG	0	4.7	J	Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7782-49-2	Selenium	0.19	MG_KG	0	0.59	J	Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7440-31-5	Tin	8.8	MG_KG	0	23	J	Y
5/31/2008	SS	0	1	N	78SB03-00	METAL	7439-97-6	Mercury	0.11	MG_KG	0	0.021		Y
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	11096-82-5	Aroclor-1260	5.8	UG_KG	0	40	U	N
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	11097-69-1	Aroclor-1254	2.8	UG_KG	0	40	U	N
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	11104-28-2	Aroclor-1221	16	UG_KG	0	81	U	N
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	11141-16-5	Aroclor-1232	9.1	UG_KG	0	40	U	N
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	12672-29-6	Aroclor-1248	6.2	UG_KG	0	40	U	N
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	12674-11-2	Aroclor-1016	4.6	UG_KG	0	40	U	N
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	53469-21-9	Aroclor-1242	5.8	UG_KG	0	40	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	71-43-2	Benzene	1	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	71-55-6	1,1,1-Trichloroethane	0.74	UG_KG	0	6.4	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	74-83-9	Bromomethane	2.1	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	74-87-3	Chloromethane	2	UG_KG	0	6.4	J	Y
5/31/2008	SS	0	1	N	78SB03-00	VOA	74-95-3	Dibromomethane	1.5	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-00-3	Chloroethane	1.5	UG_KG	0	6.4	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-01-4	Vinyl chloride	0.74	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-09-2	Methylene chloride	1.3	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-15-0	Carbon disulfide	8	UG_KG	0	6.4		Y
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-25-2	Bromoform	1.4	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-27-4	Bromodichloromethane	1.1	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-34-3	1,1-Dichloroethane	0.64	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-35-4	1,1-Dichloroethene	0.69	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.9	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	78-87-5	1,2-Dichloropropane	1.4	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	78-93-3	2-Butanone	22	UG_KG	0	32	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	79-00-5	1,1,2-Trichloroethane	1.5	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	79-01-6	Trichloroethene	1.3	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.8	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	106-93-4	1,2-Dibromoethane	1.9	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	107-06-2	1,2-Dichloroethane	1.3	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	108-10-1	4-Methyl-2-pentanone	3.7	UG_KG	0	32	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.6	UG_KG	0	13	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	96-18-4	1,2,3-Trichloropropane	1.8	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	108-88-3	Toluene	1	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	108-05-4	Vinyl acetate	1.9	UG_KG	0	13	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	108-90-7	Chlorobenzene	0.94	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	107-05-1	Allyl chloride	1.9	UG_KG	0	6.4	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.73	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	107-02-8	Acrolein	24	UG_KG	0	130	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	107-13-1	Acrylonitrile	29	UG_KG	0	130	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	97-63-2	Ethyl methacrylate	2.8	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	78-83-1	Isobutanol	88	UG_KG	0	260	R	--
5/31/2008	SS	0	1	N	78SB03-00	VOA	124-48-1	Dibromochloromethane	0.64	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	126-98-7	Methacrylonitrile	31	UG_KG	0	130	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	80-62-6	Methyl methacrylate	4.7	UG_KG	0	6.4	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	127-18-4	Tetrachloroethene	0.94	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	1330-20-7	Xylene, total	2.9	UG_KG	0	13	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SS	0	1	N	78SB03-00	VOA	100-41-4	Ethylbenzene	0.96	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	76-01-7	Pentachloroethane	2.8	UG_KG	0	32	R	--
5/31/2008	SS	0	1	N	78SB03-00	VOA	75-05-8	Acetonitrile	58	UG_KG	0	260	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	100-42-5	Styrene	0.85	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	74-88-4	Iodomethane	1.6	UG_KG	0	6.4	J	Y
5/31/2008	SS	0	1	N	78SB03-00	VOA	107-12-0	Propionitrile	27	UG_KG	0	130	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	4	UG_KG	0	13	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	10061-01-5	cis-1,3-Dichloropropene	1.1	UG_KG	0	6.4	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	56-23-5	Carbon tetrachloride	1.3	UG_KG	0	6.4	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	10061-02-6	trans-1,3-Dichloropropene	1.1	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	591-78-6	2-Hexanone	2.7	UG_KG	0	32	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.82	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	67-64-1	Acetone	100	UG_KG	0	64	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	67-66-3	Chloroform	0.64	UG_KG	0	6.4	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	67-72-1	Hexachloroethane	180	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	105-67-9	2,4-Dimethylphenol	410	UG_KG	0	1600	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	106-46-7	1,4-Dichlorobenzene	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	77-47-4	Hexachlorocyclopentadiene	340	UG_KG	0	1600	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	78-59-1	Isophorone	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	106-47-8	4-Chloroaniline	150	UG_KG	0	1600	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	83-32-9	Acenaphthene	14	UG_KG	0	160	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	84-66-2	Diethylphthalate	270	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	84-74-2	Di-n-butylphthalate	610	UG_KG	0	4100	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	85-01-8	Phenanthrene	41	UG_KG	0	160	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	85-68-7	Butylbenzylphthalate	170	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	86-30-6	n-Nitrosodiphenylamine	170	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	86-73-7	Fluorene	19	UG_KG	0	160	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	87-68-3	Hexachlorobutadiene	220	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	87-86-5	Pentachlorophenol	200	UG_KG	0	4100	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	88-06-2	2,4,6-Trichlorophenol	190	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	88-74-4	2-Nitroaniline	160	UG_KG	0	4100	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	88-75-5	2-Nitrophenol	180	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	HERB	88-85-7	Dinoseb	410	UG_KG	0	1600	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	91-20-3	Naphthalene	15	UG_KG	0	160	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	91-57-6	2-Methylnaphthalene	41	UG_KG	0	160	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	91-58-7	2-Chloronaphthalene	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	220	UG_KG	0	1600	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	95-48-7	2-Methylphenol	200	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	95-50-1	1,2-Dichlorobenzene	170	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	95-57-8	2-Chlorophenol	160	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	95-95-4	2,4,5-Trichlorophenol	160	UG_KG	0	800	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	98-95-3	Nitrobenzene	170	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	108-95-2	Phenol	120	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	62-53-3	Aniline	150	UG_KG	0	1600	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	140	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	92-52-4	1,1-Biphenyl	180	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	160	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	98-86-2	Acetophenone	210	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	470	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	117-84-0	Di-n-octylphthalate	80	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	118-74-1	Hexachlorobenzene	160	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	120-12-7	Anthracene	41	UG_KG	0	160	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	4400	UG_KG	0	16000	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	EXPLO	99-65-0	1,3-Dinitrobenzene	95	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	123-91-1	1,4-Dioxane	190	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	120-82-1	1,2,4-Trichlorobenzene	180	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	120-83-2	2,4-Dichlorophenol	200	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	121-14-2	2,4-Dinitrotoluene	140	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	70-30-4	Hexachlorophene	20000	UG_KG	0	410000	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	100-02-7	4-Nitrophenol	800	UG_KG	0	4100	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	95-53-4	2-Methylaniline	230	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	220	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	55-18-5	n-Nitrosodiethylamine	290	UG_KG	0	1600	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	62-75-9	n-Nitrosodimethylamine	240	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	140	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	930-55-2	n-Nitrosopyrrolidine	220	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	129-00-0	Pyrene	110	UG_KG	0	160	J	Y
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	56-38-2	Parathion	190	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	608-93-5	Pentachlorobenzene	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	131-11-3	Dimethyl phthalate	160	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	82-68-8	Pentachloronitrobenzene	140	UG_KG	0	800	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	106-50-3	p-Phenylenediamine	3900	UG_KG	0	16000	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	132-64-9	Dibenzofuran	100	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	100	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	410	UG_KG	0	1600	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	191-24-2	Benzo(g,h,i)perylene	290	UG_KG	0	160	J	Y
5/31/2008	SS	0	1	N	78SB03-00	SVOA	87-65-0	2,6-Dichlorophenol	160	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	29	UG_KG	0	160	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	205-99-2	Benzo(b)fluoranthene	74	UG_KG	0	160	J	Y
5/31/2008	SS	0	1	N	78SB03-00	SVOA	92-67-1	4-Aminobiphenyl	320	UG_KG	0	1600	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	180	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	109-06-8	2-Picoline	290	UG_KG	0	1600	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	1400	UG_KG	0	160000	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	56-49-5	3-Methylcholanthrene	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	206-44-0	Fluoranthene	51	UG_KG	0	160	J	Y
5/31/2008	SS	0	1	N	78SB03-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	230	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	170	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	62-44-2	Phenacetin	110	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	62-50-0	Ethyl methanesulfonate	270	UG_KG	0	1600	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	66-27-3	Methyl methanesulfonate	230	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	101-55-3	4-Bromophenyl-phenylether	170	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	207-08-9	Benzo(k)fluoranthene	24	UG_KG	0	160	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	99-09-2	3-Nitroaniline	110	UG_KG	0	4100	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	100-01-6	4-Nitroaniline	190	UG_KG	0	4100	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	208-96-8	Acenaphthylene	41	UG_KG	0	160	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	218-01-9	Chrysene	59	UG_KG	0	160	J	Y
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	298-00-0	Methyl parathion	80	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	298-04-4	Disulfoton	140	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	130-15-4	1,4-Naphthoquinone	95	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	53-96-3	2-Acetylaminofluorene	120	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	91-59-8	2-Naphthylamine	490	UG_KG	0	1600	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	270	UG_KG	0	8000	R	--
5/31/2008	SS	0	1	N	78SB03-00	SVOA	140-57-8	Aramite	270	UG_KG	0	1600	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SS	0	1	N	78SB03-00	HERB	2303-16-4	Diallate	230	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	60-51-5	Dimethoate	80	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	52-85-7	Famphur	87	UG_KG	0	800	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	1888-71-7	Hexachloropropene	170	UG_KG	0	800	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	120-58-1	Isosafrole	170	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	91-80-5	Methapyrilene	230	UG_KG	0	160000	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	59-89-2	N-Nitrosomorpholine	160	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	100-75-4	N-Nitrosopiperidine	210	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	390	UG_KG	0	1600	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	298-02-2	Phorate	200	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	23950-58-5	Pronamide	220	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	94-59-7	Safrole	200	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	100-51-6	Benzyl alcohol	190	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	50-32-8	Benzo(a)pyrene	110	UG_KG	0	160	J	Y
5/31/2008	SS	0	1	N	78SB03-00	SVOA	51-28-5	2,4-Dinitrophenol	2000	UG_KG	0	8000	UJ	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	53-70-3	Dibenz(a,h)anthracene	26	UG_KG	0	160	J	Y
5/31/2008	SS	0	1	N	78SB03-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	140	UG_KG	0	4100	U	N
5/31/2008	SS	0	1	N	78SB03-00	VOA	541-73-1	1,3-Dichlorobenzene	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	56-55-3	Benzo(a)anthracene	41	UG_KG	0	160	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	59-50-7	4-Chloro-3-methylphenol	180	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	606-20-2	2,6-Dinitrotoluene	150	UG_KG	0	800	U	N
5/31/2008	SS	0	1	N	78SB03-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	160	UG_KG	0	800	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7439-92-1	Lead	1.4	MG_KG	0	0.31	R	--
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-02-0	Nickel	17	MG_KG	0	0.21		Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-22-4	Silver	0.15	MG_KG	0	0.21	J	Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.42	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-36-0	Antimony	0.28	MG_KG	0	0.52	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-38-2	Arsenic	0.87	MG_KG	0	0.52		Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-39-3	Barium	63	MG_KG	0	1		Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-41-7	Beryllium	0.19	MG_KG	0	0.1		Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-43-9	Cadmium	0.56	MG_KG	0	0.1		Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-47-3	Chromium	17	MG_KG	0	1		Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-48-4	Cobalt	23	MG_KG	0	0.1		Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-50-8	Copper	100	MG_KG	0	2.1		Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-62-2	Vanadium	190	MG_KG	0	1		Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-66-6	Zinc	60	MG_KG	0	4.2	J	Y
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.52	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	METAL	7439-97-6	Mercury	0.0089	MG_KG	0	0.022	J	Y
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	11096-82-5	Aroclor-1260	5.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	11097-69-1	Aroclor-1254	2.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	76	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	11141-16-5	Aroclor-1232	8.5	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	12672-29-6	Aroclor-1248	5.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	12674-11-2	Aroclor-1016	4.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	53469-21-9	Aroclor-1242	5.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	71-43-2	Benzene	0.84	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	71-55-6	1,1,1-Trichloroethane	0.62	UG_KG	0	5.3	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	74-83-9	Bromomethane	1.7	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	74-87-3	Chloromethane	0.76	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.3	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-01-4	Vinyl chloride	0.62	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-15-0	Carbon disulfide	0.54	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-27-4	Bromodichloromethane	0.88	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-34-3	1,1-Dichloroethane	0.53	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-35-4	1,1-Dichloroethene	0.57	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.95	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	78-93-3	2-Butanone	2.9	UG_KG	0	27	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	108-10-1	4-Methyl-2-pentanone	3.1	UG_KG	0	27	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3	UG_KG	0	11	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	108-88-3	Toluene	0.84	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	11	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	108-90-7	Chlorobenzene	0.78	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	126-99-8	2-Chloro-1,3-butadiene	0.61	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	107-02-8	Acrolein	20	UG_KG	0	110	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	107-13-1	Acrylonitrile	24	UG_KG	0	110	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	97-63-2	Ethyl methacrylate	2.3	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	78-83-1	Isobutanol	73	UG_KG	0	210	R	--
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	124-48-1	Dibromochloromethane	0.53	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	80-62-6	Methyl methacrylate	3.9	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	127-18-4	Tetrachloroethene	0.78	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	1330-20-7	Xylene, total	2.4	UG_KG	0	11	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	100-41-4	Ethylbenzene	0.8	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	156-60-5	trans-1,2-Dichloroethene	1	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	76-01-7	Pentachloroethane	2.3	UG_KG	0	27	R	--
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	75-05-8	Acetonitrile	48	UG_KG	0	210	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	100-42-5	Styrene	0.7	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	74-88-4	Iodomethane	1.1	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	107-12-0	Propionitrile	22	UG_KG	0	110	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.3	UG_KG	0	11	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	10061-01-5	cis-1,3-Dichloropropene	0.93	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.3	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	10061-02-6	trans-1,3-Dichloropropene	0.93	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	591-78-6	2-Hexanone	2.2	UG_KG	0	27	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.68	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	67-64-1	Acetone	15	UG_KG	0	53	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	67-66-3	Chloroform	0.53	UG_KG	0	5.3	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	67-72-1	Hexachloroethane	8.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	106-46-7	1,4-Dichlorobenzene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	75	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	78-59-1	Isophorone	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	106-47-8	4-Chloroaniline	6.8	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	83-32-9	Acenaphthene	0.65	UG_KG	0	7.6	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	85-68-7	Butylbenzylphthalate	8.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	86-30-6	n-Nitrosodiphenylamine	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	86-73-7	Fluorene	0.87	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	87-86-5	Pentachlorophenol	9.4	UG_KG	0	190	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	88-06-2	2,4,6-Trichlorophenol	8.9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	88-74-4	2-Nitroaniline	7.4	UG_KG	0	190	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	88-75-5	2-Nitrophenol	8.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	HERB	88-85-7	Dinoseb	19	UG_KG	0	75	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	91-20-3	Naphthalene	0.68	UG_KG	0	7.6	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	91-58-7	2-Chloronaphthalene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	95-48-7	2-Methylphenol	9.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	95-50-1	1,2-Dichlorobenzene	7.9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	95-57-8	2-Chlorophenol	7.5	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	95-95-4	2,4,5-Trichlorophenol	7.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	98-95-3	Nitrobenzene	7.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	108-95-2	Phenol	5.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	62-53-3	Aniline	7.1	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.5	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	92-52-4	1,1-Biphenyl	8.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	98-86-2	Acetophenone	9.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	17	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	117-84-0	Di-n-octylphthalate	3.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	118-74-1	Hexachlorobenzene	7.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	750	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	EXPLO	99-65-0	1,3-Dinitrobenzene	4.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	123-91-1	1,4-Dioxane	9.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	120-82-1	1,2,4-Trichlorobenzene	8.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	120-83-2	2,4-Dichlorophenol	9.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	121-14-2	2,4-Dinitrotoluene	6.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	70-30-4	Hexachlorophene	940	UG_KG	0	19000	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	100-02-7	4-Nitrophenol	37	UG_KG	0	190	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.5	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	56-38-2	Parathion	8.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	608-93-5	Pentachlorobenzene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	131-11-3	Dimethyl phthalate	7.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	82-68-8	Pentachloronitrobenzene	6.7	UG_KG	0	37	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	750	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	132-64-9	Dibenzofuran	4.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.6	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	87-65-0	2,6-Dichlorophenol	7.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	205-99-2	Benzo(b)fluoranthene	0.86	UG_KG	0	7.6	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	109-06-8	2-Picoline	14	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	122-09-8	a,a-Dimethylphenethylamine	67	UG_KG	0	7600	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	56-49-5	3-Methylcholanthrene	6.9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	60-11-7	p-Dimethylaminoazobenzene	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	62-44-2	Phenacetin	5.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	101-55-3	4-Bromophenyl-phenylether	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	99-09-2	3-Nitroaniline	5.1	UG_KG	0	190	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	100-01-6	4-Nitroaniline	8.7	UG_KG	0	190	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	218-01-9	Chrysene	0.69	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	298-00-0	Methyl parathion	3.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	298-04-4	Disulfoton	6.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	130-15-4	1,4-Naphthoquinone	4.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	53-96-3	2-Acetylaminofluorene	5.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	91-59-8	2-Naphthylamine	23	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	370	R	--
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	140-57-8	Aramite	12	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	HERB	2303-16-4	Diallate	11	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	60-51-5	Dimethoate	3.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	52-85-7	Famphur	4.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	1888-71-7	Hexachloropropene	8.1	UG_KG	0	37	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	120-58-1	Isosafrole	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7600	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	59-89-2	N-Nitrosomorpholine	7.5	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	100-75-4	N-Nitrosopiperidine	9.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	75	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	298-02-2	Phorate	9.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	23950-58-5	Pronamide	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	94-59-7	Safrole	9.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	100-51-6	Benzyl alcohol	9.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	50-32-8	Benzo(a)pyrene	0.75	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	51-28-5	2,4-Dinitrophenol	94	UG_KG	0	370	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	53-70-3	Dibenz(a,h)anthracene	0.67	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.6	UG_KG	0	190	UJ	N
5/31/2008	SB	1	3	FD	78SB03-01D	VOA	541-73-1	1,3-Dichlorobenzene	6.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.6	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	59-50-7	4-Chloro-3-methylphenol	8.5	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	606-20-2	2,6-Dinitrotoluene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	METAL	7439-92-1	Lead	1.8	MG_KG	0	0.32	R	--

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-02-0	Nickel	18	MG_KG	0	0.21		Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-22-4	Silver	0.14	MG_KG	0	0.21	J	Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.43	U	N
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-36-0	Antimony	0.4	MG_KG	0	0.54	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-38-2	Arsenic	0.96	MG_KG	0	0.54		Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-39-3	Barium	86	MG_KG	0	1.1		Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-41-7	Beryllium	0.21	MG_KG	0	0.11		Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-43-9	Cadmium	0.63	MG_KG	0	0.11		Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-47-3	Chromium	17	MG_KG	0	1.1		Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-48-4	Cobalt	24	MG_KG	0	0.11		Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-50-8	Copper	140	MG_KG	0	2.1		Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-62-2	Vanadium	190	MG_KG	0	1.1		Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-66-6	Zinc	61	MG_KG	0	4.3	J	Y
5/31/2008	SB	1	3	N	78SB03-01	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.54	U	N
5/31/2008	SB	1	3	N	78SB03-01	METAL	7440-31-5	Tin	4.3	MG_KG	0	21	U	N
5/31/2008	SB	1	3	N	78SB03-01	METAL	7439-97-6	Mercury	0.0043	MG_KG	0	0.021	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	11096-82-5	Aroclor-1260	5.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	11097-69-1	Aroclor-1254	2.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	76	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	11141-16-5	Aroclor-1232	8.5	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	12672-29-6	Aroclor-1248	5.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	12674-11-2	Aroclor-1016	4.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	53469-21-9	Aroclor-1242	5.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	71-43-2	Benzene	0.85	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	71-55-6	1,1,1-Trichloroethane	0.62	UG_KG	0	5.4	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	74-83-9	Bromomethane	1.7	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	74-87-3	Chloromethane	0.76	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.4	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-01-4	Vinyl chloride	0.62	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-15-0	Carbon disulfide	0.55	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-27-4	Bromodichloromethane	0.89	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-34-3	1,1-Dichloroethane	0.54	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-35-4	1,1-Dichloroethene	0.58	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.95	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	78-93-3	2-Butanone	3.8	UG_KG	0	27	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	108-10-1	4-Methyl-2-pentanone	3.1	UG_KG	0	27	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3	UG_KG	0	11	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	108-88-3	Toluene	0.85	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	11	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	108-90-7	Chlorobenzene	0.78	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.61	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	107-02-8	Acrolein	20	UG_KG	0	110	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	78-83-1	Isobutanol	74	UG_KG	0	210	R	--
5/31/2008	SB	1	3	N	78SB03-01	VOA	124-48-1	Dibromochloromethane	0.54	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	80-62-6	Methyl methacrylate	4	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	127-18-4	Tetrachloroethene	0.78	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	100-41-4	Ethylbenzene	0.8	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	156-60-5	trans-1,2-Dichloroethene	1	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	27	R	--
5/31/2008	SB	1	3	N	78SB03-01	VOA	75-05-8	Acetonitrile	48	UG_KG	0	210	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	100-42-5	Styrene	0.71	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	74-88-4	Iodomethane	1.1	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	107-12-0	Propionitrile	23	UG_KG	0	110	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.3	UG_KG	0	11	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	10061-01-5	cis-1,3-Dichloropropene	0.93	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.4	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	10061-02-6	trans-1,3-Dichloropropene	0.93	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	591-78-6	2-Hexanone	2.3	UG_KG	0	27	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.69	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	67-64-1	Acetone	21	UG_KG	0	54	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	67-66-3	Chloroform	0.54	UG_KG	0	5.4	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	67-72-1	Hexachloroethane	8.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	106-46-7	1,4-Dichlorobenzene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	74	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	78-59-1	Isophorone	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	106-47-8	4-Chloroaniline	6.7	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	83-32-9	Acenaphthene	0.64	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	85-68-7	Butylbenzylphthalate	8.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	86-30-6	n-Nitrosodiphenylamine	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	86-73-7	Fluorene	0.86	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	87-86-5	Pentachlorophenol	9.3	UG_KG	0	190	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	88-06-2	2,4,6-Trichlorophenol	8.9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	88-74-4	2-Nitroaniline	7.3	UG_KG	0	190	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	88-75-5	2-Nitrophenol	8.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	HERB	88-85-7	Dinoseb	19	UG_KG	0	74	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	91-20-3	Naphthalene	0.67	UG_KG	0	7.5	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	91-58-7	2-Chloronaphthalene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	95-48-7	2-Methylphenol	9.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	95-50-1	1,2-Dichlorobenzene	7.9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	95-57-8	2-Chlorophenol	7.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	95-95-4	2,4,5-Trichlorophenol	7.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	98-95-3	Nitrobenzene	7.8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	108-95-2	Phenol	5.4	UG_KG	0	37	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	1	3	N	78SB03-01	SVOA	62-53-3	Aniline	7.1	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	92-52-4	1,1-Biphenyl	8.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	98-86-2	Acetophenone	9.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	12	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	117-84-0	Di-n-octylphthalate	3.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	118-74-1	Hexachlorobenzene	7.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	740	U	N
5/31/2008	SB	1	3	N	78SB03-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	123-91-1	1,4-Dioxane	9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	120-83-2	2,4-Dichlorophenol	9.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	121-14-2	2,4-Dinitrotoluene	6.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	70-30-4	Hexachlorophene	930	UG_KG	0	19000	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	100-02-7	4-Nitrophenol	37	UG_KG	0	190	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	56-38-2	Parathion	8.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	608-93-5	Pentachlorobenzene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	131-11-3	Dimethyl phthalate	7.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	82-68-8	Pentachloronitrobenzene	6.6	UG_KG	0	37	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	740	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	132-64-9	Dibenzofuran	4.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.1	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.5	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	87-65-0	2,6-Dichlorophenol	7.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.85	UG_KG	0	7.5	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	109-06-8	2-Picoline	13	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	66	UG_KG	0	7500	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	56-49-5	3-Methylcholanthrene	6.9	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	62-44-2	Phenacetin	5.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	101-55-3	4-Bromophenyl-phenylether	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	99-09-2	3-Nitroaniline	5.1	UG_KG	0	190	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	100-01-6	4-Nitroaniline	8.6	UG_KG	0	190	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	218-01-9	Chrysene	0.69	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	298-00-0	Methyl parathion	3.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	298-04-4	Disulfoton	6.6	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	130-15-4	1,4-Naphthoquinone	4.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	53-96-3	2-Acetylaminofluorene	5.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	370	R	--
5/31/2008	SB	1	3	N	78SB03-01	SVOA	140-57-8	Aramite	12	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	HERB	2303-16-4	Diallate	11	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	60-51-5	Dimethoate	3.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	52-85-7	Famphur	4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	1888-71-7	Hexachloropropene	8.1	UG_KG	0	37	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	120-58-1	Isosafrole	8	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7500	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	59-89-2	N-Nitrosomorpholine	7.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	100-75-4	N-Nitrosopiperidine	9.5	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	74	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	298-02-2	Phorate	9.2	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	23950-58-5	Pronamide	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	94-59-7	Safrole	9.3	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	100-51-6	Benzyl alcohol	10	UG_KG	0	37	J	Y
5/31/2008	SB	1	3	N	78SB03-01	SVOA	50-32-8	Benzo(a)pyrene	0.74	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	51-28-5	2,4-Dinitrophenol	93	UG_KG	0	370	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.66	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.5	UG_KG	0	190	UJ	N
5/31/2008	SB	1	3	N	78SB03-01	VOA	541-73-1	1,3-Dichlorobenzene	6.7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.4	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	606-20-2	2,6-Dinitrotoluene	7	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.3	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	METAL	7439-92-1	Lead	1.2	MG_KG	0	0.3	R	--
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-02-0	Nickel	12	MG_KG	0	0.2		Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-22-4	Silver	0.06	MG_KG	0	0.2	J	Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.41	U	N
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-36-0	Antimony	0.28	MG_KG	0	0.51	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-38-2	Arsenic	1.1	MG_KG	0	0.51		Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-39-3	Barium	230	MG_KG	0	1		Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-41-7	Beryllium	0.14	MG_KG	0	0.1		Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-43-9	Cadmium	2.6	MG_KG	0	0.1		Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-47-3	Chromium	10	MG_KG	0	1		Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-48-4	Cobalt	27	MG_KG	0	0.1		Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-50-8	Copper	120	MG_KG	0	2		Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-62-2	Vanadium	180	MG_KG	0	1		Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-66-6	Zinc	40	MG_KG	0	4.1	J	Y
5/31/2008	SB	3	5	N	78SB03-02	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.51	U	N
5/31/2008	SB	3	5	N	78SB03-02	METAL	7440-31-5	Tin	4.1	MG_KG	0	20	U	N
5/31/2008	SB	3	5	N	78SB03-02	METAL	7439-97-6	Mercury	0.0042	MG_KG	0	0.021	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	11096-82-5	Aroclor-1260	5.4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	11097-69-1	Aroclor-1254	2.6	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	75	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	11141-16-5	Aroclor-1232	8.4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	12672-29-6	Aroclor-1248	5.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	12674-11-2	Aroclor-1016	4.3	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	53469-21-9	Aroclor-1242	5.4	UG_KG	0	37	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	3	5	N	78SB03-02	VOA	71-43-2	Benzene	0.88	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	71-55-6	1,1,1-Trichloroethane	0.65	UG_KG	0	5.6	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	74-83-9	Bromomethane	1.8	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	74-87-3	Chloromethane	0.79	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.6	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-01-4	Vinyl chloride	0.65	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-15-0	Carbon disulfide	0.57	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-27-4	Bromodichloromethane	0.92	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-34-3	1,1-Dichloroethane	0.56	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-35-4	1,1-Dichloroethene	0.6	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.7	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.99	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	78-93-3	2-Butanone	3	UG_KG	0	28	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.6	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	106-93-4	1,2-Dibromoethane	1.7	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	108-10-1	4-Methyl-2-pentanone	3.2	UG_KG	0	28	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.1	UG_KG	0	11	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	96-18-4	1,2,3-Trichloropropane	1.6	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	108-88-3	Toluene	0.88	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	108-05-4	Vinyl acetate	1.7	UG_KG	0	11	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	108-90-7	Chlorobenzene	0.81	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	107-05-1	Allyl chloride	1.7	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	126-99-8	2-Chloro-1,3-butadiene	0.63	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	107-02-8	Acrolein	21	UG_KG	0	110	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	107-13-1	Acrylonitrile	26	UG_KG	0	110	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	78-83-1	Isobutanol	77	UG_KG	0	220	R	--
5/31/2008	SB	3	5	N	78SB03-02	VOA	124-48-1	Dibromochloromethane	0.56	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	126-98-7	Methacrylonitrile	27	UG_KG	0	110	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	80-62-6	Methyl methacrylate	4.1	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	127-18-4	Tetrachloroethene	0.81	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	1330-20-7	Xylene, total	2.6	UG_KG	0	11	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	100-41-4	Ethylbenzene	0.83	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	28	R	--
5/31/2008	SB	3	5	N	78SB03-02	VOA	75-05-8	Acetonitrile	50	UG_KG	0	220	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	100-42-5	Styrene	0.73	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	74-88-4	Iodomethane	1.1	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	107-12-0	Propionitrile	23	UG_KG	0	110	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.4	UG_KG	0	11	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	10061-01-5	cis-1,3-Dichloropropene	0.97	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.6	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	10061-02-6	trans-1,3-Dichloropropene	0.97	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	591-78-6	2-Hexanone	2.3	UG_KG	0	28	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.71	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	67-64-1	Acetone	16	UG_KG	0	56	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	67-66-3	Chloroform	0.56	UG_KG	0	5.6	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	67-72-1	Hexachloroethane	8.3	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	106-46-7	1,4-Dichlorobenzene	6.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	74	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	78-59-1	Isophorone	6.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	106-47-8	4-Chloroaniline	6.7	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	83-32-9	Acenaphthene	0.64	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	85-68-7	Butylbenzylphthalate	8	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	86-30-6	n-Nitrosodiphenylamine	7.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	86-73-7	Fluorene	0.86	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	87-86-5	Pentachlorophenol	9.3	UG_KG	0	190	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	88-06-2	2,4,6-Trichlorophenol	8.8	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	88-74-4	2-Nitroaniline	7.3	UG_KG	0	190	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	88-75-5	2-Nitrophenol	8.2	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	HERB	88-85-7	Dinoseb	19	UG_KG	0	74	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	91-20-3	Naphthalene	0.67	UG_KG	0	7.5	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	91-58-7	2-Chloronaphthalene	6.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	95-48-7	2-Methylphenol	9.1	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	95-50-1	1,2-Dichlorobenzene	7.8	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	95-57-8	2-Chlorophenol	7.4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	95-95-4	2,4,5-Trichlorophenol	7.6	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	98-95-3	Nitrobenzene	7.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	108-95-2	Phenol	5.4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	62-53-3	Aniline	7	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	92-52-4	1,1-Biphenyl	8.3	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.6	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	98-86-2	Acetophenone	9.6	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	12	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	117-84-0	Di-n-octylphthalate	3.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	118-74-1	Hexachlorobenzene	7.6	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	740	U	N
5/31/2008	SB	3	5	N	78SB03-02	EXPLO	99-65-0	1,3-Dinitrobenzene	4.4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	123-91-1	1,4-Dioxane	8.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	120-82-1	1,2,4-Trichlorobenzene	8.3	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	120-83-2	2,4-Dichlorophenol	9.1	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	121-14-2	2,4-Dinitrotoluene	6.6	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	70-30-4	Hexachlorophene	930	UG_KG	0	19000	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	100-02-7	4-Nitrophenol	37	UG_KG	0	190	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.4	UG_KG	0	37	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/31/2008	SB	3	5	N	78SB03-02	SVOA	930-55-2	n-Nitrosopyrrolidine	9.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	56-38-2	Parathion	8.6	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	608-93-5	Pentachlorobenzene	6.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	131-11-3	Dimethyl phthalate	7.2	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	82-68-8	Pentachloronitrobenzene	6.6	UG_KG	0	37	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	740	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	132-64-9	Dibenzofuran	4.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.5	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	87-65-0	2,6-Dichlorophenol	7.2	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	205-99-2	Benzo(b)fluoranthene	0.85	UG_KG	0	7.5	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.2	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	109-06-8	2-Picoline	13	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	122-09-8	a,a-Dimethylphenethylamine	66	UG_KG	0	7500	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	56-49-5	3-Methylcholanthrene	6.8	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	62-44-2	Phenacetin	5.3	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	101-55-3	4-Bromophenyl-phenylether	7.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	99-09-2	3-Nitroaniline	5	UG_KG	0	190	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	100-01-6	4-Nitroaniline	8.6	UG_KG	0	190	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	218-01-9	Chrysene	0.68	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	298-00-0	Methyl parathion	3.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	298-04-4	Disulfoton	6.6	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	130-15-4	1,4-Naphthoquinone	4.4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	53-96-3	2-Acetylaminofluorene	5.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	370	R	--
5/31/2008	SB	3	5	N	78SB03-02	SVOA	140-57-8	Aramite	12	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	HERB	2303-16-4	Diallate	11	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	60-51-5	Dimethoate	3.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	52-85-7	Famphur	4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	1888-71-7	Hexachloropropene	8	UG_KG	0	37	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	120-58-1	Isosafrole	7.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7500	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	59-89-2	N-Nitrosomorpholine	7.4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	100-75-4	N-Nitrosopiperidine	9.5	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	74	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	298-02-2	Phorate	9.2	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	23950-58-5	Pronamide	10	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	94-59-7	Safrole	9.3	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	100-51-6	Benzyl alcohol	8.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	50-32-8	Benzo(a)pyrene	0.74	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	51-28-5	2,4-Dinitrophenol	93	UG_KG	0	370	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	53-70-3	Dibenz(a,h)anthracene	0.66	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.5	UG_KG	0	190	UJ	N
5/31/2008	SB	3	5	N	78SB03-02	VOA	541-73-1	1,3-Dichlorobenzene	6.7	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.5	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	59-50-7	4-Chloro-3-methylphenol	8.4	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	606-20-2	2,6-Dinitrotoluene	6.9	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB04-00	METAL	7439-92-1	Lead	80	MG_KG	0	0.3	R	--
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-02-0	Nickel	13	MG_KG	0	0.2		Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-22-4	Silver	0.08	MG_KG	0	0.2	J	Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.4	U	N
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-36-0	Antimony	3.2	MG_KG	0	0.5	J	Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-38-2	Arsenic	4.1	MG_KG	0	0.5		Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-39-3	Barium	110	MG_KG	0	1		Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-41-7	Beryllium	0.24	MG_KG	0	0.1		Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-43-9	Cadmium	0.32	MG_KG	0	0.1		Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-47-3	Chromium	25	MG_KG	0	1		Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-48-4	Cobalt	22	MG_KG	0	0.1		Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-50-8	Copper	120	MG_KG	0	2		Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-62-2	Vanadium	140	MG_KG	0	1		Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-66-6	Zinc	240	MG_KG	0	4	J	Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7782-49-2	Selenium	0.14	MG_KG	0	0.5	J	Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7440-31-5	Tin	4.5	MG_KG	0	20	J	Y
5/30/2008	SS	0	1	N	78SB04-00	METAL	7439-97-6	Mercury	0.05	MG_KG	0	0.02		Y
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	11096-82-5	Aroclor-1260	5.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	11141-16-5	Aroclor-1232	8.1	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	12672-29-6	Aroclor-1248	5.5	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	12674-11-2	Aroclor-1016	4.1	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	53469-21-9	Aroclor-1242	5.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	71-43-2	Benzene	0.88	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	71-55-6	1,1,1-Trichloroethane	0.64	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	74-83-9	Bromomethane	1.8	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	74-87-3	Chloromethane	0.79	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-01-4	Vinyl chloride	0.64	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-15-0	Carbon disulfide	2.7	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-27-4	Bromodichloromethane	0.92	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-34-3	1,1-Dichloroethane	0.55	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-35-4	1,1-Dichloroethene	0.6	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.7	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.99	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	78-93-3	2-Butanone	11	UG_KG	0	28	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.6	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	106-93-4	1,2-Dibromoethane	1.7	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	108-10-1	4-Methyl-2-pentanone	3.2	UG_KG	0	28	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB04-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.1	UG_KG	0	11	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	96-18-4	1,2,3-Trichloropropane	1.6	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	108-88-3	Toluene	0.88	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	108-05-4	Vinyl acetate	1.7	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	108-90-7	Chlorobenzene	0.81	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	107-05-1	Allyl chloride	1.7	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.63	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	107-02-8	Acrolein	21	UG_KG	0	110	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	78-83-1	Isobutanol	76	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	124-48-1	Dibromochloromethane	0.55	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	126-98-7	Methacrylonitrile	27	UG_KG	0	110	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	80-62-6	Methyl methacrylate	4.1	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	127-18-4	Tetrachloroethene	0.81	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	100-41-4	Ethylbenzene	0.83	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	28	R	--
5/30/2008	SS	0	1	N	78SB04-00	VOA	75-05-8	Acetonitrile	50	UG_KG	0	220	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	100-42-5	Styrene	0.73	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	74-88-4	Iodomethane	1.1	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	107-12-0	Propionitrile	23	UG_KG	0	110	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.4	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.96	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.96	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	591-78-6	2-Hexanone	2.3	UG_KG	0	28	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.71	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	67-64-1	Acetone	71	UG_KG	0	55	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	67-66-3	Chloroform	0.55	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	67-72-1	Hexachloroethane	8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	106-46-7	1,4-Dichlorobenzene	6.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	78-59-1	Isophorone	6.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	106-47-8	4-Chloroaniline	6.4	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	83-32-9	Acenaphthene	0.61	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	180	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	85-68-7	Butylbenzylphthalate	7.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	86-30-6	n-Nitrosodiphenylamine	7.6	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	86-73-7	Fluorene	0.83	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	87-68-3	Hexachlorobutadiene	9.8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	87-86-5	Pentachlorophenol	8.9	UG_KG	0	180	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	88-06-2	2,4,6-Trichlorophenol	8.5	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	88-74-4	2-Nitroaniline	7	UG_KG	0	180	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	88-75-5	2-Nitrophenol	7.8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	HERB	88-85-7	Dinoseb	18	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	91-20-3	Naphthalene	0.73	UG_KG	0	7.2	J	Y
5/30/2008	SS	0	1	N	78SB04-00	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	91-58-7	2-Chloronaphthalene	6.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.9	UG_KG	0	71	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	95-48-7	2-Methylphenol	8.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	95-50-1	1,2-Dichlorobenzene	7.5	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	95-57-8	2-Chlorophenol	7.1	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	95-95-4	2,4,5-Trichlorophenol	7.3	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	98-95-3	Nitrobenzene	7.4	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	108-95-2	Phenol	5.3	UG_KG	0	35	J	Y
5/30/2008	SS	0	1	N	78SB04-00	SVOA	62-53-3	Aniline	6.8	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.1	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	92-52-4	1,1-Biphenyl	8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.3	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	98-86-2	Acetophenone	9.2	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	17	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	118-74-1	Hexachlorobenzene	7.3	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	710	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.2	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	123-91-1	1,4-Dioxane	8.6	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	120-82-1	1,2,4-Trichlorobenzene	8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	120-83-2	2,4-Dichlorophenol	8.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	121-14-2	2,4-Dinitrotoluene	6.3	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	70-30-4	Hexachlorophene	890	UG_KG	0	18000	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.4	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.1	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	930-55-2	n-Nitrosopyrrolidine	9.6	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.2	J	Y
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	56-38-2	Parathion	8.3	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	608-93-5	Pentachlorobenzene	6.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	131-11-3	Dimethyl phthalate	6.9	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	82-68-8	Pentachloronitrobenzene	6.3	UG_KG	0	35	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	710	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	132-64-9	Dibenzofuran	4.5	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.5	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	191-24-2	Benzo(g,h,i)perylene	12	UG_KG	0	7.2	J	Y
5/30/2008	SS	0	1	N	78SB04-00	SVOA	87-65-0	2,6-Dichlorophenol	6.9	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	205-99-2	Benzo(b)fluoranthene	0.82	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	109-06-8	2-Picoline	13	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	63	UG_KG	0	7200	UJ	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	56-49-5	3-Methylcholanthrene	6.6	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.6	UG_KG	0	35	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB04-00	SVOA	62-44-2	Phenacetin	5.1	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	101-55-3	4-Bromophenyl-phenylether	7.6	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	99-09-2	3-Nitroaniline	4.8	UG_KG	0	180	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	100-01-6	4-Nitroaniline	8.3	UG_KG	0	180	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	218-01-9	Chrysene	2	UG_KG	0	7.2	J	Y
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	298-04-4	Disulfoton	6.3	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	130-15-4	1,4-Naphthoquinone	4.2	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	53-96-3	2-Acetylaminofluorene	5.5	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/30/2008	SS	0	1	N	78SB04-00	SVOA	140-57-8	Aramite	12	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	HERB	2303-16-4	Diallate	10	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	52-85-7	Famphur	3.9	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	1888-71-7	Hexachloropropene	7.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	120-58-1	Isosafrole	7.6	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7200	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	59-89-2	N-Nitrosomorpholine	7.1	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	100-75-4	N-Nitrosopiperidine	9.1	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	71	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	298-02-2	Phorate	8.8	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	23950-58-5	Pronamide	9.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	94-59-7	Safrole	8.9	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	100-51-6	Benzyl alcohol	8.6	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	50-32-8	Benzo(a)pyrene	0.71	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	51-28-5	2,4-Dinitrophenol	89	UG_KG	0	350	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.63	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.2	UG_KG	0	180	U	N
5/30/2008	SS	0	1	N	78SB04-00	VOA	541-73-1	1,3-Dichlorobenzene	6.4	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	59-50-7	4-Chloro-3-methylphenol	8.1	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	606-20-2	2,6-Dinitrotoluene	6.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB04-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	METAL	7439-92-1	Lead	1.8	MG_KG	0	0.29	R	--
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-02-0	Nickel	6.3	MG_KG	0	0.19		Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-22-4	Silver	0.034	MG_KG	0	0.19	J	Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-28-0	Thallium	0.11	MG_KG	0	0.38	U	N
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-36-0	Antimony	0.16	MG_KG	0	0.48	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-38-2	Arsenic	0.95	MG_KG	0	0.48		Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-39-3	Barium	38	MG_KG	0	0.95		Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-41-7	Beryllium	0.15	MG_KG	0	0.095		Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-43-9	Cadmium	0.3	MG_KG	0	0.095		Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-47-3	Chromium	5.6	MG_KG	0	0.95		Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-48-4	Cobalt	12	MG_KG	0	0.095		Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-50-8	Copper	24	MG_KG	0	1.9		Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-62-2	Vanadium	70	MG_KG	0	0.95		Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-66-6	Zinc	29	MG_KG	0	3.8	J	Y
5/30/2008	SB	1	3	N	78SB04-01	METAL	7782-49-2	Selenium	0.11	MG_KG	0	0.48	U	N
5/30/2008	SB	1	3	N	78SB04-01	METAL	7440-31-5	Tin	3.8	MG_KG	0	19	U	N
5/30/2008	SB	1	3	N	78SB04-01	METAL	7439-97-6	Mercury	0.0037	MG_KG	0	0.019	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	11096-82-5	Aroclor-1260	5.1	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	11097-69-1	Aroclor-1254	2.4	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	71	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	11141-16-5	Aroclor-1232	7.9	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	12672-29-6	Aroclor-1248	5.4	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	12674-11-2	Aroclor-1016	4	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	53469-21-9	Aroclor-1242	5.1	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	71-43-2	Benzene	0.62	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	71-55-6	1,1,1-Trichloroethane	0.46	UG_KG	0	3.9	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	74-83-9	Bromomethane	1.3	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	74-87-3	Chloromethane	0.56	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	74-95-3	Dibromomethane	0.94	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-00-3	Chloroethane	0.94	UG_KG	0	3.9	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-01-4	Vinyl chloride	0.46	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-09-2	Methylene chloride	0.79	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-15-0	Carbon disulfide	0.4	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-25-2	Bromoform	0.86	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-27-4	Bromodichloromethane	0.65	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-34-3	1,1-Dichloroethane	0.39	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-35-4	1,1-Dichloroethene	0.42	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.2	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.7	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	78-87-5	1,2-Dichloropropane	0.86	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	78-93-3	2-Butanone	2.5	UG_KG	0	20	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	79-00-5	1,1,2-Trichloroethane	0.94	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	79-01-6	Trichloroethene	0.79	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.1	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	106-93-4	1,2-Dibromoethane	1.2	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	107-06-2	1,2-Dichloroethane	0.79	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	108-10-1	4-Methyl-2-pentanone	2.3	UG_KG	0	20	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.2	UG_KG	0	7.9	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	96-18-4	1,2,3-Trichloropropane	1.1	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	108-88-3	Toluene	0.62	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	108-05-4	Vinyl acetate	1.2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	108-90-7	Chlorobenzene	0.57	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	107-05-1	Allyl chloride	1.2	UG_KG	0	3.9	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.45	UG_KG	0	3.9	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	107-02-8	Acrolein	15	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	107-13-1	Acrylonitrile	18	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	97-63-2	Ethyl methacrylate	1.7	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	78-83-1	Isobutanol	54	UG_KG	0	160	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	124-48-1	Dibromochloromethane	0.39	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	126-98-7	Methacrylonitrile	19	UG_KG	0	79	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	80-62-6	Methyl methacrylate	2.9	UG_KG	0	3.9	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	127-18-4	Tetrachloroethene	0.57	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	1330-20-7	Xylene, total	1.8	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	100-41-4	Ethylbenzene	0.59	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	156-60-5	trans-1,2-Dichloroethene	0.76	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	76-01-7	Pentachloroethane	1.7	UG_KG	0	20	R	--
5/30/2008	SB	1	3	N	78SB04-01	VOA	75-05-8	Acetonitrile	35	UG_KG	0	160	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	100-42-5	Styrene	0.52	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	74-88-4	Iodomethane	0.79	UG_KG	0	3.9	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	107-12-0	Propionitrile	16	UG_KG	0	79	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB04-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	2.4	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	10061-01-5	cis-1,3-Dichloropropene	0.68	UG_KG	0	3.9	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	56-23-5	Carbon tetrachloride	0.79	UG_KG	0	3.9	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	10061-02-6	trans-1,3-Dichloropropene	0.68	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	591-78-6	2-Hexanone	1.6	UG_KG	0	20	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.5	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	67-64-1	Acetone	14	UG_KG	0	39	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	67-66-3	Chloroform	0.39	UG_KG	0	3.9	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	67-72-1	Hexachloroethane	7.9	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	106-46-7	1,4-Dichlorobenzene	6.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	78-59-1	Isophorone	6.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	106-47-8	4-Chloroaniline	6.4	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	83-32-9	Acenaphthene	0.61	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	180	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	85-68-7	Butylbenzylphthalate	7.7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	86-30-6	n-Nitrosodiphenylamine	7.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	86-73-7	Fluorene	0.82	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	87-68-3	Hexachlorobutadiene	9.7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	87-86-5	Pentachlorophenol	8.9	UG_KG	0	180	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	88-06-2	2,4,6-Trichlorophenol	8.4	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	88-74-4	2-Nitroaniline	6.9	UG_KG	0	180	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	88-75-5	2-Nitrophenol	7.8	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	HERB	88-85-7	Dinoseb	18	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	91-20-3	Naphthalene	0.64	UG_KG	0	7.1	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	91-58-7	2-Chloronaphthalene	6.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.8	UG_KG	0	70	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	95-48-7	2-Methylphenol	8.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	95-50-1	1,2-Dichlorobenzene	7.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	95-57-8	2-Chlorophenol	7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	95-95-4	2,4,5-Trichlorophenol	7.3	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	98-95-3	Nitrobenzene	7.4	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	108-95-2	Phenol	5.1	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	62-53-3	Aniline	6.7	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.1	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	92-52-4	1,1-Biphenyl	7.9	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.3	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	98-86-2	Acetophenone	9.2	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	5.1	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	118-74-1	Hexachlorobenzene	7.3	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	700	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.2	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	123-91-1	1,4-Dioxane	8.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	120-82-1	1,2,4-Trichlorobenzene	7.9	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	120-83-2	2,4-Dichlorophenol	8.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	121-14-2	2,4-Dinitrotoluene	6.3	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	70-30-4	Hexachlorophene	890	UG_KG	0	18000	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	95-53-4	2-Methylaniline	9.9	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.4	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	62-75-9	n-Nitrosodimethylamine	10	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.1	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	930-55-2	n-Nitrosopyrrolidine	9.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	56-38-2	Parathion	8.2	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	608-93-5	Pentachlorobenzene	6.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	131-11-3	Dimethyl phthalate	6.8	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	82-68-8	Pentachloronitrobenzene	6.3	UG_KG	0	35	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	700	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	132-64-9	Dibenzofuran	4.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7.1	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	87-65-0	2,6-Dichlorophenol	6.8	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.81	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.8	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	109-06-8	2-Picoline	13	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	63	UG_KG	0	7100	UJ	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	56-49-5	3-Methylcholanthrene	6.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	9.9	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	62-44-2	Phenacetin	5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	66-27-3	Methyl methanesulfonate	9.9	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	101-55-3	4-Bromophenyl-phenylether	7.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	99-09-2	3-Nitroaniline	4.8	UG_KG	0	180	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	100-01-6	4-Nitroaniline	8.2	UG_KG	0	180	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	218-01-9	Chrysene	0.65	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	298-04-4	Disulfoton	6.3	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	130-15-4	1,4-Naphthoquinone	4.2	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	53-96-3	2-Acetylaminofluorene	5.4	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/30/2008	SB	1	3	N	78SB04-01	SVOA	140-57-8	Aramite	12	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	HERB	2303-16-4	Diallate	10	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	52-85-7	Famphur	3.8	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	1888-71-7	Hexachloropropene	7.7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	120-58-1	Isosafrole	7.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	91-80-5	Methapyrilene	9.9	UG_KG	0	7100	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	59-89-2	N-Nitrosomorpholine	7	UG_KG	0	35	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB04-01	SVOA	100-75-4	N-Nitrosopiperidine	9.1	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	70	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	298-02-2	Phorate	8.7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	23950-58-5	Pronamide	9.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	94-59-7	Safrole	8.9	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	100-51-6	Benzyl alcohol	8.5	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	50-32-8	Benzo(a)pyrene	0.7	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	51-28-5	2,4-Dinitrophenol	89	UG_KG	0	350	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.63	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.2	UG_KG	0	180	U	N
5/30/2008	SB	1	3	N	78SB04-01	VOA	541-73-1	1,3-Dichlorobenzene	6.4	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7.1	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	606-20-2	2,6-Dinitrotoluene	6.6	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	6.9	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	METAL	7439-92-1	Lead	1.2	MG_KG	0	0.3	R	--
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-02-0	Nickel	4.8	MG_KG	0	0.2		Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-22-4	Silver	0.036	MG_KG	0	0.2	J	Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.4	U	N
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-36-0	Antimony	0.11	MG_KG	0	0.5	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-38-2	Arsenic	0.4	MG_KG	0	0.5	U	N
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-39-3	Barium	22	MG_KG	0	1		Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-41-7	Beryllium	0.12	MG_KG	0	0.1		Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-43-9	Cadmium	0.069	MG_KG	0	0.1	J	Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-47-3	Chromium	9.1	MG_KG	0	1		Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-48-4	Cobalt	6.6	MG_KG	0	0.1		Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-50-8	Copper	16	MG_KG	0	2		Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-62-2	Vanadium	55	MG_KG	0	1		Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-66-6	Zinc	24	MG_KG	0	4	J	Y
5/30/2008	SB	3	5	N	78SB04-02	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.5	U	N
5/30/2008	SB	3	5	N	78SB04-02	METAL	7440-31-5	Tin	4	MG_KG	0	20	U	N
5/30/2008	SB	3	5	N	78SB04-02	METAL	7439-97-6	Mercury	0.004	MG_KG	0	0.02	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	11096-82-5	Aroclor-1260	5.1	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	71	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	11141-16-5	Aroclor-1232	8	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	12672-29-6	Aroclor-1248	5.4	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	12674-11-2	Aroclor-1016	4.1	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	53469-21-9	Aroclor-1242	5.1	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	71-43-2	Benzene	0.65	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	71-55-6	1,1,1-Trichloroethane	0.48	UG_KG	0	4.1	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	74-83-9	Bromomethane	1.3	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	74-87-3	Chloromethane	0.59	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	74-95-3	Dibromomethane	0.99	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-00-3	Chloroethane	0.99	UG_KG	0	4.1	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-01-4	Vinyl chloride	0.48	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-09-2	Methylene chloride	0.83	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-15-0	Carbon disulfide	0.42	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-25-2	Bromoform	0.91	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-27-4	Bromodichloromethane	0.69	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-34-3	1,1-Dichloroethane	0.41	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-35-4	1,1-Dichloroethene	0.45	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.2	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.74	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	78-87-5	1,2-Dichloropropane	0.91	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	78-93-3	2-Butanone	2.2	UG_KG	0	21	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	79-00-5	1,1,2-Trichloroethane	0.99	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	79-01-6	Trichloroethene	0.83	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.2	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	106-93-4	1,2-Dibromoethane	1.2	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	107-06-2	1,2-Dichloroethane	0.83	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	108-10-1	4-Methyl-2-pentanone	2.4	UG_KG	0	21	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.3	UG_KG	0	8.3	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	96-18-4	1,2,3-Trichloropropane	1.2	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	108-88-3	Toluene	0.65	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	108-05-4	Vinyl acetate	1.2	UG_KG	0	8.3	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	108-90-7	Chlorobenzene	0.6	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	107-05-1	Allyl chloride	1.2	UG_KG	0	4.1	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	126-99-8	2-Chloro-1,3-butadiene	0.47	UG_KG	0	4.1	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	107-02-8	Acrolein	16	UG_KG	0	83	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	107-13-1	Acrylonitrile	19	UG_KG	0	83	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	97-63-2	Ethyl methacrylate	1.8	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	78-83-1	Isobutanol	57	UG_KG	0	170	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	124-48-1	Dibromochloromethane	0.41	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	126-98-7	Methacrylonitrile	20	UG_KG	0	83	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	80-62-6	Methyl methacrylate	3.1	UG_KG	0	4.1	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	127-18-4	Tetrachloroethene	0.6	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	1330-20-7	Xylene, total	1.9	UG_KG	0	8.3	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	100-41-4	Ethylbenzene	0.62	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	156-60-5	trans-1,2-Dichloroethene	0.8	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	76-01-7	Pentachloroethane	1.8	UG_KG	0	21	R	--
5/30/2008	SB	3	5	N	78SB04-02	VOA	75-05-8	Acetonitrile	37	UG_KG	0	170	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	100-42-5	Styrene	0.55	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	74-88-4	Iodomethane	0.83	UG_KG	0	4.1	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	107-12-0	Propionitrile	17	UG_KG	0	83	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	110-57-6	trans-1,4-Dichloro-2-butene	2.6	UG_KG	0	8.3	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	10061-01-5	cis-1,3-Dichloropropene	0.72	UG_KG	0	4.1	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	56-23-5	Carbon tetrachloride	0.83	UG_KG	0	4.1	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	10061-02-6	trans-1,3-Dichloropropene	0.72	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	591-78-6	2-Hexanone	1.7	UG_KG	0	21	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.53	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	67-64-1	Acetone	8.4	UG_KG	0	41	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	67-66-3	Chloroform	0.41	UG_KG	0	4.1	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	67-72-1	Hexachloroethane	7.9	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.7	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	71	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	106-46-7	1,4-Dichlorobenzene	6.7	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	71	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	78-59-1	Isophorone	6.7	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	106-47-8	4-Chloroaniline	6.4	UG_KG	0	71	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	83-32-9	Acenaphthene	0.61	UG_KG	0	7.2	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	180	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	85-68-7	Butylbenzylphthalate	7.7	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	86-30-6	n-Nitrosodiphenylamine	7.6	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	86-73-7	Fluorene	0.83	UG_KG	0	7.2	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	87-68-3	Hexachlorobutadiene	9.8	UG_KG	0	35	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	3	5	N	78SB04-02	SVOA	87-86-5	Pentachlorophenol	8.9	UG_KG	0	180	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	88-06-2	2,4,6-Trichlorophenol	8.5	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	88-74-4	2-Nitroaniline	7	UG_KG	0	180	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	88-75-5	2-Nitrophenol	7.8	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	HERB	88-85-7	Dinoseb	18	UG_KG	0	71	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	91-20-3	Naphthalene	0.64	UG_KG	0	7.2	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	91-58-7	2-Chloronaphthalene	6.7	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.9	UG_KG	0	71	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	95-48-7	2-Methylphenol	8.7	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	95-50-1	1,2-Dichlorobenzene	7.5	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	95-57-8	2-Chlorophenol	7.1	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	95-95-4	2,4,5-Trichlorophenol	7.3	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	98-95-3	Nitrobenzene	7.4	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.8	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	108-95-2	Phenol	5.2	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	62-53-3	Aniline	6.8	UG_KG	0	71	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.1	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	92-52-4	1,1-Biphenyl	7.9	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.3	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	98-86-2	Acetophenone	9.2	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	27	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	118-74-1	Hexachlorobenzene	7.3	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	710	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	EXPLO	99-65-0	1,3-Dinitrobenzene	4.2	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	123-91-1	1,4-Dioxane	8.6	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	120-82-1	1,2,4-Trichlorobenzene	7.9	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	120-83-2	2,4-Dichlorophenol	8.7	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	121-14-2	2,4-Dinitrotoluene	6.3	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	70-30-4	Hexachlorophene	890	UG_KG	0	18000	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.4	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.8	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	71	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.1	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	930-55-2	n-Nitrosopyrrolidine	9.6	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7.2	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	56-38-2	Parathion	8.3	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	608-93-5	Pentachlorobenzene	6.7	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	131-11-3	Dimethyl phthalate	6.9	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	82-68-8	Pentachloronitrobenzene	6.3	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	710	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	132-64-9	Dibenzofuran	4.5	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.8	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.5	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	71	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7.2	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	87-65-0	2,6-Dichlorophenol	6.9	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	205-99-2	Benzo(b)fluoranthene	0.82	UG_KG	0	7.2	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	71	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.8	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	109-06-8	2-Picoline	13	UG_KG	0	71	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	122-09-8	a,a-Dimethylphenethylamine	63	UG_KG	0	7200	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	56-49-5	3-Methylcholanthrene	6.5	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.6	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	62-44-2	Phenacetin	5	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	71	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	101-55-3	4-Bromophenyl-phenylether	7.6	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	99-09-2	3-Nitroaniline	4.8	UG_KG	0	180	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	100-01-6	4-Nitroaniline	8.3	UG_KG	0	180	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.2	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	218-01-9	Chrysene	0.65	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	298-04-4	Disulfoton	6.3	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	130-15-4	1,4-Naphthoquinone	4.2	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	53-96-3	2-Acetylaminofluorene	5.5	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	71	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/30/2008	SB	3	5	N	78SB04-02	SVOA	140-57-8	Aramite	12	UG_KG	0	71	U	N
5/30/2008	SB	3	5	N	78SB04-02	HERB	2303-16-4	Diallate	10	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	52-85-7	Famphur	3.9	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	1888-71-7	Hexachloropropene	7.7	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	120-58-1	Isosafrole	7.6	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7200	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	59-89-2	N-Nitrosomorpholine	7.1	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	100-75-4	N-Nitrosopiperidine	9.1	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	71	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	298-02-2	Phorate	8.8	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	23950-58-5	Pronamide	9.7	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	94-59-7	Safrole	8.9	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	100-51-6	Benzyl alcohol	8.6	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	50-32-8	Benzo(a)pyrene	0.71	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	51-28-5	2,4-Dinitrophenol	89	UG_KG	0	350	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	53-70-3	Dibenz(a,h)anthracene	0.63	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.2	UG_KG	0	180	U	N
5/30/2008	SB	3	5	N	78SB04-02	VOA	541-73-1	1,3-Dichlorobenzene	6.4	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	59-50-7	4-Chloro-3-methylphenol	8.1	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	606-20-2	2,6-Dinitrotoluene	6.7	UG_KG	0	35	UJ	N
5/30/2008	SB	3	5	N	78SB04-02	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB05-00	METAL	7439-92-1	Lead	13	MG_KG	0	0.32		Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-02-0	Nickel	9.1	MG_KG	0	0.21		Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-22-4	Silver	0.062	MG_KG	0	0.21	J	Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.42	U	N
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-36-0	Antimony	0.22	MG_KG	0	0.53	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-38-2	Arsenic	1.1	MG_KG	0	0.53		Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-39-3	Barium	82	MG_KG	0	1.1		Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-41-7	Beryllium	0.28	MG_KG	0	0.11		Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-43-9	Cadmium	0.17	MG_KG	0	0.11		Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-47-3	Chromium	16	MG_KG	0	1.1	J	Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-48-4	Cobalt	15	MG_KG	0	0.11		Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-50-8	Copper	93	MG_KG	0	2.1		Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-62-2	Vanadium	130	MG_KG	0	1.1		Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-66-6	Zinc	110	MG_KG	0	4.2	J	Y
5/30/2008	SS	0	1	N	78SB05-00	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.53	U	N
5/30/2008	SS	0	1	N	78SB05-00	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/30/2008	SS	0	1	N	78SB05-00	METAL	7439-97-6	Mercury	0.0042	MG_KG	0	0.021	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	11096-82-5	Aroclor-1260	5.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	11141-16-5	Aroclor-1232	8.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	12672-29-6	Aroclor-1248	6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	12674-11-2	Aroclor-1016	4.5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	53469-21-9	Aroclor-1242	5.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	71-43-2	Benzene	0.87	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	71-55-6	1,1,1-Trichloroethane	0.64	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	74-83-9	Bromomethane	1.8	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	74-87-3	Chloromethane	0.78	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-01-4	Vinyl chloride	0.64	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-15-0	Carbon disulfide	0.56	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-27-4	Bromodichloromethane	0.91	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-34-3	1,1-Dichloroethane	0.55	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-35-4	1,1-Dichloroethene	0.59	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.7	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.98	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	78-93-3	2-Butanone	13	UG_KG	0	28	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	106-93-4	1,2-Dibromoethane	1.7	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	108-10-1	4-Methyl-2-pentanone	3.2	UG_KG	0	28	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.1	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	108-88-3	Toluene	0.87	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	108-05-4	Vinyl acetate	1.7	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	108-90-7	Chlorobenzene	0.8	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	107-05-1	Allyl chloride	1.7	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.63	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	107-02-8	Acrolein	21	UG_KG	0	110	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	78-83-1	Isobutanol	76	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	124-48-1	Dibromochloromethane	0.55	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	80-62-6	Methyl methacrylate	4.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	127-18-4	Tetrachloroethene	0.8	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	100-41-4	Ethylbenzene	0.83	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	28	R	--
5/30/2008	SS	0	1	N	78SB05-00	VOA	75-05-8	Acetonitrile	50	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	100-42-5	Styrene	0.73	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	74-88-4	Iodomethane	1.4	UG_KG	0	5.5	J	Y
5/30/2008	SS	0	1	N	78SB05-00	VOA	107-12-0	Propionitrile	23	UG_KG	0	110	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.4	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.96	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.96	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	591-78-6	2-Hexanone	2.3	UG_KG	0	28	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.71	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	67-64-1	Acetone	200	UG_KG	0	55		Y
5/30/2008	SS	0	1	N	78SB05-00	VOA	67-66-3	Chloroform	0.55	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	67-72-1	Hexachloroethane	8.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	106-46-7	1,4-Dichlorobenzene	7.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	77-47-4	Hexachlorocyclopentadiene	17	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	78-59-1	Isophorone	7.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	106-47-8	4-Chloroaniline	7.1	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	83-32-9	Acenaphthene	0.67	UG_KG	0	7.9	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	84-74-2	Di-n-butylphthalate	30	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	7.9	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	85-68-7	Butylbenzylphthalate	8.5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	86-30-6	n-Nitrosodiphenylamine	8.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	86-73-7	Fluorene	0.91	UG_KG	0	7.9	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	87-86-5	Pentachlorophenol	9.8	UG_KG	0	200	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	88-06-2	2,4,6-Trichlorophenol	9.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	88-74-4	2-Nitroaniline	7.7	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	88-75-5	2-Nitrophenol	8.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	HERB	88-85-7	Dinoseb	20	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	91-20-3	Naphthalene	0.92	UG_KG	0	7.9	J	Y
5/30/2008	SS	0	1	N	78SB05-00	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.9	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	91-58-7	2-Chloronaphthalene	7.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	95-48-7	2-Methylphenol	9.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	95-50-1	1,2-Dichlorobenzene	8.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	95-57-8	2-Chlorophenol	7.8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	95-95-4	2,4,5-Trichlorophenol	8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	98-95-3	Nitrobenzene	8.2	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	108-95-2	Phenol	5.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	62-53-3	Aniline	7.4	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	92-52-4	1,1-Biphenyl	8.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	98-86-2	Acetophenone	10	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	16	UG_KG	0	39	J	Y
5/30/2008	SS	0	1	N	78SB05-00	SVOA	117-84-0	Di-n-octylphthalate	3.9	UG_KG	0	39	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB05-00	SVOA	118-74-1	Hexachlorobenzene	8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.9	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	780	U	N
5/30/2008	SS	0	1	N	78SB05-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	123-91-1	1,4-Dioxane	9.5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	120-82-1	1,2,4-Trichlorobenzene	8.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	120-83-2	2,4-Dichlorophenol	9.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	121-14-2	2,4-Dinitrotoluene	7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	70-30-4	Hexachlorophene	980	UG_KG	0	20000	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	100-02-7	4-Nitrophenol	39	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.1	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	62-75-9	n-Nitrosodimethylamine	12	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	930-55-2	n-Nitrosopyrrolidine	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	129-00-0	Pyrene	5.5	UG_KG	0	7.9	J	Y
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	56-38-2	Parathion	9.1	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	608-93-5	Pentachlorobenzene	7.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	131-11-3	Dimethyl phthalate	7.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	82-68-8	Pentachloronitrobenzene	7	UG_KG	0	39	R	--
5/30/2008	SS	0	1	N	78SB05-00	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	780	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	132-64-9	Dibenzofuran	5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	191-24-2	Benzo(g,h,i)perylene	3.7	UG_KG	0	7.9	J	Y
5/30/2008	SS	0	1	N	78SB05-00	SVOA	87-65-0	2,6-Dichlorophenol	7.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.6	UG_KG	0	7.9	J	Y
5/30/2008	SS	0	1	N	78SB05-00	SVOA	205-99-2	Benzo(b)fluoranthene	7.3	UG_KG	0	7.9	J	Y
5/30/2008	SS	0	1	N	78SB05-00	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	109-06-8	2-Picoline	14	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	70	UG_KG	0	7900	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	56-49-5	3-Methylcholanthrene	7.2	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	206-44-0	Fluoranthene	6.2	UG_KG	0	7.9	J	Y
5/30/2008	SS	0	1	N	78SB05-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	62-44-2	Phenacetin	5.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	101-55-3	4-Bromophenyl-phenylether	8.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.9	UJ	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	99-09-2	3-Nitroaniline	5.3	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	100-01-6	4-Nitroaniline	9.1	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.9	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	218-01-9	Chrysene	5	UG_KG	0	7.9	J	Y
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	298-00-0	Methyl parathion	3.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	298-04-4	Disulfoton	7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	130-15-4	1,4-Naphthoquinone	4.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	53-96-3	2-Acetylaminofluorene	6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	91-59-8	2-Naphthylamine	24	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	390	R	--
5/30/2008	SS	0	1	N	78SB05-00	SVOA	140-57-8	Aramite	13	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	HERB	2303-16-4	Diallate	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	60-51-5	Dimethoate	3.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	52-85-7	Famphur	4.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	1888-71-7	Hexachloropropene	8.5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	120-58-1	Isosafrole	8.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7900	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	59-89-2	N-Nitrosomorpholine	7.8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	100-75-4	N-Nitrosopiperidine	10	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	78	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	298-02-2	Phorate	9.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	23950-58-5	Pronamide	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	94-59-7	Safrole	9.8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	100-51-6	Benzyl alcohol	9.5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	50-32-8	Benzo(a)pyrene	3.7	UG_KG	0	7.9	J	Y
5/30/2008	SS	0	1	N	78SB05-00	SVOA	51-28-5	2,4-Dinitrophenol	98	UG_KG	0	390	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.7	UG_KG	0	7.9	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.9	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB05-00	VOA	541-73-1	1,3-Dichlorobenzene	7.1	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	56-55-3	Benzo(a)anthracene	4.5	UG_KG	0	7.9	J	Y
5/30/2008	SS	0	1	N	78SB05-00	SVOA	59-50-7	4-Chloro-3-methylphenol	8.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	606-20-2	2,6-Dinitrotoluene	7.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB05-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	METAL	7439-92-1	Lead	0.96	MG_KG	0	0.33		Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-02-0	Nickel	5.7	MG_KG	0	0.22		Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-22-4	Silver	0.025	MG_KG	0	0.22	J	Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.44	U	N
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-36-0	Antimony	0.082	MG_KG	0	0.55	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-38-2	Arsenic	0.68	MG_KG	0	0.55		Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-39-3	Barium	27	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-41-7	Beryllium	0.13	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-43-9	Cadmium	0.035	MG_KG	0	0.11	J	Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-47-3	Chromium	5.7	MG_KG	0	1.1	J	Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-48-4	Cobalt	9	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-50-8	Copper	84	MG_KG	0	2.2		Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-62-2	Vanadium	71	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-66-6	Zinc	22	MG_KG	0	4.4	J	Y
5/30/2008	SB	1	3	N	78SB05-01	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.55	U	N
5/30/2008	SB	1	3	N	78SB05-01	METAL	7440-31-5	Tin	4.4	MG_KG	0	22	U	N
5/30/2008	SB	1	3	N	78SB05-01	METAL	7439-97-6	Mercury	0.0046	MG_KG	0	0.023	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	11096-82-5	Aroclor-1260	5.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	11141-16-5	Aroclor-1232	8.8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	12672-29-6	Aroclor-1248	6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	12674-11-2	Aroclor-1016	4.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	53469-21-9	Aroclor-1242	5.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	71-43-2	Benzene	0.97	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	71-55-6	1,1,1-Trichloroethane	0.72	UG_KG	0	6.2	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	74-83-9	Bromomethane	2	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	74-87-3	Chloromethane	0.88	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	74-95-3	Dibromomethane	1.5	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-00-3	Chloroethane	1.5	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-01-4	Vinyl chloride	0.72	UG_KG	0	6.2	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-09-2	Methylene chloride	1.2	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-15-0	Carbon disulfide	0.63	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-25-2	Bromoform	1.4	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-27-4	Bromodichloromethane	1	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-34-3	1,1-Dichloroethane	0.62	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-35-4	1,1-Dichloroethene	0.67	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.9	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	78-87-5	1,2-Dichloropropane	1.4	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	78-93-3	2-Butanone	4.4	UG_KG	0	31	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	79-00-5	1,1,2-Trichloroethane	1.5	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	79-01-6	Trichloroethene	1.2	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.7	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	106-93-4	1,2-Dibromoethane	1.9	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	107-06-2	1,2-Dichloroethane	1.2	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	108-10-1	4-Methyl-2-pentanone	3.6	UG_KG	0	31	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.5	UG_KG	0	12	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	96-18-4	1,2,3-Trichloropropane	1.7	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	108-88-3	Toluene	0.97	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	108-05-4	Vinyl acetate	1.9	UG_KG	0	12	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	108-90-7	Chlorobenzene	0.9	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	107-05-1	Allyl chloride	1.9	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.7	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	107-02-8	Acrolein	23	UG_KG	0	120	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	107-13-1	Acrylonitrile	28	UG_KG	0	120	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	97-63-2	Ethyl methacrylate	2.7	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	78-83-1	Isobutanol	85	UG_KG	0	250	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	124-48-1	Dibromochloromethane	0.62	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	126-98-7	Methacrylonitrile	30	UG_KG	0	120	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	80-62-6	Methyl methacrylate	4.6	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	127-18-4	Tetrachloroethene	0.9	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	1330-20-7	Xylene, total	2.8	UG_KG	0	12	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	100-41-4	Ethylbenzene	0.93	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	76-01-7	Pentachloroethane	2.7	UG_KG	0	31	R	--
5/30/2008	SB	1	3	N	78SB05-01	VOA	75-05-8	Acetonitrile	56	UG_KG	0	250	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	100-42-5	Styrene	0.81	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	74-88-4	Iodomethane	1.2	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	107-12-0	Propionitrile	26	UG_KG	0	120	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.8	UG_KG	0	12	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	10061-01-5	cis-1,3-Dichloropropene	1.1	UG_KG	0	6.2	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	56-23-5	Carbon tetrachloride	1.2	UG_KG	0	6.2	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	10061-02-6	trans-1,3-Dichloropropene	1.1	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	591-78-6	2-Hexanone	2.6	UG_KG	0	31	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.79	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	67-64-1	Acetone	48	UG_KG	0	62	J	Y
5/30/2008	SB	1	3	N	78SB05-01	VOA	67-66-3	Chloroform	0.62	UG_KG	0	6.2	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	67-72-1	Hexachloroethane	8.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	106-46-7	1,4-Dichlorobenzene	7.8	UG_KG	0	39	J	Y
5/30/2008	SB	1	3	N	78SB05-01	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	78-59-1	Isophorone	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	106-47-8	4-Chloroaniline	7.1	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	83-32-9	Acenaphthene	0.67	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	84-74-2	Di-n-butylphthalate	29	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	85-68-7	Butylbenzylphthalate	8.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	86-30-6	n-Nitrosodiphenylamine	8.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	86-73-7	Fluorene	0.91	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	87-86-5	Pentachlorophenol	9.8	UG_KG	0	200	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	88-06-2	2,4,6-Trichlorophenol	9.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	88-74-4	2-Nitroaniline	7.7	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	88-75-5	2-Nitrophenol	8.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	HERB	88-85-7	Dinoseb	20	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	91-20-3	Naphthalene	0.71	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	91-58-7	2-Chloronaphthalene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	78	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	95-48-7	2-Methylphenol	9.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	95-50-1	1,2-Dichlorobenzene	8.2	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	95-57-8	2-Chlorophenol	7.8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	95-95-4	2,4,5-Trichlorophenol	8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	98-95-3	Nitrobenzene	8.1	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	108-95-2	Phenol	5.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	62-53-3	Aniline	7.4	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	92-52-4	1,1-Biphenyl	8.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	98-86-2	Acetophenone	10	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	11	UG_KG	0	39	J	Y
5/30/2008	SB	1	3	N	78SB05-01	SVOA	117-84-0	Di-n-octylphthalate	3.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	118-74-1	Hexachlorobenzene	8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	780	U	N
5/30/2008	SB	1	3	N	78SB05-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	123-91-1	1,4-Dioxane	9.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	120-83-2	2,4-Dichlorophenol	9.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	121-14-2	2,4-Dinitrotoluene	7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	70-30-4	Hexachlorophene	980	UG_KG	0	20000	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	100-02-7	4-Nitrophenol	39	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.1	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	62-75-9	n-Nitrosodimethylamine	12	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	129-00-0	Pyrene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	56-38-2	Parathion	9.1	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	608-93-5	Pentachlorobenzene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	131-11-3	Dimethyl phthalate	7.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	82-68-8	Pentachloronitrobenzene	7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	780	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB05-01	SVOA	132-64-9	Dibenzofuran	4.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	87-65-0	2,6-Dichlorophenol	7.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.9	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.9	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	109-06-8	2-Picoline	14	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	70	UG_KG	0	7900	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	56-49-5	3-Methylcholanthrene	7.2	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	62-44-2	Phenacetin	5.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	101-55-3	4-Bromophenyl-phenylether	8.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.9	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	99-09-2	3-Nitroaniline	5.3	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	100-01-6	4-Nitroaniline	9.1	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	218-01-9	Chrysene	0.72	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	298-00-0	Methyl parathion	3.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	298-04-4	Disulfoton	7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	130-15-4	1,4-Naphthoquinone	4.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	53-96-3	2-Acetylaminofluorene	6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	91-59-8	2-Naphthylamine	24	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	390	R	--
5/30/2008	SB	1	3	N	78SB05-01	SVOA	140-57-8	Aramite	13	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	HERB	2303-16-4	Diallate	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	60-51-5	Dimethoate	3.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	52-85-7	Famphur	4.2	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	1888-71-7	Hexachloropropene	8.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	120-58-1	Isosafrole	8.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7900	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	59-89-2	N-Nitrosomorpholine	7.8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	100-75-4	N-Nitrosopiperidine	10	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	298-02-2	Phorate	9.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	23950-58-5	Pronamide	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	94-59-7	Safrole	9.8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	100-51-6	Benzyl alcohol	9.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	50-32-8	Benzo(a)pyrene	0.78	UG_KG	0	7.9	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	51-28-5	2,4-Dinitrophenol	98	UG_KG	0	390	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.7	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.8	UG_KG	0	200	UJ	N
5/30/2008	SB	1	3	N	78SB05-01	VOA	541-73-1	1,3-Dichlorobenzene	7.1	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	606-20-2	2,6-Dinitrotoluene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB06-00	METAL	7439-92-1	Lead	1.8	MG_KG	0	0.36		Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-02-0	Nickel	24	MG_KG	0	0.24		Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-22-4	Silver	0.039	MG_KG	0	0.24	J	Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-28-0	Thallium	0.14	MG_KG	0	0.48	U	N
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-36-0	Antimony	0.089	MG_KG	0	0.6	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-38-2	Arsenic	1	MG_KG	0	0.6		Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-39-3	Barium	85	MG_KG	0	1.2		Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-41-7	Beryllium	0.3	MG_KG	0	0.12		Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-43-9	Cadmium	0.094	MG_KG	0	0.12	J	Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-47-3	Chromium	18	MG_KG	0	1.2	J	Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-48-4	Cobalt	26	MG_KG	0	0.12		Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-50-8	Copper	190	MG_KG	0	2.4		Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-62-2	Vanadium	410	MG_KG	0	1.2		Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-66-6	Zinc	85	MG_KG	0	4.8	J	Y
5/30/2008	SS	0	1	N	78SB06-00	METAL	7782-49-2	Selenium	0.14	MG_KG	0	0.6	U	N
5/30/2008	SS	0	1	N	78SB06-00	METAL	7440-31-5	Tin	4.8	MG_KG	0	24	U	N
5/30/2008	SS	0	1	N	78SB06-00	METAL	7439-97-6	Mercury	0.0051	MG_KG	0	0.026	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	11096-82-5	Aroclor-1260	6.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	11097-69-1	Aroclor-1254	3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	11104-28-2	Aroclor-1221	17	UG_KG	0	87	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	11141-16-5	Aroclor-1232	9.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	12672-29-6	Aroclor-1248	6.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	12674-11-2	Aroclor-1016	4.9	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	53469-21-9	Aroclor-1242	6.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	71-43-2	Benzene	0.98	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	71-55-6	1,1,1-Trichloroethane	0.72	UG_KG	0	6.2	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	74-83-9	Bromomethane	2	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	74-87-3	Chloromethane	0.88	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	74-95-3	Dibromomethane	1.5	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-00-3	Chloroethane	1.5	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-01-4	Vinyl chloride	0.72	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-09-2	Methylene chloride	1.2	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-15-0	Carbon disulfide	0.63	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-25-2	Bromoform	1.4	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-27-4	Bromodichloromethane	1	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-34-3	1,1-Dichloroethane	0.62	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-35-4	1,1-Dichloroethene	0.67	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.9	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	78-87-5	1,2-Dichloropropane	1.4	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	78-93-3	2-Butanone	3.3	UG_KG	0	31	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	79-00-5	1,1,2-Trichloroethane	1.5	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	79-01-6	Trichloroethene	1.2	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.7	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	106-93-4	1,2-Dibromoethane	1.9	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	107-06-2	1,2-Dichloroethane	1.2	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	108-10-1	4-Methyl-2-pentanone	3.6	UG_KG	0	31	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.5	UG_KG	0	12	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	96-18-4	1,2,3-Trichloropropane	1.7	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	108-88-3	Toluene	0.98	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	108-05-4	Vinyl acetate	1.9	UG_KG	0	12	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	108-90-7	Chlorobenzene	0.9	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	107-05-1	Allyl chloride	1.9	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.71	UG_KG	0	6.2	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB06-00	VOA	107-02-8	Acrolein	24	UG_KG	0	120	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	107-13-1	Acrylonitrile	28	UG_KG	0	120	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	97-63-2	Ethyl methacrylate	2.7	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	78-83-1	Isobutanol	85	UG_KG	0	250	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	124-48-1	Dibromochloromethane	0.62	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	126-98-7	Methacrylonitrile	30	UG_KG	0	120	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	80-62-6	Methyl methacrylate	4.6	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	127-18-4	Tetrachloroethene	0.9	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	1330-20-7	Xylene, total	2.8	UG_KG	0	12	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	100-41-4	Ethylbenzene	0.93	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	76-01-7	Pentachloroethane	2.7	UG_KG	0	31	R	--
5/30/2008	SS	0	1	N	78SB06-00	VOA	75-05-8	Acetonitrile	56	UG_KG	0	250	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	100-42-5	Styrene	0.82	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	74-88-4	Iodomethane	1.2	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	107-12-0	Propionitrile	26	UG_KG	0	120	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.8	UG_KG	0	12	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	10061-01-5	cis-1,3-Dichloropropene	1.1	UG_KG	0	6.2	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	56-23-5	Carbon tetrachloride	1.2	UG_KG	0	6.2	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	10061-02-6	trans-1,3-Dichloropropene	1.1	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	591-78-6	2-Hexanone	2.6	UG_KG	0	31	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.79	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	67-64-1	Acetone	37	UG_KG	0	62	J	Y
5/30/2008	SS	0	1	N	78SB06-00	VOA	67-66-3	Chloroform	0.62	UG_KG	0	6.2	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	67-72-1	Hexachloroethane	9.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	105-67-9	2,4-Dimethylphenol	22	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	106-46-7	1,4-Dichlorobenzene	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	77-47-4	Hexachlorocyclopentadiene	18	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	78-59-1	Isophorone	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	106-47-8	4-Chloroaniline	7.9	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	83-32-9	Acenaphthene	0.75	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	84-66-2	Diethylphthalate	14	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	84-74-2	Di-n-butylphthalate	33	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	85-01-8	Phenanthrene	2.2	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	85-68-7	Butylbenzylphthalate	9.4	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	86-30-6	n-Nitrosodiphenylamine	9.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	86-73-7	Fluorene	1	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	87-68-3	Hexachlorobutadiene	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	87-86-5	Pentachlorophenol	11	UG_KG	0	220	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	88-06-2	2,4,6-Trichlorophenol	10	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	88-74-4	2-Nitroaniline	8.5	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	88-75-5	2-Nitrophenol	9.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	HERB	88-85-7	Dinoseb	22	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	91-20-3	Naphthalene	0.79	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	91-57-6	2-Methylnaphthalene	2.2	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	91-58-7	2-Chloronaphthalene	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	12	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	95-48-7	2-Methylphenol	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	95-50-1	1,2-Dichlorobenzene	9.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	95-57-8	2-Chlorophenol	8.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	95-95-4	2,4,5-Trichlorophenol	8.9	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	98-95-3	Nitrobenzene	9	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	8.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	108-95-2	Phenol	6.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	62-53-3	Aniline	8.3	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	7.5	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	92-52-4	1,1-Biphenyl	9.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8.9	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	98-86-2	Acetophenone	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	18	UG_KG	0	43	J	Y
5/30/2008	SS	0	1	N	78SB06-00	SVOA	117-84-0	Di-n-octylphthalate	4.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	118-74-1	Hexachlorobenzene	8.9	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	120-12-7	Anthracene	2.2	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	240	UG_KG	0	860	U	N
5/30/2008	SS	0	1	N	78SB06-00	EXPLO	99-65-0	1,3-Dinitrobenzene	5.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	123-91-1	1,4-Dioxane	10	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	120-82-1	1,2,4-Trichlorobenzene	9.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	120-83-2	2,4-Dichlorophenol	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	121-14-2	2,4-Dinitrotoluene	7.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	70-30-4	Hexachlorophene	1100	UG_KG	0	22000	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	100-02-7	4-Nitrophenol	43	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	95-53-4	2-Methylaniline	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.9	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	55-18-5	n-Nitrosodiethylamine	16	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	62-75-9	n-Nitrosodimethylamine	13	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	7.5	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	930-55-2	n-Nitrosopyrrolidine	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	129-00-0	Pyrene	2.3	UG_KG	0	8.8	J	Y
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	56-38-2	Parathion	10	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	608-93-5	Pentachlorobenzene	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	131-11-3	Dimethyl phthalate	8.4	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	82-68-8	Pentachloronitrobenzene	7.7	UG_KG	0	43	R	--
5/30/2008	SS	0	1	N	78SB06-00	SVOA	106-50-3	p-Phenylenediamine	210	UG_KG	0	860	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	132-64-9	Dibenzofuran	5.5	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	8.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5.5	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	22	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	191-24-2	Benzo(g,h,i)perylene	2.2	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	87-65-0	2,6-Dichlorophenol	8.4	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.6	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	205-99-2	Benzo(b)fluoranthene	3.6	UG_KG	0	8.8	J	Y
5/30/2008	SS	0	1	N	78SB06-00	SVOA	92-67-1	4-Aminobiphenyl	17	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	9.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	109-06-8	2-Picoline	16	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	77	UG_KG	0	8800	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	56-49-5	3-Methylcholanthrene	8	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	206-44-0	Fluoranthene	2.2	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	9.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	62-44-2	Phenacetin	6.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	62-50-0	Ethyl methanesulfonate	14	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	66-27-3	Methyl methanesulfonate	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	101-55-3	4-Bromophenyl-phenylether	9.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.3	UG_KG	0	8.8	UJ	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	99-09-2	3-Nitroaniline	5.9	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	100-01-6	4-Nitroaniline	10	UG_KG	0	220	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB06-00	SVOA	208-96-8	Acenaphthylene	2.2	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	218-01-9	Chrysene	1.4	UG_KG	0	8.8	J	Y
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	298-00-0	Methyl parathion	4.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	298-04-4	Disulfoton	7.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	130-15-4	1,4-Naphthoquinone	5.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	53-96-3	2-Acetylaminofluorene	6.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	91-59-8	2-Naphthylamine	26	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	14	UG_KG	0	430	R	--
5/30/2008	SS	0	1	N	78SB06-00	SVOA	140-57-8	Aramite	14	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	HERB	2303-16-4	Diallate	13	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	60-51-5	Dimethoate	4.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	52-85-7	Famphur	4.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	1888-71-7	Hexachloropropene	9.4	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	120-58-1	Isosafrole	9.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	91-80-5	Methapyrilene	12	UG_KG	0	8800	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	59-89-2	N-Nitrosomorpholine	8.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	100-75-4	N-Nitrosopiperidine	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	21	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	298-02-2	Phorate	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	23950-58-5	Pronamide	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	94-59-7	Safrole	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	100-51-6	Benzyl alcohol	10	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	50-32-8	Benzo(a)pyrene	1.6	UG_KG	0	8.8	J	Y
5/30/2008	SS	0	1	N	78SB06-00	SVOA	51-28-5	2,4-Dinitrophenol	110	UG_KG	0	430	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.77	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	7.6	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB06-00	VOA	541-73-1	1,3-Dichlorobenzene	7.9	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	56-55-3	Benzo(a)anthracene	2.2	UG_KG	0	8.8	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	59-50-7	4-Chloro-3-methylphenol	9.8	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	606-20-2	2,6-Dinitrotoluene	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB06-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	8.5	UG_KG	0	43	U	N
5/30/2008	SB	1	3	N	78SB06-01	METAL	7439-92-1	Lead	0.76	MG_KG	0	0.33		Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-02-0	Nickel	20	MG_KG	0	0.22		Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-22-4	Silver	0.038	MG_KG	0	0.22	J	Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.44	U	N
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-36-0	Antimony	0.083	MG_KG	0	0.55	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-38-2	Arsenic	0.61	MG_KG	0	0.55		Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-39-3	Barium	76	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-41-7	Beryllium	0.14	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-43-9	Cadmium	0.13	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-47-3	Chromium	13	MG_KG	0	1.1	J	Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-48-4	Cobalt	35	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-50-8	Copper	130	MG_KG	0	2.2		Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-62-2	Vanadium	230	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-66-6	Zinc	46	MG_KG	0	4.4	J	Y
5/30/2008	SB	1	3	N	78SB06-01	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.55	U	N
5/30/2008	SB	1	3	N	78SB06-01	METAL	7440-31-5	Tin	4.4	MG_KG	0	22	U	N
5/30/2008	SB	1	3	N	78SB06-01	METAL	7439-97-6	Mercury	0.0046	MG_KG	0	0.023	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	11096-82-5	Aroclor-1260	5.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	11097-69-1	Aroclor-1254	2.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	11104-28-2	Aroclor-1221	16	UG_KG	0	82	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	11141-16-5	Aroclor-1232	9.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	12672-29-6	Aroclor-1248	6.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	12674-11-2	Aroclor-1016	4.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	53469-21-9	Aroclor-1242	5.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	71-43-2	Benzene	1.5	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	71-55-6	1,1,1-Trichloroethane	1.1	UG_KG	0	9.4	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	74-83-9	Bromomethane	3	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	74-87-3	Chloromethane	1.3	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	74-95-3	Dibromomethane	2.3	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-00-3	Chloroethane	2.3	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-01-4	Vinyl chloride	1.1	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-09-2	Methylene chloride	1.9	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-15-0	Carbon disulfide	0.96	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-25-2	Bromoform	2.1	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-27-4	Bromodichloromethane	1.6	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-34-3	1,1-Dichloroethane	0.94	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-35-4	1,1-Dichloroethene	1	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	2.8	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.7	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	78-87-5	1,2-Dichloropropane	2.1	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	78-93-3	2-Butanone	5.1	UG_KG	0	47	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	79-00-5	1,1,2-Trichloroethane	2.3	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	79-01-6	Trichloroethene	1.9	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	2.6	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	106-93-4	1,2-Dibromoethane	2.8	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	107-06-2	1,2-Dichloroethane	1.9	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	108-10-1	4-Methyl-2-pentanone	5.5	UG_KG	0	47	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	5.3	UG_KG	0	19	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	96-18-4	1,2,3-Trichloropropane	2.6	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	108-88-3	Toluene	1.5	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	108-05-4	Vinyl acetate	2.8	UG_KG	0	19	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	108-90-7	Chlorobenzene	1.4	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	107-05-1	Allyl chloride	2.8	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	126-99-8	2-Chloro-1,3-butadiene	1.1	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	107-02-8	Acrolein	36	UG_KG	0	190	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	107-13-1	Acrylonitrile	43	UG_KG	0	190	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	97-63-2	Ethyl methacrylate	4.1	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	78-83-1	Isobutanol	130	UG_KG	0	380	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	124-48-1	Dibromochloromethane	0.94	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	126-98-7	Methacrylonitrile	45	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	80-62-6	Methyl methacrylate	7	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	127-18-4	Tetrachloroethene	1.4	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	1330-20-7	Xylene, total	4.3	UG_KG	0	19	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	100-41-4	Ethylbenzene	1.4	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	156-60-5	trans-1,2-Dichloroethene	1.8	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	76-01-7	Pentachloroethane	4.1	UG_KG	0	47	R	--
5/30/2008	SB	1	3	N	78SB06-01	VOA	75-05-8	Acetonitrile	85	UG_KG	0	380	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	100-42-5	Styrene	1.2	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	74-88-4	Iodomethane	1.9	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	107-12-0	Propionitrile	40	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	5.8	UG_KG	0	19	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	10061-01-5	cis-1,3-Dichloropropene	1.6	UG_KG	0	9.4	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	56-23-5	Carbon tetrachloride	1.9	UG_KG	0	9.4	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	10061-02-6	trans-1,3-Dichloropropene	1.6	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	591-78-6	2-Hexanone	4	UG_KG	0	47	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	1.2	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	67-64-1	Acetone	26	UG_KG	0	94	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB06-01	VOA	67-66-3	Chloroform	0.94	UG_KG	0	9.4	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	67-72-1	Hexachloroethane	8.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	106-46-7	1,4-Dichlorobenzene	7.4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	77-47-4	Hexachlorocyclopentadiene	17	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	78-59-1	Isophorone	7.4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	106-47-8	4-Chloroaniline	7.2	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	83-32-9	Acenaphthene	0.68	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	84-74-2	Di-n-butylphthalate	30	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	85-68-7	Butylbenzylphthalate	8.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	86-30-6	n-Nitrosodiphenylamine	8.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	86-73-7	Fluorene	0.92	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	87-86-5	Pentachlorophenol	10	UG_KG	0	200	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	88-06-2	2,4,6-Trichlorophenol	9.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	88-74-4	2-Nitroaniline	7.8	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	88-75-5	2-Nitrophenol	8.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	HERB	88-85-7	Dinoseb	20	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	91-20-3	Naphthalene	0.72	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	91-58-7	2-Chloronaphthalene	7.4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	79	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	95-48-7	2-Methylphenol	9.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	95-50-1	1,2-Dichlorobenzene	8.4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	95-57-8	2-Chlorophenol	7.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	95-95-4	2,4,5-Trichlorophenol	8.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	98-95-3	Nitrobenzene	8.3	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	108-95-2	Phenol	5.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	62-53-3	Aniline	7.6	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	92-52-4	1,1-Biphenyl	8.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	98-86-2	Acetophenone	10	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	5.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	117-84-0	Di-n-octylphthalate	4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	118-74-1	Hexachlorobenzene	8.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	120-12-7	Anthracene	2	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	220	UG_KG	0	790	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	123-91-1	1,4-Dioxane	9.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	120-83-2	2,4-Dichlorophenol	9.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	121-14-2	2,4-Dinitrotoluene	7.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	70-30-4	Hexachlorophene	1000	UG_KG	0	20000	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	100-02-7	4-Nitrophenol	40	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	62-75-9	n-Nitrosodimethylamine	12	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	930-55-2	n-Nitrosopyrrolidine	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	129-00-0	Pyrene	2	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	56-38-2	Parathion	9.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	608-93-5	Pentachlorobenzene	7.4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	131-11-3	Dimethyl phthalate	7.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	82-68-8	Pentachloronitrobenzene	7.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	790	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	132-64-9	Dibenzofuran	5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	87-65-0	2,6-Dichlorophenol	7.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.91	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	92-67-1	4-Aminobiphenyl	16	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	109-06-8	2-Picoline	14	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	71	UG_KG	0	8000	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	56-49-5	3-Methylcholanthrene	7.3	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	62-44-2	Phenacetin	5.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	101-55-3	4-Bromophenyl-phenylether	8.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	8	UJ	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	99-09-2	3-Nitroaniline	5.4	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	100-01-6	4-Nitroaniline	9.2	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	218-01-9	Chrysene	0.73	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	298-00-0	Methyl parathion	4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	298-04-4	Disulfoton	7.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	130-15-4	1,4-Naphthoquinone	4.7	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	53-96-3	2-Acetylaminofluorene	6.1	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	91-59-8	2-Naphthylamine	24	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	400	R	--
5/30/2008	SB	1	3	N	78SB06-01	SVOA	140-57-8	Aramite	13	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	HERB	2303-16-4	Diallate	12	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	60-51-5	Dimethoate	4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	52-85-7	Famphur	4.3	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	1888-71-7	Hexachloropropene	8.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	120-58-1	Isosafrole	8.5	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	8000	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	59-89-2	N-Nitrosomorpholine	7.9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	100-75-4	N-Nitrosopiperidine	10	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	298-02-2	Phorate	9.8	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	23950-58-5	Pronamide	11	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	94-59-7	Safrole	10	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	100-51-6	Benzyl alcohol	9.6	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	50-32-8	Benzo(a)pyrene	0.79	UG_KG	0	8	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB06-01	SVOA	51-28-5	2,4-Dinitrophenol	100	UG_KG	0	400	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.71	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	7	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB06-01	VOA	541-73-1	1,3-Dichlorobenzene	7.2	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	8	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	59-50-7	4-Chloro-3-methylphenol	9	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	606-20-2	2,6-Dinitrotoluene	7.4	UG_KG	0	40	U	N
5/30/2008	SB	1	3	N	78SB06-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.8	UG_KG	0	40	U	N
5/30/2008	SB	3	5	N	78SB06-02	METAL	7439-92-1	Lead	0.38	MG_KG	0	0.31		Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-02-0	Nickel	17	MG_KG	0	0.21		Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-22-4	Silver	0.037	MG_KG	0	0.21	J	Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.41	U	N
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-36-0	Antimony	0.077	MG_KG	0	0.51	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-38-2	Arsenic	0.4	MG_KG	0	0.51	U	N
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-39-3	Barium	13	MG_KG	0	1		Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-41-7	Beryllium	0.1	MG_KG	0	0.1	J	Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-43-9	Cadmium	0.07	MG_KG	0	0.1	J	Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-47-3	Chromium	12	MG_KG	0	1	J	Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-48-4	Cobalt	24	MG_KG	0	0.1		Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-50-8	Copper	86	MG_KG	0	2.1		Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-62-2	Vanadium	170	MG_KG	0	1		Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-66-6	Zinc	41	MG_KG	0	4.1	J	Y
5/30/2008	SB	3	5	N	78SB06-02	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.51	U	N
5/30/2008	SB	3	5	N	78SB06-02	METAL	7440-31-5	Tin	4.1	MG_KG	0	21	U	N
5/30/2008	SB	3	5	N	78SB06-02	METAL	7439-97-6	Mercury	0.0038	MG_KG	0	0.019	U	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	11096-82-5	Aroclor-1260	5.5	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	11097-69-1	Aroclor-1254	2.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	76	U	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	11141-16-5	Aroclor-1232	8.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	12672-29-6	Aroclor-1248	5.8	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	12674-11-2	Aroclor-1016	4.3	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	53469-21-9	Aroclor-1242	5.5	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	71-43-2	Benzene	0.78	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	71-55-6	1,1,1-Trichloroethane	0.57	UG_KG	0	5	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	74-83-9	Bromomethane	1.6	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	74-87-3	Chloromethane	0.7	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	74-95-3	Dibromomethane	1.2	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-00-3	Chloroethane	1.2	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-01-4	Vinyl chloride	0.57	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-09-2	Methylene chloride	0.99	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-15-0	Carbon disulfide	0.51	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-25-2	Bromoform	1.1	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-27-4	Bromodichloromethane	0.82	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-34-3	1,1-Dichloroethane	0.5	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-35-4	1,1-Dichloroethene	0.53	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.5	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.88	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	78-87-5	1,2-Dichloropropane	1.1	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	78-93-3	2-Butanone	2.7	UG_KG	0	25	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	79-00-5	1,1,2-Trichloroethane	1.2	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	79-01-6	Trichloroethene	0.99	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.4	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	106-93-4	1,2-Dibromoethane	1.5	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	107-06-2	1,2-Dichloroethane	0.99	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	108-10-1	4-Methyl-2-pentanone	2.9	UG_KG	0	25	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.8	UG_KG	0	9.9	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	96-18-4	1,2,3-Trichloropropane	1.4	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	108-88-3	Toluene	0.78	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	108-05-4	Vinyl acetate	1.5	UG_KG	0	9.9	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	108-90-7	Chlorobenzene	0.72	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	107-05-1	Allyl chloride	1.5	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	126-99-8	2-Chloro-1,3-butadiene	0.56	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	107-02-8	Acrolein	19	UG_KG	0	99	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	107-13-1	Acrylonitrile	23	UG_KG	0	99	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	97-63-2	Ethyl methacrylate	2.2	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	78-83-1	Isobutanol	68	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	124-48-1	Dibromochloromethane	0.5	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	126-98-7	Methacrylonitrile	24	UG_KG	0	99	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	80-62-6	Methyl methacrylate	3.7	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	127-18-4	Tetrachloroethene	0.72	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	1330-20-7	Xylene, total	2.3	UG_KG	0	9.9	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	100-41-4	Ethylbenzene	0.74	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	156-60-5	trans-1,2-Dichloroethene	0.96	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	76-01-7	Pentachloroethane	2.2	UG_KG	0	25	R	--
5/30/2008	SB	3	5	N	78SB06-02	VOA	75-05-8	Acetonitrile	45	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	100-42-5	Styrene	0.65	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	74-88-4	Iodomethane	0.99	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	107-12-0	Propionitrile	21	UG_KG	0	99	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.1	UG_KG	0	9.9	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	10061-01-5	cis-1,3-Dichloropropene	0.86	UG_KG	0	5	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	56-23-5	Carbon tetrachloride	0.99	UG_KG	0	5	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	10061-02-6	trans-1,3-Dichloropropene	0.86	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	591-78-6	2-Hexanone	2.1	UG_KG	0	25	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.63	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	67-64-1	Acetone	13	UG_KG	0	50	J	Y
5/30/2008	SB	3	5	N	78SB06-02	VOA	67-66-3	Chloroform	0.5	UG_KG	0	5	U	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	67-72-1	Hexachloroethane	8.5	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.1	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	106-46-7	1,4-Dichlorobenzene	7.1	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	78-59-1	Isophorone	7.1	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	106-47-8	4-Chloroaniline	6.9	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	83-32-9	Acenaphthene	0.66	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	84-74-2	Di-n-butylphthalate	29	UG_KG	0	200	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	85-68-7	Butylbenzylphthalate	8.3	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	86-30-6	n-Nitrosodiphenylamine	8.2	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	86-73-7	Fluorene	0.89	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	87-86-5	Pentachlorophenol	9.6	UG_KG	0	200	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	88-06-2	2,4,6-Trichlorophenol	9.1	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	88-74-4	2-Nitroaniline	7.5	UG_KG	0	200	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	88-75-5	2-Nitrophenol	8.4	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	HERB	88-85-7	Dinoseb	20	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	91-20-3	Naphthalene	0.69	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.7	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	3	5	N	78SB06-02	SVOA	91-58-7	2-Chloronaphthalene	7.1	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	95-48-7	2-Methylphenol	9.3	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	95-50-1	1,2-Dichlorobenzene	8.1	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	95-57-8	2-Chlorophenol	7.6	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	95-95-4	2,4,5-Trichlorophenol	7.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	98-95-3	Nitrobenzene	8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.3	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	108-95-2	Phenol	5.5	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	62-53-3	Aniline	7.3	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.6	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	92-52-4	1,1-Biphenyl	8.5	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	98-86-2	Acetophenone	9.9	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	12	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	117-84-0	Di-n-octylphthalate	3.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	118-74-1	Hexachlorobenzene	7.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	760	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	EXPLO	99-65-0	1,3-Dinitrobenzene	4.5	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	123-91-1	1,4-Dioxane	9.2	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	120-82-1	1,2,4-Trichlorobenzene	8.5	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	120-83-2	2,4-Dichlorophenol	9.3	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	121-14-2	2,4-Dinitrotoluene	6.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	70-30-4	Hexachlorophene	960	UG_KG	0	20000	R	--
5/30/2008	SB	3	5	N	78SB06-02	SVOA	100-02-7	4-Nitrophenol	38	UG_KG	0	200	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.9	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.6	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	129-00-0	Pyrene	2	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	56-38-2	Parathion	8.9	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	608-93-5	Pentachlorobenzene	7.1	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	131-11-3	Dimethyl phthalate	7.4	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	82-68-8	Pentachloronitrobenzene	6.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	760	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	132-64-9	Dibenzofuran	4.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.3	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	87-65-0	2,6-Dichlorophenol	7.4	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	205-99-2	Benzo(b)fluoranthene	0.88	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.4	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	109-06-8	2-Picoline	14	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	122-09-8	a,a-Dimethylphenethylamine	68	UG_KG	0	7700	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	56-49-5	3-Methylcholanthrene	7	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.2	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	62-44-2	Phenacetin	5.4	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	101-55-3	4-Bromophenyl-phenylether	8.2	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	99-09-2	3-Nitroaniline	5.2	UG_KG	0	200	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	100-01-6	4-Nitroaniline	8.9	UG_KG	0	200	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	218-01-9	Chrysene	0.7	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	298-00-0	Methyl parathion	3.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	298-04-4	Disulfoton	6.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	130-15-4	1,4-Naphthoquinone	4.5	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	53-96-3	2-Acetylaminofluorene	5.9	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	91-59-8	2-Naphthylamine	23	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	380	R	--
5/30/2008	SB	3	5	N	78SB06-02	SVOA	140-57-8	Aramite	13	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	HERB	2303-16-4	Diallate	11	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	60-51-5	Dimethoate	3.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	52-85-7	Famphur	4.2	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	1888-71-7	Hexachloropropene	8.3	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	120-58-1	Isosafrole	8.2	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7700	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	59-89-2	N-Nitrosomorpholine	7.6	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	100-75-4	N-Nitrosopiperidine	9.8	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	76	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	298-02-2	Phorate	9.5	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	23950-58-5	Pronamide	10	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	94-59-7	Safrole	9.6	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	100-51-6	Benzyl alcohol	9.2	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	50-32-8	Benzo(a)pyrene	0.76	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	51-28-5	2,4-Dinitrophenol	96	UG_KG	0	380	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	53-70-3	Dibenz(a,h)anthracene	0.68	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.7	UG_KG	0	200	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	VOA	541-73-1	1,3-Dichlorobenzene	6.9	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	7.7	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	59-50-7	4-Chloro-3-methylphenol	8.6	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	606-20-2	2,6-Dinitrotoluene	7.1	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB06-02	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.5	UG_KG	0	38	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	METAL	7439-92-1	Lead	2.6	MG_KG	0	0.32	R	--
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-02-0	Nickel	8.9	MG_KG	0	0.21		Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-22-4	Silver	0.027	MG_KG	0	0.21	J	Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.43	U	N
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-36-0	Antimony	0.13	MG_KG	0	0.54	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-38-2	Arsenic	0.69	MG_KG	0	0.54		Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-39-3	Barium	60	MG_KG	0	1.1		Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-41-7	Beryllium	0.23	MG_KG	0	0.11		Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-43-9	Cadmium	0.12	MG_KG	0	0.11		Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-47-3	Chromium	14	MG_KG	0	1.1		Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-48-4	Cobalt	16	MG_KG	0	0.11		Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-50-8	Copper	28	MG_KG	0	2.1		Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-62-2	Vanadium	130	MG_KG	0	1.1		Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-66-6	Zinc	46	MG_KG	0	4.3	J	Y
5/30/2008	SS	0	1	N	78SB07-00	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.54	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB07-00	METAL	7440-31-5	Tin	4.3	MG_KG	0	21	U	N
5/30/2008	SS	0	1	N	78SB07-00	METAL	7439-97-6	Mercury	0.0043	MG_KG	0	0.021	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	11096-82-5	Aroclor-1260	5.3	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	74	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	11141-16-5	Aroclor-1232	8.3	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	12672-29-6	Aroclor-1248	5.6	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	12674-11-2	Aroclor-1016	4.2	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	53469-21-9	Aroclor-1242	5.3	UG_KG	0	36	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	71-43-2	Benzene	0.87	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	71-55-6	1,1,1-Trichloroethane	0.64	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	74-83-9	Bromomethane	1.8	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	74-87-3	Chloromethane	0.78	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-01-4	Vinyl chloride	0.64	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-15-0	Carbon disulfide	0.56	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-27-4	Bromodichloromethane	0.91	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-34-3	1,1-Dichloroethane	0.55	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-35-4	1,1-Dichloroethene	0.59	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.97	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	78-93-3	2-Butanone	20	UG_KG	0	27	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	108-10-1	4-Methyl-2-pentanone	3.2	UG_KG	0	27	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.1	UG_KG	0	11	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	108-88-3	Toluene	0.87	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	108-90-7	Chlorobenzene	0.8	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.62	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	107-02-8	Acrolein	21	UG_KG	0	110	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	78-83-1	Isobutanol	76	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	124-48-1	Dibromochloromethane	0.55	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	80-62-6	Methyl methacrylate	4.1	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	127-18-4	Tetrachloroethene	0.8	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	100-41-4	Ethylbenzene	0.82	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	27	R	--
5/30/2008	SS	0	1	N	78SB07-00	VOA	75-05-8	Acetonitrile	49	UG_KG	0	220	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	100-42-5	Styrene	0.72	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	74-88-4	Iodomethane	4.6	UG_KG	0	5.5	J	Y
5/30/2008	SS	0	1	N	78SB07-00	VOA	107-12-0	Propionitrile	23	UG_KG	0	110	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.4	UG_KG	0	11	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.95	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.5	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.95	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	591-78-6	2-Hexanone	2.3	UG_KG	0	27	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.7	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	67-64-1	Acetone	130	UG_KG	0	55	J	Y
5/30/2008	SS	0	1	N	78SB07-00	VOA	67-66-3	Chloroform	0.55	UG_KG	0	5.5	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	67-72-1	Hexachloroethane	8.2	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	106-46-7	1,4-Dichlorobenzene	6.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	78-59-1	Isophorone	6.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	106-47-8	4-Chloroaniline	6.7	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	83-32-9	Acenaphthene	0.63	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	85-68-7	Butylbenzylphthalate	8	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	86-30-6	n-Nitrosodiphenylamine	7.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	86-73-7	Fluorene	0.86	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	87-86-5	Pentachlorophenol	9.2	UG_KG	0	190	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	88-06-2	2,4,6-Trichlorophenol	8.8	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	88-74-4	2-Nitroaniline	7.2	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	88-75-5	2-Nitrophenol	8.1	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	HERB	88-85-7	Dinoseb	19	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	91-20-3	Naphthalene	0.67	UG_KG	0	7.4	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	91-58-7	2-Chloronaphthalene	6.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	73	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	95-48-7	2-Methylphenol	9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	95-50-1	1,2-Dichlorobenzene	7.8	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	95-57-8	2-Chlorophenol	7.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	95-95-4	2,4,5-Trichlorophenol	7.6	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	98-95-3	Nitrobenzene	7.7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	108-95-2	Phenol	5.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	62-53-3	Aniline	7	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	92-52-4	1,1-Biphenyl	8.2	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.6	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	98-86-2	Acetophenone	9.6	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	5.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	117-84-0	Di-n-octylphthalate	3.7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	118-74-1	Hexachlorobenzene	7.6	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	730	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	123-91-1	1,4-Dioxane	8.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	120-82-1	1,2,4-Trichlorobenzene	8.2	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	120-83-2	2,4-Dichlorophenol	9	UG_KG	0	37	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB07-00	SVOA	121-14-2	2,4-Dinitrotoluene	6.6	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	70-30-4	Hexachlorophene	920	UG_KG	0	19000	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	100-02-7	4-Nitrophenol	37	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	930-55-2	n-Nitrosopyrrolidine	9.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	56-38-2	Parathion	8.6	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	608-93-5	Pentachlorobenzene	6.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	131-11-3	Dimethyl phthalate	7.1	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	82-68-8	Pentachloronitrobenzene	6.6	UG_KG	0	37	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	730	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	132-64-9	Dibenzofuran	4.7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.4	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	87-65-0	2,6-Dichlorophenol	7.1	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	205-99-2	Benzo(b)fluoranthene	0.84	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.1	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	109-06-8	2-Picoline	13	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	66	UG_KG	0	7400	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	56-49-5	3-Methylcholanthrene	6.8	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	62-44-2	Phenacetin	5.2	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	101-55-3	4-Bromophenyl-phenylether	7.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	99-09-2	3-Nitroaniline	5	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	100-01-6	4-Nitroaniline	8.6	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	218-01-9	Chrysene	0.68	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	298-00-0	Methyl parathion	3.7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	298-04-4	Disulfoton	6.6	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	53-96-3	2-Acetylaminofluorene	5.7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	370	R	--
5/30/2008	SS	0	1	N	78SB07-00	SVOA	140-57-8	Aramite	12	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	HERB	2303-16-4	Diallate	11	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	60-51-5	Dimethoate	3.7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	52-85-7	Famphur	4	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	1888-71-7	Hexachloropropene	8	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	120-58-1	Isosafrole	7.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7400	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	59-89-2	N-Nitrosomorpholine	7.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	100-75-4	N-Nitrosopiperidine	9.4	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	73	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	298-02-2	Phorate	9.1	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	23950-58-5	Pronamide	10	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	94-59-7	Safrole	9.2	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	100-51-6	Benzyl alcohol	8.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	50-32-8	Benzo(a)pyrene	0.73	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	51-28-5	2,4-Dinitrophenol	92	UG_KG	0	370	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.66	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.4	UG_KG	0	190	U	N
5/30/2008	SS	0	1	N	78SB07-00	VOA	541-73-1	1,3-Dichlorobenzene	6.7	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	59-50-7	4-Chloro-3-methylphenol	8.3	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	606-20-2	2,6-Dinitrotoluene	6.9	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB07-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	METAL	7439-92-1	Lead	0.73	MG_KG	0	0.32	R	--
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-02-0	Nickel	7.5	MG_KG	0	0.21		Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-22-4	Silver	0.03	MG_KG	0	0.21	J	Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.42	U	N
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-36-0	Antimony	0.079	MG_KG	0	0.53	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-38-2	Arsenic	0.65	MG_KG	0	0.53		Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-39-3	Barium	34	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-41-7	Beryllium	0.23	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-43-9	Cadmium	0.034	MG_KG	0	0.11	J	Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-47-3	Chromium	14	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-48-4	Cobalt	11	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-50-8	Copper	21	MG_KG	0	2.1		Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-62-2	Vanadium	120	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-66-6	Zinc	33	MG_KG	0	4.2	J	Y
5/30/2008	SB	1	3	N	78SB07-01	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.53	U	N
5/30/2008	SB	1	3	N	78SB07-01	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/30/2008	SB	1	3	N	78SB07-01	METAL	7439-97-6	Mercury	0.0044	MG_KG	0	0.022	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	11096-82-5	Aroclor-1260	5.3	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	74	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	11141-16-5	Aroclor-1232	8.2	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	12672-29-6	Aroclor-1248	5.6	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	12674-11-2	Aroclor-1016	4.2	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	53469-21-9	Aroclor-1242	5.3	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	71-43-2	Benzene	1.1	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	71-55-6	1,1,1-Trichloroethane	0.79	UG_KG	0	6.8	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	74-83-9	Bromomethane	2.2	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	74-87-3	Chloromethane	0.96	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	74-95-3	Dibromomethane	1.6	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-00-3	Chloroethane	1.6	UG_KG	0	6.8	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-01-4	Vinyl chloride	0.79	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-09-2	Methylene chloride	1.4	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-15-0	Carbon disulfide	0.69	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-25-2	Bromoform	1.5	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-27-4	Bromodichloromethane	1.1	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-34-3	1,1-Dichloroethane	0.68	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-35-4	1,1-Dichloroethene	0.73	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	2	UG_KG	0	6.8	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.2	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	78-87-5	1,2-Dichloropropane	1.5	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	78-93-3	2-Butanone	3.7	UG_KG	0	34	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	79-00-5	1,1,2-Trichloroethane	1.6	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	79-01-6	Trichloroethene	1.4	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.9	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	106-93-4	1,2-Dibromoethane	2	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	107-06-2	1,2-Dichloroethane	1.4	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	108-10-1	4-Methyl-2-pentanone	3.9	UG_KG	0	34	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.8	UG_KG	0	14	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	96-18-4	1,2,3-Trichloropropane	1.9	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	108-88-3	Toluene	1.1	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	108-05-4	Vinyl acetate	2	UG_KG	0	14	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	108-90-7	Chlorobenzene	0.99	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	107-05-1	Allyl chloride	2	UG_KG	0	6.8	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.77	UG_KG	0	6.8	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	107-02-8	Acrolein	26	UG_KG	0	140	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	107-13-1	Acrylonitrile	31	UG_KG	0	140	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	97-63-2	Ethyl methacrylate	3	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	78-83-1	Isobutanol	94	UG_KG	0	270	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	124-48-1	Dibromochloromethane	0.68	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	126-98-7	Methacrylonitrile	33	UG_KG	0	140	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	80-62-6	Methyl methacrylate	5	UG_KG	0	6.8	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	127-18-4	Tetrachloroethene	0.99	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	1330-20-7	Xylene, total	3.1	UG_KG	0	14	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	100-41-4	Ethylbenzene	1	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	156-60-5	trans-1,2-Dichloroethene	1.3	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	76-01-7	Pentachloroethane	3	UG_KG	0	34	R	--
5/30/2008	SB	1	3	N	78SB07-01	VOA	75-05-8	Acetonitrile	61	UG_KG	0	270	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	100-42-5	Styrene	0.9	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	74-88-4	Iodomethane	1.4	UG_KG	0	6.8	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	107-12-0	Propionitrile	28	UG_KG	0	140	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	4.2	UG_KG	0	14	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	10061-01-5	cis-1,3-Dichloropropene	1.2	UG_KG	0	6.8	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	56-23-5	Carbon tetrachloride	1.4	UG_KG	0	6.8	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	10061-02-6	trans-1,3-Dichloropropene	1.2	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	591-78-6	2-Hexanone	2.8	UG_KG	0	34	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.87	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	67-64-1	Acetone	25	UG_KG	0	68	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	67-66-3	Chloroform	0.68	UG_KG	0	6.8	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	67-72-1	Hexachloroethane	8.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	106-46-7	1,4-Dichlorobenzene	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	78-59-1	Isophorone	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	106-47-8	4-Chloroaniline	6.7	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	83-32-9	Acenaphthene	0.63	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	85-68-7	Butylbenzylphthalate	8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	86-30-6	n-Nitrosodiphenylamine	7.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	86-73-7	Fluorene	0.85	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	87-86-5	Pentachlorophenol	9.2	UG_KG	0	190	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	88-06-2	2,4,6-Trichlorophenol	8.8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	88-74-4	2-Nitroaniline	7.2	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	88-75-5	2-Nitrophenol	8.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	HERB	88-85-7	Dinoseb	19	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	91-20-3	Naphthalene	0.67	UG_KG	0	7.4	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	91-58-7	2-Chloronaphthalene	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	95-48-7	2-Methylphenol	9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	95-50-1	1,2-Dichlorobenzene	7.8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	95-57-8	2-Chlorophenol	7.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	95-95-4	2,4,5-Trichlorophenol	7.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	98-95-3	Nitrobenzene	7.6	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	108-95-2	Phenol	5.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	62-53-3	Aniline	7	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	92-52-4	1,1-Biphenyl	8.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	98-86-2	Acetophenone	9.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	18	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	117-84-0	Di-n-octylphthalate	3.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	118-74-1	Hexachlorobenzene	7.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	730	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	123-91-1	1,4-Dioxane	8.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	120-83-2	2,4-Dichlorophenol	9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	121-14-2	2,4-Dinitrotoluene	6.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	70-30-4	Hexachlorophene	920	UG_KG	0	19000	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	100-02-7	4-Nitrophenol	37	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	930-55-2	n-Nitrosopyrrolidine	9.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	56-38-2	Parathion	8.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	608-93-5	Pentachlorobenzene	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	131-11-3	Dimethyl phthalate	7.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	82-68-8	Pentachloronitrobenzene	6.5	UG_KG	0	37	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	730	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	132-64-9	Dibenzofuran	4.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.4	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	87-65-0	2,6-Dichlorophenol	7.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.4	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB07-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.84	UG_KG	0	7.4	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	109-06-8	2-Picoline	13	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	65	UG_KG	0	7400	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	56-49-5	3-Methylcholanthrene	6.8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	62-44-2	Phenacetin	5.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	101-55-3	4-Bromophenyl-phenylether	7.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	99-09-2	3-Nitroaniline	5	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	100-01-6	4-Nitroaniline	8.5	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	218-01-9	Chrysene	0.68	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	298-00-0	Methyl parathion	3.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	298-04-4	Disulfoton	6.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	53-96-3	2-Acetylaminofluorene	5.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	73	UJ	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	370	R	--
5/30/2008	SB	1	3	N	78SB07-01	SVOA	140-57-8	Aramite	12	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	HERB	2303-16-4	Diallate	11	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	60-51-5	Dimethoate	3.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	52-85-7	Famphur	4	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	1888-71-7	Hexachloropropene	8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	120-58-1	Isosafrole	7.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7400	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	59-89-2	N-Nitrosomorpholine	7.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	100-75-4	N-Nitrosopiperidine	9.4	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	298-02-2	Phorate	9.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	23950-58-5	Pronamide	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	94-59-7	Safrole	9.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	100-51-6	Benzyl alcohol	8.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	50-32-8	Benzo(a)pyrene	0.73	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	51-28-5	2,4-Dinitrophenol	92	UG_KG	0	370	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.65	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.4	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB07-01	VOA	541-73-1	1,3-Dichlorobenzene	6.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	606-20-2	2,6-Dinitrotoluene	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.2	UG_KG	0	37	U	N
5/30/2008	SB	3	5	N	78SB07-02	METAL	7439-92-1	Lead	0.45	MG_KG	0	0.31	R	--
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-02-0	Nickel	6.8	MG_KG	0	0.21		Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-22-4	Silver	0.03	MG_KG	0	0.21	J	Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.42	U	N
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-36-0	Antimony	0.078	MG_KG	0	0.52	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-38-2	Arsenic	0.5	MG_KG	0	0.52	U	N
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-39-3	Barium	25	MG_KG	0	1		Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-41-7	Beryllium	0.16	MG_KG	0	0.1		Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-43-9	Cadmium	0.034	MG_KG	0	0.1	J	Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-47-3	Chromium	11	MG_KG	0	1		Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-48-4	Cobalt	10	MG_KG	0	0.1		Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-50-8	Copper	18	MG_KG	0	2.1		Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-62-2	Vanadium	74	MG_KG	0	1		Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-66-6	Zinc	25	MG_KG	0	4.2	J	Y
5/30/2008	SB	3	5	N	78SB07-02	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.52	U	N
5/30/2008	SB	3	5	N	78SB07-02	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/30/2008	SB	3	5	N	78SB07-02	METAL	7439-97-6	Mercury	0.0044	MG_KG	0	0.022	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	11096-82-5	Aroclor-1260	5.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	78	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	11141-16-5	Aroclor-1232	8.7	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	12672-29-6	Aroclor-1248	5.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	12674-11-2	Aroclor-1016	4.4	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	53469-21-9	Aroclor-1242	5.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	71-43-2	Benzene	0.84	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	71-55-6	1,1,1-Trichloroethane	0.62	UG_KG	0	5.3	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	74-83-9	Bromomethane	1.7	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	74-87-3	Chloromethane	0.76	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.3	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-01-4	Vinyl chloride	0.62	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-15-0	Carbon disulfide	0.54	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-27-4	Bromodichloromethane	0.88	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-34-3	1,1-Dichloroethane	0.53	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-35-4	1,1-Dichloroethene	0.58	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.95	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	78-93-3	2-Butanone	6.3	UG_KG	0	27	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	108-10-1	4-Methyl-2-pentanone	3.1	UG_KG	0	27	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3	UG_KG	0	11	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	108-88-3	Toluene	0.84	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	11	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	108-90-7	Chlorobenzene	0.78	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.3	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	126-99-8	2-Chloro-1,3-butadiene	0.61	UG_KG	0	5.3	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	107-02-8	Acrolein	20	UG_KG	0	110	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	97-63-2	Ethyl methacrylate	2.3	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	78-83-1	Isobutanol	74	UG_KG	0	210	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	124-48-1	Dibromochloromethane	0.53	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	80-62-6	Methyl methacrylate	3.9	UG_KG	0	5.3	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	3	5	N	78SB07-02	VOA	127-18-4	Tetrachloroethene	0.78	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	100-41-4	Ethylbenzene	0.8	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	156-60-5	trans-1,2-Dichloroethene	1	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	76-01-7	Pentachloroethane	2.3	UG_KG	0	27	R	--
5/30/2008	SB	3	5	N	78SB07-02	VOA	75-05-8	Acetonitrile	48	UG_KG	0	210	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	100-42-5	Styrene	0.7	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	74-88-4	Iodomethane	3.2	UG_KG	0	5.3	J	Y
5/30/2008	SB	3	5	N	78SB07-02	VOA	107-12-0	Propionitrile	22	UG_KG	0	110	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.3	UG_KG	0	11	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	10061-01-5	cis-1,3-Dichloropropene	0.93	UG_KG	0	5.3	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.3	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	10061-02-6	trans-1,3-Dichloropropene	0.93	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	591-78-6	2-Hexanone	2.2	UG_KG	0	27	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.68	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	67-64-1	Acetone	38	UG_KG	0	53	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	67-66-3	Chloroform	0.53	UG_KG	0	5.3	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	67-72-1	Hexachloroethane	8.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.2	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	106-46-7	1,4-Dichlorobenzene	7.2	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	78-59-1	Isophorone	7.2	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	106-47-8	4-Chloroaniline	7	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	83-32-9	Acenaphthene	0.66	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	84-74-2	Di-n-butylphthalate	29	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	85-68-7	Butylbenzylphthalate	8.4	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	86-30-6	n-Nitrosodiphenylamine	8.3	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	86-73-7	Fluorene	0.9	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	87-86-5	Pentachlorophenol	9.7	UG_KG	0	200	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	88-06-2	2,4,6-Trichlorophenol	9.2	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	88-74-4	2-Nitroaniline	7.6	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	88-75-5	2-Nitrophenol	8.5	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	HERB	88-85-7	Dinoseb	20	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	91-20-3	Naphthalene	0.7	UG_KG	0	7.8	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	91-58-7	2-Chloronaphthalene	7.2	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	95-48-7	2-Methylphenol	9.4	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	95-50-1	1,2-Dichlorobenzene	8.2	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	95-57-8	2-Chlorophenol	7.7	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	95-95-4	2,4,5-Trichlorophenol	7.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	98-95-3	Nitrobenzene	8	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.3	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	108-95-2	Phenol	5.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	62-53-3	Aniline	7.3	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	92-52-4	1,1-Biphenyl	8.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	98-86-2	Acetophenone	10	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	21	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	117-84-0	Di-n-octylphthalate	3.8	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	118-74-1	Hexachlorobenzene	7.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	770	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	EXPLO	99-65-0	1,3-Dinitrobenzene	4.5	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	123-91-1	1,4-Dioxane	9.3	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	120-82-1	1,2,4-Trichlorobenzene	8.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	120-83-2	2,4-Dichlorophenol	9.4	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	121-14-2	2,4-Dinitrotoluene	6.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	70-30-4	Hexachlorophene	970	UG_KG	0	20000	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	100-02-7	4-Nitrophenol	38	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	99-55-8	2-Methyl-5-nitroaniline	7	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	129-00-0	Pyrene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	56-38-2	Parathion	9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	608-93-5	Pentachlorobenzene	7.2	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	131-11-3	Dimethyl phthalate	7.5	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	82-68-8	Pentachloronitrobenzene	6.9	UG_KG	0	38	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	770	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	132-64-9	Dibenzofuran	4.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.3	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	7.8	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	87-65-0	2,6-Dichlorophenol	7.5	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	205-99-2	Benzo(b)fluoranthene	0.89	UG_KG	0	7.8	UJ	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.5	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	109-06-8	2-Picoline	14	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	122-09-8	a,a-Dimethylphenethylamine	69	UG_KG	0	7800	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	56-49-5	3-Methylcholanthrene	7.1	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.3	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	62-44-2	Phenacetin	5.5	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	101-55-3	4-Bromophenyl-phenylether	8.3	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	99-09-2	3-Nitroaniline	5.2	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	100-01-6	4-Nitroaniline	9	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	218-01-9	Chrysene	0.71	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	298-00-0	Methyl parathion	3.8	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	298-04-4	Disulfoton	6.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	130-15-4	1,4-Naphthoquinone	4.5	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	53-96-3	2-Acetylaminofluorene	5.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	91-59-8	2-Naphthylamine	23	UG_KG	0	77	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	3	5	N	78SB07-02	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	380	R	--
5/30/2008	SB	3	5	N	78SB07-02	SVOA	140-57-8	Aramite	13	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	HERB	2303-16-4	Diallate	11	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	60-51-5	Dimethoate	3.8	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	52-85-7	Famphur	4.2	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	1888-71-7	Hexachloropropene	8.4	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	120-58-1	Isosafrole	8.3	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7800	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	59-89-2	N-Nitrosomorpholine	7.7	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	100-75-4	N-Nitrosopiperidine	9.9	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	298-02-2	Phorate	9.6	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	23950-58-5	Pronamide	10	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	94-59-7	Safrole	9.7	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	100-51-6	Benzyl alcohol	9.3	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	50-32-8	Benzo(a)pyrene	0.77	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	51-28-5	2,4-Dinitrophenol	97	UG_KG	0	380	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	53-70-3	Dibenz(a,h)anthracene	0.69	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.8	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB07-02	VOA	541-73-1	1,3-Dichlorobenzene	7	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	59-50-7	4-Chloro-3-methylphenol	8.7	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	606-20-2	2,6-Dinitrotoluene	7.2	UG_KG	0	38	U	N
5/30/2008	SB	3	5	N	78SB07-02	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.6	UG_KG	0	38	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7439-92-1	Lead	27	MG_KG	0	0.36	R	--
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-02-0	Nickel	22	MG_KG	0	0.24		Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-22-4	Silver	0.12	MG_KG	0	0.24	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-28-0	Thallium	0.14	MG_KG	0	0.48	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-36-0	Antimony	0.65	MG_KG	0	0.6	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-38-2	Arsenic	2.2	MG_KG	0	0.6		Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-39-3	Barium	180	MG_KG	0	1.2	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-41-7	Beryllium	0.31	MG_KG	0	0.12		Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-43-9	Cadmium	0.17	MG_KG	0	0.12		Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-47-3	Chromium	19	MG_KG	0	1.2	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-48-4	Cobalt	33	MG_KG	0	0.12		Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-50-8	Copper	220	MG_KG	0	2.4		Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-62-2	Vanadium	240	MG_KG	0	1.2		Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-66-6	Zinc	150	MG_KG	0	4.8	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7782-49-2	Selenium	0.21	MG_KG	0	0.6	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7440-31-5	Tin	4.8	MG_KG	0	24	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	METAL	7439-97-6	Mercury	0.032	MG_KG	0	0.025		Y
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	11096-82-5	Aroclor-1260	6.4	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	11097-69-1	Aroclor-1254	3.1	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	11104-28-2	Aroclor-1221	17	UG_KG	0	89	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	11141-16-5	Aroclor-1232	10	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	12672-29-6	Aroclor-1248	6.8	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	12674-11-2	Aroclor-1016	5.1	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	53469-21-9	Aroclor-1242	6.4	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	71-43-2	Benzene	1.2	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	71-55-6	1,1,1-Trichloroethane	0.84	UG_KG	0	7.3	UJ	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	74-83-9	Bromomethane	2.3	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	74-87-3	Chloromethane	1	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	74-95-3	Dibromomethane	1.7	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-00-3	Chloroethane	1.7	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-01-4	Vinyl chloride	0.84	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-09-2	Methylene chloride	1.5	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-15-0	Carbon disulfide	0.74	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-25-2	Bromoform	1.6	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-27-4	Bromodichloromethane	1.2	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-34-3	1,1-Dichloroethane	0.73	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-35-4	1,1-Dichloroethene	0.79	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	2.2	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.3	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	78-87-5	1,2-Dichloropropane	1.6	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	78-93-3	2-Butanone	3.9	UG_KG	0	36	UJ	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	79-00-5	1,1,2-Trichloroethane	1.7	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	79-01-6	Trichloroethene	1.5	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	79-34-5	1,1,2,2-Tetrachloroethane	2	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	106-93-4	1,2-Dibromoethane	2.2	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	107-06-2	1,2-Dichloroethane	1.5	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	108-10-1	4-Methyl-2-pentanone	4.2	UG_KG	0	36	UJ	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	96-12-8	1,2-Dibromo-3-chloropropane	4.1	UG_KG	0	15	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	96-18-4	1,2,3-Trichloropropane	2	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	108-88-3	Toluene	1.2	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	108-05-4	Vinyl acetate	2.2	UG_KG	0	15	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	108-90-7	Chlorobenzene	1.1	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	107-05-1	Allyl chloride	2.2	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	126-99-8	2-Chloro-1,3-butadiene	0.83	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	107-02-8	Acrolein	28	UG_KG	0	150	UJ	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	107-13-1	Acrylonitrile	33	UG_KG	0	150	UJ	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	97-63-2	Ethyl methacrylate	3.2	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	78-83-1	Isobutanol	100	UG_KG	0	290	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	124-48-1	Dibromochloromethane	0.73	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	126-98-7	Methacrylonitrile	35	UG_KG	0	150	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	80-62-6	Methyl methacrylate	5.4	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	127-18-4	Tetrachloroethene	1.1	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	1330-20-7	Xylene, total	3.3	UG_KG	0	15	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	100-41-4	Ethylbenzene	1.1	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	156-60-5	trans-1,2-Dichloroethene	1.4	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	76-01-7	Pentachloroethane	3.2	UG_KG	0	36	R	--
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	75-05-8	Acetonitrile	66	UG_KG	0	290	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	100-42-5	Styrene	0.96	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	74-88-4	Iodomethane	1.5	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	107-12-0	Propionitrile	31	UG_KG	0	150	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	110-57-6	trans-1,4-Dichloro-2-butene	4.5	UG_KG	0	15	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	10061-01-5	cis-1,3-Dichloropropene	1.3	UG_KG	0	7.3	UJ	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	56-23-5	Carbon tetrachloride	1.5	UG_KG	0	7.3	UJ	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	10061-02-6	trans-1,3-Dichloropropene	1.3	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	591-78-6	2-Hexanone	3.1	UG_KG	0	36	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.93	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	67-64-1	Acetone	79	UG_KG	0	73		Y
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	67-66-3	Chloroform	0.73	UG_KG	0	7.3	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	67-72-1	Hexachloroethane	9.8	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	7005-72-3	4-Chlorophenyl-phenylether	8.2	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	105-67-9	2,4-Dimethylphenol	22	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	106-46-7	1,4-Dichlorobenzene	8.2	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	77-47-4	Hexachlorocyclopentadiene	19	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	78-59-1	Isophorone	8.2	UG_KG	0	44	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	106-47-8	4-Chloroaniline	7.9	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	83-32-9	Acenaphthene	0.75	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	84-66-2	Diethylphthalate	15	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	84-74-2	Di-n-butylphthalate	33	UG_KG	0	220	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	85-01-8	Phenanthrene	2.2	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	85-68-7	Butylbenzylphthalate	9.5	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	86-30-6	n-Nitrosodiphenylamine	9.4	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	86-73-7	Fluorene	1	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	87-68-3	Hexachlorobutadiene	12	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	87-86-5	Pentachlorophenol	11	UG_KG	0	220	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	88-06-2	2,4,6-Trichlorophenol	10	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	88-74-4	2-Nitroaniline	8.6	UG_KG	0	220	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	88-75-5	2-Nitrophenol	9.7	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	HERB	88-85-7	Dinoseb	22	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	91-20-3	Naphthalene	0.79	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	91-57-6	2-Methylnaphthalene	2.2	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	91-58-7	2-Chloronaphthalene	8.2	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	91-94-1	3,3'-Dichlorobenzidine	12	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	95-48-7	2-Methylphenol	11	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	95-50-1	1,2-Dichlorobenzene	9.3	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	95-57-8	2-Chlorophenol	8.7	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	95-95-4	2,4,5-Trichlorophenol	9	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	98-95-3	Nitrobenzene	9.1	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	8.3	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	108-95-2	Phenol	6.3	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	62-53-3	Aniline	8.3	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	111-44-4	bis(2-Chloroethyl)ether	7.5	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	92-52-4	1,1-Biphenyl	9.8	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	111-91-1	bis(2-Chloroethoxy)methane	9	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	98-86-2	Acetophenone	11	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	42	UG_KG	0	44	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	117-84-0	Di-n-octylphthalate	4.4	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	118-74-1	Hexachlorobenzene	9	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	120-12-7	Anthracene	2.2	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	119-93-7	3,3'-Dimethylbenzidine	240	UG_KG	0	870	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	EXPLO	99-65-0	1,3-Dinitrobenzene	5.2	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	123-91-1	1,4-Dioxane	11	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	120-82-1	1,2,4-Trichlorobenzene	9.8	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	120-83-2	2,4-Dichlorophenol	11	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	121-14-2	2,4-Dinitrotoluene	7.8	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	70-30-4	Hexachlorophene	1100	UG_KG	0	22000	UJ	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	100-02-7	4-Nitrophenol	44	UG_KG	0	220	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	95-53-4	2-Methylaniline	12	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.9	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	924-16-3	n-Nitroso-di-n-butylamine	12	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	55-18-5	n-Nitrosodiethylamine	16	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	62-75-9	n-Nitrosodimethylamine	13	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	7.5	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	930-55-2	n-Nitrosopyrrolidine	12	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	129-00-0	Pyrene	2.3	UG_KG	0	8.9	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	56-38-2	Parathion	10	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	608-93-5	Pentachlorobenzene	8.2	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	131-11-3	Dimethyl phthalate	8.5	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	82-68-8	Pentachloronitrobenzene	7.8	UG_KG	0	44	R	--
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	106-50-3	p-Phenylenediamine	210	UG_KG	0	870	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	132-64-9	Dibenzofuran	5.6	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	8.3	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5.6	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	EXPLO	99-35-4	1,3,5-Trinitrobenzene	22	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	191-24-2	Benzo(g,h,i)perylene	2.2	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	87-65-0	2,6-Dichlorophenol	8.5	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.6	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	205-99-2	Benzo(b)fluoranthene	2.1	UG_KG	0	8.9	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	92-67-1	4-Aminobiphenyl	17	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	m&pCRESOL	3- and 4-Methylphenol	9.7	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	109-06-8	2-Picoline	16	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	122-09-8	a,a-Dimethylphenethylamine	78	UG_KG	0	8900	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	56-49-5	3-Methylcholanthrene	8.1	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	206-44-0	Fluoranthene	2.3	UG_KG	0	8.9	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	12	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	60-11-7	p-Dimethylaminoazobenzene	9.4	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	62-44-2	Phenacetin	6.2	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	62-50-0	Ethyl methanesulfonate	15	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	66-27-3	Methyl methanesulfonate	12	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	101-55-3	4-Bromophenyl-phenylether	9.4	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	207-08-9	Benzo(k)fluoranthene	1.4	UG_KG	0	8.9	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	99-09-2	3-Nitroaniline	5.9	UG_KG	0	220	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	100-01-6	4-Nitroaniline	10	UG_KG	0	220	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	208-96-8	Acenaphthylene	2.2	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	218-01-9	Chrysene	2	UG_KG	0	8.9	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	298-00-0	Methyl parathion	4.4	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	298-04-4	Disulfoton	7.8	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	130-15-4	1,4-Naphthoquinone	5.2	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	53-96-3	2-Acetylaminofluorene	6.7	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	91-59-8	2-Naphthylamine	26	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	56-57-5	4-Nitroquinoline-1-oxide	15	UG_KG	0	440	R	--
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	140-57-8	Aramite	15	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	HERB	2303-16-4	Diallate	13	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	60-51-5	Dimethoate	4.4	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	52-85-7	Famphur	4.8	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	1888-71-7	Hexachloropropene	9.5	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	120-58-1	Isosafrole	9.4	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	91-80-5	Methapyrilene	12	UG_KG	0	8900	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	59-89-2	N-Nitrosomorpholine	8.7	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	100-75-4	N-Nitrosopiperidine	11	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	21	UG_KG	0	87	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	298-02-2	Phorate	11	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	23950-58-5	Pronamide	12	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	94-59-7	Safrole	11	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	100-51-6	Benzyl alcohol	11	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	50-32-8	Benzo(a)pyrene	2.1	UG_KG	0	8.9	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	51-28-5	2,4-Dinitrophenol	110	UG_KG	0	440	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	53-70-3	Dibenz(a,h)anthracene	0.78	UG_KG	0	8.9	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	7.7	UG_KG	0	220	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	VOA	541-73-1	1,3-Dichlorobenzene	7.9	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	56-55-3	Benzo(a)anthracene	2.9	UG_KG	0	8.9	J	Y
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	59-50-7	4-Chloro-3-methylphenol	9.9	UG_KG	0	44	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	606-20-2	2,6-Dinitrotoluene	8.2	UG_KG	0	44	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	FD	78SB08-00D	SVOA	621-64-7	n-Nitroso-di-n-propylamine	8.6	UG_KG	0	44	U	N
5/30/2008	SS	0	1	N	78SB08-00	METAL	7439-92-1	Lead	4.2	MG_KG	0	0.41	R	--
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-02-0	Nickel	20	MG_KG	0	0.28		Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-22-4	Silver	0.13	MG_KG	0	0.28	J	Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-28-0	Thallium	0.17	MG_KG	0	0.55	U	N
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-36-0	Antimony	0.28	MG_KG	0	0.69	UJ	N
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-38-2	Arsenic	2.8	MG_KG	0	0.69		Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-39-3	Barium	260	MG_KG	0	1.4	J	Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-41-7	Beryllium	0.34	MG_KG	0	0.14		Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-43-9	Cadmium	0.12	MG_KG	0	0.14	J	Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-47-3	Chromium	11	MG_KG	0	1.4	J	Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-48-4	Cobalt	41	MG_KG	0	0.14		Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-50-8	Copper	280	MG_KG	0	2.8		Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-62-2	Vanadium	250	MG_KG	0	1.4		Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-66-6	Zinc	70	MG_KG	0	5.5	J	Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7782-49-2	Selenium	0.18	MG_KG	0	0.69	J	Y
5/30/2008	SS	0	1	N	78SB08-00	METAL	7440-31-5	Tin	5.5	MG_KG	0	28	U	N
5/30/2008	SS	0	1	N	78SB08-00	METAL	7439-97-6	Mercury	0.0063	MG_KG	0	0.027	J	Y
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	11096-82-5	Aroclor-1260	6.8	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	11097-69-1	Aroclor-1254	3.3	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	11104-28-2	Aroclor-1221	18	UG_KG	0	95	U	N
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	11141-16-5	Aroclor-1232	11	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	12672-29-6	Aroclor-1248	7.2	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	12674-11-2	Aroclor-1016	5.4	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	53469-21-9	Aroclor-1242	6.8	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	71-43-2	Benzene	1.3	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	71-55-6	1,1,1-Trichloroethane	0.94	UG_KG	0	8.1	UJ	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	74-83-9	Bromomethane	2.6	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	74-87-3	Chloromethane	1.1	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	74-95-3	Dibromomethane	1.9	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-00-3	Chloroethane	1.9	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-01-4	Vinyl chloride	0.94	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-09-2	Methylene chloride	1.6	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-15-0	Carbon disulfide	0.83	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-25-2	Bromoform	1.8	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-27-4	Bromodichloromethane	1.3	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-34-3	1,1-Dichloroethane	0.81	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-35-4	1,1-Dichloroethene	0.87	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	2.4	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.4	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	78-87-5	1,2-Dichloropropane	1.8	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	78-93-3	2-Butanone	6.2	UG_KG	0	40	UJ	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	79-00-5	1,1,2-Trichloroethane	1.9	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	79-01-6	Trichloroethene	1.6	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	2.3	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	106-93-4	1,2-Dibromoethane	2.4	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	107-06-2	1,2-Dichloroethane	1.6	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	108-10-1	4-Methyl-2-pentanone	4.7	UG_KG	0	40	UJ	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	4.5	UG_KG	0	16	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	96-18-4	1,2,3-Trichloropropane	2.3	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	108-88-3	Toluene	1.3	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	108-05-4	Vinyl acetate	2.4	UG_KG	0	16	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	108-90-7	Chlorobenzene	1.2	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	107-05-1	Allyl chloride	2.4	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.92	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	107-02-8	Acrolein	31	UG_KG	0	160	UJ	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	107-13-1	Acrylonitrile	37	UG_KG	0	160	UJ	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	97-63-2	Ethyl methacrylate	3.6	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	78-83-1	Isobutanol	110	UG_KG	0	320	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	124-48-1	Dibromochloromethane	0.81	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	126-98-7	Methacrylonitrile	39	UG_KG	0	160	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	80-62-6	Methyl methacrylate	6	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	127-18-4	Tetrachloroethene	1.2	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	1330-20-7	Xylene, total	3.7	UG_KG	0	16	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	100-41-4	Ethylbenzene	1.2	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.6	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	76-01-7	Pentachloroethane	3.6	UG_KG	0	40	R	--
5/30/2008	SS	0	1	N	78SB08-00	VOA	75-05-8	Acetonitrile	73	UG_KG	0	320	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	100-42-5	Styrene	1.1	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	74-88-4	Iodomethane	1.6	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	107-12-0	Propionitrile	34	UG_KG	0	160	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	5	UG_KG	0	16	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	10061-01-5	cis-1,3-Dichloropropene	1.4	UG_KG	0	8.1	UJ	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	56-23-5	Carbon tetrachloride	1.6	UG_KG	0	8.1	UJ	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	10061-02-6	trans-1,3-Dichloropropene	1.4	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	591-78-6	2-Hexanone	3.4	UG_KG	0	40	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	1	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	67-64-1	Acetone	100	UG_KG	0	81		Y
5/30/2008	SS	0	1	N	78SB08-00	VOA	67-66-3	Chloroform	0.81	UG_KG	0	8.1	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	67-72-1	Hexachloroethane	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	8.8	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	105-67-9	2,4-Dimethylphenol	24	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	106-46-7	1,4-Dichlorobenzene	9.1	UG_KG	0	47	J	Y
5/30/2008	SS	0	1	N	78SB08-00	SVOA	77-47-4	Hexachlorocyclopentadiene	20	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	78-59-1	Isophorone	8.8	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	106-47-8	4-Chloroaniline	8.5	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	83-32-9	Acenaphthene	0.81	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	84-66-2	Diethylphthalate	16	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	84-74-2	Di-n-butylphthalate	35	UG_KG	0	240	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	85-01-8	Phenanthrene	2.4	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	85-68-7	Butylbenzylphthalate	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	86-30-6	n-Nitrosodiphenylamine	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	86-73-7	Fluorene	1.1	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	87-68-3	Hexachlorobutadiene	13	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	87-86-5	Pentachlorophenol	12	UG_KG	0	240	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	88-06-2	2,4,6-Trichlorophenol	11	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	88-74-4	2-Nitroaniline	9.2	UG_KG	0	240	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	88-75-5	2-Nitrophenol	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	HERB	88-85-7	Dinoseb	24	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	91-20-3	Naphthalene	0.85	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	91-57-6	2-Methylnaphthalene	2.4	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	91-58-7	2-Chloronaphthalene	8.8	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	13	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	95-48-7	2-Methylphenol	11	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	95-50-1	1,2-Dichlorobenzene	9.9	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	95-57-8	2-Chlorophenol	9.3	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	95-95-4	2,4,5-Trichlorophenol	9.6	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	98-95-3	Nitrobenzene	9.8	UG_KG	0	47	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB08-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	8.9	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	108-95-2	Phenol	6.8	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	62-53-3	Aniline	8.9	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	8.1	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	92-52-4	1,1-Biphenyl	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	9.6	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	98-86-2	Acetophenone	12	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	37	UG_KG	0	47	J	Y
5/30/2008	SS	0	1	N	78SB08-00	SVOA	117-84-0	Di-n-octylphthalate	4.7	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	118-74-1	Hexachlorobenzene	9.6	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	120-12-7	Anthracene	2.4	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	250	UG_KG	0	930	U	N
5/30/2008	SS	0	1	N	78SB08-00	EXPLO	99-65-0	1,3-Dinitrobenzene	5.5	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	123-91-1	1,4-Dioxane	11	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	120-82-1	1,2,4-Trichlorobenzene	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	120-83-2	2,4-Dichlorophenol	11	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	121-14-2	2,4-Dinitrotoluene	8.3	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	70-30-4	Hexachlorophene	1200	UG_KG	0	24000	R	--
5/30/2008	SS	0	1	N	78SB08-00	SVOA	100-02-7	4-Nitrophenol	47	UG_KG	0	240	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	95-53-4	2-Methylaniline	13	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	8.5	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	13	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	55-18-5	n-Nitrosodiethylamine	17	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	62-75-9	n-Nitrosodimethylamine	14	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	8.1	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	930-55-2	n-Nitrosopyrrolidine	13	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	129-00-0	Pyrene	2.6	UG_KG	0	9.5	J	Y
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	56-38-2	Parathion	11	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	608-93-5	Pentachlorobenzene	8.8	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	131-11-3	Dimethyl phthalate	9.1	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	82-68-8	Pentachloronitrobenzene	8.3	UG_KG	0	47	R	--
5/30/2008	SS	0	1	N	78SB08-00	SVOA	106-50-3	p-Phenylenediamine	230	UG_KG	0	930	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	132-64-9	Dibenzofuran	5.9	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	8.9	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5.9	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	24	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	191-24-2	Benzo(g,h,i)perylene	3.8	UG_KG	0	9.5	J	Y
5/30/2008	SS	0	1	N	78SB08-00	SVOA	87-65-0	2,6-Dichlorophenol	9.1	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.7	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	205-99-2	Benzo(b)fluoranthene	1.1	UG_KG	0	9.5	J	Y
5/30/2008	SS	0	1	N	78SB08-00	SVOA	92-67-1	4-Aminobiphenyl	18	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	109-06-8	2-Picoline	17	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	83	UG_KG	0	9500	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	56-49-5	3-Methylcholanthrene	8.6	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	206-44-0	Fluoranthene	2.4	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	13	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	62-44-2	Phenacetin	6.6	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	62-50-0	Ethyl methanesulfonate	16	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	66-27-3	Methyl methanesulfonate	13	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	101-55-3	4-Bromophenyl-phenylether	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.4	UG_KG	0	9.5	J	Y
5/30/2008	SS	0	1	N	78SB08-00	SVOA	99-09-2	3-Nitroaniline	6.4	UG_KG	0	240	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	100-01-6	4-Nitroaniline	11	UG_KG	0	240	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	208-96-8	Acenaphthylene	2.4	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	218-01-9	Chrysene	1.3	UG_KG	0	9.5	J	Y
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	298-00-0	Methyl parathion	4.7	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	298-04-4	Disulfoton	8.3	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	130-15-4	1,4-Naphthoquinone	5.5	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	53-96-3	2-Acetylaminofluorene	7.2	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	91-59-8	2-Naphthylamine	28	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	16	UG_KG	0	470	R	--
5/30/2008	SS	0	1	N	78SB08-00	SVOA	140-57-8	Aramite	16	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	HERB	2303-16-4	Diallate	14	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	60-51-5	Dimethoate	4.7	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	52-85-7	Famphur	5.1	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	1888-71-7	Hexachloropropene	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	120-58-1	Isosafrole	10	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	91-80-5	Methapyrilene	13	UG_KG	0	9500	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	59-89-2	N-Nitrosomorpholine	9.3	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	100-75-4	N-Nitrosopiperidine	12	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	23	UG_KG	0	93	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	298-02-2	Phorate	12	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	23950-58-5	Pronamide	13	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	94-59-7	Safrole	12	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	100-51-6	Benzyl alcohol	11	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	50-32-8	Benzo(a)pyrene	1.2	UG_KG	0	9.5	J	Y
5/30/2008	SS	0	1	N	78SB08-00	SVOA	51-28-5	2,4-Dinitrophenol	120	UG_KG	0	470	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.83	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	8.2	UG_KG	0	240	U	N
5/30/2008	SS	0	1	N	78SB08-00	VOA	541-73-1	1,3-Dichlorobenzene	8.5	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	56-55-3	Benzo(a)anthracene	2.4	UG_KG	0	9.5	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	59-50-7	4-Chloro-3-methylphenol	11	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	606-20-2	2,6-Dinitrotoluene	8.8	UG_KG	0	47	U	N
5/30/2008	SS	0	1	N	78SB08-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	9.2	UG_KG	0	47	U	N
5/30/2008	SB	1	3	N	78SB08-01	METAL	7439-92-1	Lead	0.68	MG_KG	0	0.31		Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-02-0	Nickel	6.3	MG_KG	0	0.21		Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-22-4	Silver	0.022	MG_KG	0	0.21	J	Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.42	U	N
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-36-0	Antimony	0.078	MG_KG	0	0.52	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-38-2	Arsenic	0.66	MG_KG	0	0.52		Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-39-3	Barium	33	MG_KG	0	1		Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-41-7	Beryllium	0.21	MG_KG	0	0.1		Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-43-9	Cadmium	0.059	MG_KG	0	0.1	J	Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-47-3	Chromium	9.9	MG_KG	0	1	J	Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-48-4	Cobalt	7.9	MG_KG	0	0.1		Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-50-8	Copper	200	MG_KG	0	2.1		Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-62-2	Vanadium	110	MG_KG	0	1		Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-66-6	Zinc	19	MG_KG	0	4.2	J	Y
5/30/2008	SB	1	3	N	78SB08-01	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.52	U	N
5/30/2008	SB	1	3	N	78SB08-01	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/30/2008	SB	1	3	N	78SB08-01	METAL	7439-97-6	Mercury	0.0043	MG_KG	0	0.021	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	11096-82-5	Aroclor-1260	5.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	79	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	11141-16-5	Aroclor-1232	8.8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	12672-29-6	Aroclor-1248	6	UG_KG	0	39	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	12674-11-2	Aroclor-1016	4.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	53469-21-9	Aroclor-1242	5.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	71-43-2	Benzene	0.99	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	71-55-6	1,1,1-Trichloroethane	0.73	UG_KG	0	6.3	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	74-83-9	Bromomethane	2	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	74-87-3	Chloromethane	0.89	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	74-95-3	Dibromomethane	1.5	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-00-3	Chloroethane	1.5	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-01-4	Vinyl chloride	0.73	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-09-2	Methylene chloride	1.3	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-15-0	Carbon disulfide	0.64	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-25-2	Bromoform	1.4	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-27-4	Bromodichloromethane	1	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-34-3	1,1-Dichloroethane	0.63	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-35-4	1,1-Dichloroethene	0.68	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.9	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	78-87-5	1,2-Dichloropropane	1.4	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	78-93-3	2-Butanone	3.4	UG_KG	0	31	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	79-00-5	1,1,2-Trichloroethane	1.5	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	79-01-6	Trichloroethene	1.3	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.8	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	106-93-4	1,2-Dibromoethane	1.9	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	107-06-2	1,2-Dichloroethane	1.3	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	108-10-1	4-Methyl-2-pentanone	3.6	UG_KG	0	31	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.5	UG_KG	0	13	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	96-18-4	1,2,3-Trichloropropane	1.8	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	108-88-3	Toluene	0.99	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	108-05-4	Vinyl acetate	1.9	UG_KG	0	13	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	108-90-7	Chlorobenzene	0.92	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	107-05-1	Allyl chloride	1.9	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.72	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	107-02-8	Acrolein	24	UG_KG	0	130	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	107-13-1	Acrylonitrile	29	UG_KG	0	130	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	97-63-2	Ethyl methacrylate	2.8	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	78-83-1	Isobutanol	87	UG_KG	0	250	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	124-48-1	Dibromochloromethane	0.63	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	126-98-7	Methacrylonitrile	30	UG_KG	0	130	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	80-62-6	Methyl methacrylate	4.7	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	127-18-4	Tetrachloroethene	0.92	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	1330-20-7	Xylene, total	2.9	UG_KG	0	13	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	100-41-4	Ethylbenzene	0.94	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	76-01-7	Pentachloroethane	2.8	UG_KG	0	31	R	--
5/30/2008	SB	1	3	N	78SB08-01	VOA	75-05-8	Acetonitrile	57	UG_KG	0	250	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	100-42-5	Styrene	0.83	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	74-88-4	Iodomethane	1.3	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	107-12-0	Propionitrile	26	UG_KG	0	130	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.9	UG_KG	0	13	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	10061-01-5	cis-1,3-Dichloropropene	1.1	UG_KG	0	6.3	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	56-23-5	Carbon tetrachloride	1.3	UG_KG	0	6.3	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	10061-02-6	trans-1,3-Dichloropropene	1.1	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	591-78-6	2-Hexanone	2.6	UG_KG	0	31	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.81	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	67-64-1	Acetone	34	UG_KG	0	63	J	Y
5/30/2008	SB	1	3	N	78SB08-01	VOA	67-66-3	Chloroform	0.63	UG_KG	0	6.3	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	67-72-1	Hexachloroethane	8.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	106-46-7	1,4-Dichlorobenzene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	78-59-1	Isophorone	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	106-47-8	4-Chloroaniline	7	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	83-32-9	Acenaphthene	0.67	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	84-74-2	Di-n-butylphthalate	29	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	85-68-7	Butylbenzylphthalate	8.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	86-30-6	n-Nitrosodiphenylamine	8.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	86-73-7	Fluorene	0.9	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	87-86-5	Pentachlorophenol	9.7	UG_KG	0	200	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	88-06-2	2,4,6-Trichlorophenol	9.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	88-74-4	2-Nitroaniline	7.6	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	88-75-5	2-Nitrophenol	8.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	HERB	88-85-7	Dinoseb	20	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	91-20-3	Naphthalene	0.7	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	91-58-7	2-Chloronaphthalene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	95-48-7	2-Methylphenol	9.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	95-50-1	1,2-Dichlorobenzene	8.2	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	95-57-8	2-Chlorophenol	7.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	95-95-4	2,4,5-Trichlorophenol	8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	98-95-3	Nitrobenzene	8.1	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	108-95-2	Phenol	5.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	62-53-3	Aniline	7.4	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	92-52-4	1,1-Biphenyl	8.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	98-86-2	Acetophenone	10	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	10	UG_KG	0	39	J	Y
5/30/2008	SB	1	3	N	78SB08-01	SVOA	117-84-0	Di-n-octylphthalate	3.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	118-74-1	Hexachlorobenzene	8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	770	U	N
5/30/2008	SB	1	3	N	78SB08-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	123-91-1	1,4-Dioxane	9.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	120-83-2	2,4-Dichlorophenol	9.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	121-14-2	2,4-Dinitrotoluene	6.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	70-30-4	Hexachlorophene	970	UG_KG	0	20000	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	100-02-7	4-Nitrophenol	39	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	77	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB08-01	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	129-00-0	Pyrene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	56-38-2	Parathion	9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	608-93-5	Pentachlorobenzene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	131-11-3	Dimethyl phthalate	7.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	82-68-8	Pentachloronitrobenzene	6.9	UG_KG	0	39	R	--
5/30/2008	SB	1	3	N	78SB08-01	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	770	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	132-64-9	Dibenzofuran	4.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	87-65-0	2,6-Dichlorophenol	7.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.89	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	109-06-8	2-Picoline	14	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	69	UG_KG	0	7900	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	56-49-5	3-Methylcholanthrene	7.1	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	62-44-2	Phenacetin	5.5	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	101-55-3	4-Bromophenyl-phenylether	8.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.9	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	99-09-2	3-Nitroaniline	5.3	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	100-01-6	4-Nitroaniline	9	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	218-01-9	Chrysene	0.71	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	298-00-0	Methyl parathion	3.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	298-04-4	Disulfoton	6.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	130-15-4	1,4-Naphthoquinone	4.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	53-96-3	2-Acetylaminofluorene	6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	91-59-8	2-Naphthylamine	23	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	390	R	--
5/30/2008	SB	1	3	N	78SB08-01	SVOA	140-57-8	Aramite	13	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	HERB	2303-16-4	Diallate	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	60-51-5	Dimethoate	3.9	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	52-85-7	Famphur	4.2	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	1888-71-7	Hexachloropropene	8.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	120-58-1	Isosafrole	8.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7900	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	59-89-2	N-Nitrosomorpholine	7.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	100-75-4	N-Nitrosopiperidine	10	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	77	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	298-02-2	Phorate	9.6	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	23950-58-5	Pronamide	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	94-59-7	Safrole	9.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	100-51-6	Benzyl alcohol	9.4	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	50-32-8	Benzo(a)pyrene	0.77	UG_KG	0	7.9	UJ	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	51-28-5	2,4-Dinitrophenol	97	UG_KG	0	390	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.69	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.8	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB08-01	VOA	541-73-1	1,3-Dichlorobenzene	7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	7.9	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.8	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	606-20-2	2,6-Dinitrotoluene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB08-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	METAL	7439-92-1	Lead	0.5	MG_KG	0	0.32		Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-02-0	Nickel	12	MG_KG	0	0.21		Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-22-4	Silver	0.053	MG_KG	0	0.21	J	Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.42	U	N
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-36-0	Antimony	0.079	MG_KG	0	0.53	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-38-2	Arsenic	0.62	MG_KG	0	0.53		Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-39-3	Barium	42	MG_KG	0	1.1		Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-41-7	Beryllium	0.15	MG_KG	0	0.11		Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-43-9	Cadmium	0.062	MG_KG	0	0.11	J	Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-47-3	Chromium	12	MG_KG	0	1.1	J	Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-48-4	Cobalt	19	MG_KG	0	0.11		Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-50-8	Copper	82	MG_KG	0	2.1		Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-62-2	Vanadium	130	MG_KG	0	1.1		Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-66-6	Zinc	29	MG_KG	0	4.2	J	Y
5/30/2008	SB	3	5	N	78SB08-02	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.53	U	N
5/30/2008	SB	3	5	N	78SB08-02	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/30/2008	SB	3	5	N	78SB08-02	METAL	7439-97-6	Mercury	0.0043	MG_KG	0	0.022	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	11096-82-5	Aroclor-1260	5.6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	79	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	11141-16-5	Aroclor-1232	8.8	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	12672-29-6	Aroclor-1248	6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	12674-11-2	Aroclor-1016	4.5	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	53469-21-9	Aroclor-1242	5.6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	71-43-2	Benzene	0.91	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	71-55-6	1,1,1-Trichloroethane	0.67	UG_KG	0	5.8	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	74-83-9	Bromomethane	1.8	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	74-87-3	Chloromethane	0.82	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	74-95-3	Dibromomethane	1.4	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-00-3	Chloroethane	1.4	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-01-4	Vinyl chloride	0.67	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-09-2	Methylene chloride	1.2	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-15-0	Carbon disulfide	0.59	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-25-2	Bromoform	1.3	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-27-4	Bromodichloromethane	0.96	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-34-3	1,1-Dichloroethane	0.58	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-35-4	1,1-Dichloroethene	0.62	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.7	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	78-87-5	1,2-Dichloropropane	1.3	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	78-93-3	2-Butanone	3.1	UG_KG	0	29	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	79-00-5	1,1,2-Trichloroethane	1.4	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	79-01-6	Trichloroethene	1.2	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.6	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	106-93-4	1,2-Dibromoethane	1.7	UG_KG	0	5.8	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	3	5	N	78SB08-02	VOA	107-06-2	1,2-Dichloroethane	1.2	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	108-10-1	4-Methyl-2-pentanone	3.3	UG_KG	0	29	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.2	UG_KG	0	12	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	96-18-4	1,2,3-Trichloropropane	1.6	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	108-88-3	Toluene	0.91	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	108-05-4	Vinyl acetate	1.7	UG_KG	0	12	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	108-90-7	Chlorobenzene	0.84	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	107-05-1	Allyl chloride	1.7	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	126-99-8	2-Chloro-1,3-butadiene	0.66	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	107-02-8	Acrolein	22	UG_KG	0	120	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	107-13-1	Acrylonitrile	26	UG_KG	0	120	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	97-63-2	Ethyl methacrylate	2.5	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	78-83-1	Isobutanol	79	UG_KG	0	230	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	124-48-1	Dibromochloromethane	0.58	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	126-98-7	Methacrylonitrile	28	UG_KG	0	120	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	80-62-6	Methyl methacrylate	4.3	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	127-18-4	Tetrachloroethene	0.84	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	1330-20-7	Xylene, total	2.6	UG_KG	0	12	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	100-41-4	Ethylbenzene	0.86	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	76-01-7	Pentachloroethane	2.5	UG_KG	0	29	R	--
5/30/2008	SB	3	5	N	78SB08-02	VOA	75-05-8	Acetonitrile	52	UG_KG	0	230	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	100-42-5	Styrene	0.76	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	74-88-4	Iodomethane	1.2	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	107-12-0	Propionitrile	24	UG_KG	0	120	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.6	UG_KG	0	12	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	10061-01-5	cis-1,3-Dichloropropene	1	UG_KG	0	5.8	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	56-23-5	Carbon tetrachloride	1.2	UG_KG	0	5.8	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	10061-02-6	trans-1,3-Dichloropropene	1	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	591-78-6	2-Hexanone	2.4	UG_KG	0	29	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.74	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	67-64-1	Acetone	17	UG_KG	0	58	J	Y
5/30/2008	SB	3	5	N	78SB08-02	VOA	67-66-3	Chloroform	0.58	UG_KG	0	5.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	67-72-1	Hexachloroethane	8.7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	106-46-7	1,4-Dichlorobenzene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	78-59-1	Isophorone	7.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	106-47-8	4-Chloroaniline	7	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	83-32-9	Acenaphthene	0.67	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	84-74-2	Di-n-butylphthalate	29	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	85-68-7	Butylbenzylphthalate	8.4	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	86-30-6	n-Nitrosodiphenylamine	8.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	86-73-7	Fluorene	0.9	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	87-86-5	Pentachlorophenol	9.7	UG_KG	0	200	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	88-06-2	2,4,6-Trichlorophenol	9.2	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	88-74-4	2-Nitroaniline	7.6	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	88-75-5	2-Nitrophenol	8.5	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	HERB	88-85-7	Dinoseb	20	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	91-20-3	Naphthalene	0.7	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	91-58-7	2-Chloronaphthalene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	95-48-7	2-Methylphenol	9.5	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	95-50-1	1,2-Dichlorobenzene	8.2	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	95-57-8	2-Chlorophenol	7.7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	95-95-4	2,4,5-Trichlorophenol	8	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	98-95-3	Nitrobenzene	8.1	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.4	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	108-95-2	Phenol	5.6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	62-53-3	Aniline	7.4	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	92-52-4	1,1-Biphenyl	8.7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	98-86-2	Acetophenone	10	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	5.6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	117-84-0	Di-n-octylphthalate	3.9	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	118-74-1	Hexachlorobenzene	8	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	770	U	N
5/30/2008	SB	3	5	N	78SB08-02	EXPLO	99-65-0	1,3-Dinitrobenzene	4.6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	123-91-1	1,4-Dioxane	9.4	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	120-82-1	1,2,4-Trichlorobenzene	8.7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	120-83-2	2,4-Dichlorophenol	9.5	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	121-14-2	2,4-Dinitrotoluene	6.9	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	70-30-4	Hexachlorophene	970	UG_KG	0	20000	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	100-02-7	4-Nitrophenol	39	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	99-55-8	2-Methyl-5-nitroaniline	7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	129-00-0	Pyrene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	56-38-2	Parathion	9	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	608-93-5	Pentachlorobenzene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	131-11-3	Dimethyl phthalate	7.5	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	82-68-8	Pentachloronitrobenzene	6.9	UG_KG	0	39	R	--
5/30/2008	SB	3	5	N	78SB08-02	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	770	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	132-64-9	Dibenzofuran	4.9	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.4	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.9	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	87-65-0	2,6-Dichlorophenol	7.5	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	205-99-2	Benzo(b)fluoranthene	0.89	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.5	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	109-06-8	2-Picoline	14	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	122-09-8	a,a-Dimethylphenethylamine	69	UG_KG	0	7800	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	56-49-5	3-Methylcholanthrene	7.1	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	7.8	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	3	5	N	78SB08-02	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	62-44-2	Phenacetin	5.5	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	101-55-3	4-Bromophenyl-phenylether	8.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.8	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	99-09-2	3-Nitroaniline	5.3	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	100-01-6	4-Nitroaniline	9	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	218-01-9	Chrysene	0.71	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	298-00-0	Methyl parathion	3.9	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	298-04-4	Disulfoton	6.9	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	130-15-4	1,4-Naphthoquinone	4.6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	53-96-3	2-Acetylaminofluorene	6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	91-59-8	2-Naphthylamine	23	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	390	R	--
5/30/2008	SB	3	5	N	78SB08-02	SVOA	140-57-8	Aramite	13	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	HERB	2303-16-4	Diallate	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	60-51-5	Dimethoate	3.9	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	52-85-7	Famphur	4.2	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	1888-71-7	Hexachloropropene	8.4	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	120-58-1	Isosafrole	8.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7800	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	59-89-2	N-Nitrosomorpholine	7.7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	100-75-4	N-Nitrosopiperidine	9.9	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	77	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	298-02-2	Phorate	9.6	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	23950-58-5	Pronamide	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	94-59-7	Safrole	9.7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	100-51-6	Benzyl alcohol	9.4	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	50-32-8	Benzo(a)pyrene	0.77	UG_KG	0	7.8	UJ	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	51-28-5	2,4-Dinitrophenol	97	UG_KG	0	390	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	53-70-3	Dibenz(a,h)anthracene	0.69	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.8	UG_KG	0	200	U	N
5/30/2008	SB	3	5	N	78SB08-02	VOA	541-73-1	1,3-Dichlorobenzene	7	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	7.8	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	59-50-7	4-Chloro-3-methylphenol	8.8	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	606-20-2	2,6-Dinitrotoluene	7.3	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB09-00	METAL	7439-92-1	Lead	1.3	MG_KG	0	0.3		Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-02-0	Nickel	19	MG_KG	0	0.2		Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-22-4	Silver	0.093	MG_KG	0	0.2	J	Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-28-0	Thallium	0.17	MG_KG	0	0.41	J	Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-36-0	Antimony	0.1	MG_KG	0	0.51	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-38-2	Arsenic	0.58	MG_KG	0	0.51		Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-39-3	Barium	100	MG_KG	0	1		Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-41-7	Beryllium	0.24	MG_KG	0	0.1		Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-43-9	Cadmium	0.038	MG_KG	0	0.1	J	Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-47-3	Chromium	20	MG_KG	0	1	J	Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-48-4	Cobalt	27	MG_KG	0	0.1		Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-50-8	Copper	110	MG_KG	0	2		Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-62-2	Vanadium	200	MG_KG	0	1		Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-66-6	Zinc	57	MG_KG	0	4.1	J	Y
5/29/2008	SS	0	1	N	78SB09-00	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.51	U	N
5/29/2008	SS	0	1	N	78SB09-00	METAL	7440-31-5	Tin	4.1	MG_KG	0	20	U	N
5/29/2008	SS	0	1	N	78SB09-00	METAL	7439-97-6	Mercury	0.0041	MG_KG	0	0.021	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	11096-82-5	Aroclor-1260	5.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	74	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	11141-16-5	Aroclor-1232	8.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	12672-29-6	Aroclor-1248	5.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	12674-11-2	Aroclor-1016	4.2	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	53469-21-9	Aroclor-1242	5.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	71-43-2	Benzene	0.87	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	71-55-6	1,1,1-Trichloroethane	0.64	UG_KG	0	5.5	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	74-83-9	Bromomethane	1.8	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	74-87-3	Chloromethane	0.79	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-01-4	Vinyl chloride	0.64	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-15-0	Carbon disulfide	0.56	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-27-4	Bromodichloromethane	0.92	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-34-3	1,1-Dichloroethane	0.55	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-35-4	1,1-Dichloroethene	0.6	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.7	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.98	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	78-93-3	2-Butanone	3	UG_KG	0	28	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	106-93-4	1,2-Dibromoethane	1.7	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	108-10-1	4-Methyl-2-pentanone	3.2	UG_KG	0	28	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.1	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	108-88-3	Toluene	0.87	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	108-05-4	Vinyl acetate	1.7	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	108-90-7	Chlorobenzene	0.81	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	107-05-1	Allyl chloride	1.7	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.63	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	107-02-8	Acrolein	21	UG_KG	0	110	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	78-83-1	Isobutanol	76	UG_KG	0	220	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	124-48-1	Dibromochloromethane	0.55	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	126-98-7	Methacrylonitrile	27	UG_KG	0	110	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	80-62-6	Methyl methacrylate	4.1	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	127-18-4	Tetrachloroethene	0.81	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	100-41-4	Ethylbenzene	0.83	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	28	R	--
5/29/2008	SS	0	1	N	78SB09-00	VOA	75-05-8	Acetonitrile	50	UG_KG	0	220	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	100-42-5	Styrene	0.73	UG_KG	0	5.5	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB09-00	VOA	74-88-4	Iodomethane	1.1	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	107-12-0	Propionitrile	23	UG_KG	0	110	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.4	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.96	UG_KG	0	5.5	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.5	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.96	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	591-78-6	2-Hexanone	2.3	UG_KG	0	28	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.71	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	67-64-1	Acetone	11	UG_KG	0	55	J	Y
5/29/2008	SS	0	1	N	78SB09-00	VOA	67-66-3	Chloroform	0.55	UG_KG	0	5.5	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	67-72-1	Hexachloroethane	8.2	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	106-46-7	1,4-Dichlorobenzene	6.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	78-59-1	Isophorone	6.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	106-47-8	4-Chloroaniline	6.6	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	83-32-9	Acenaphthene	0.63	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	85-68-7	Butylbenzylphthalate	8	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	86-30-6	n-Nitrosodiphenylamine	7.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	86-73-7	Fluorene	0.85	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	87-86-5	Pentachlorophenol	9.2	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	88-06-2	2,4,6-Trichlorophenol	8.7	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	88-74-4	2-Nitroaniline	7.2	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	88-75-5	2-Nitrophenol	8.1	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	HERB	88-85-7	Dinoseb	19	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	91-20-3	Naphthalene	0.66	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	91-58-7	2-Chloronaphthalene	6.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	95-48-7	2-Methylphenol	9	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	95-50-1	1,2-Dichlorobenzene	7.7	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	95-57-8	2-Chlorophenol	7.3	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	95-95-4	2,4,5-Trichlorophenol	7.5	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	98-95-3	Nitrobenzene	7.6	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	108-95-2	Phenol	5.3	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	62-53-3	Aniline	7	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.3	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	92-52-4	1,1-Biphenyl	8.2	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.5	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	98-86-2	Acetophenone	9.5	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	13	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	117-84-0	Di-n-octylphthalate	3.7	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	118-74-1	Hexachlorobenzene	7.5	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	730	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	123-91-1	1,4-Dioxane	8.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	120-82-1	1,2,4-Trichlorobenzene	8.2	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	120-83-2	2,4-Dichlorophenol	9	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	121-14-2	2,4-Dinitrotoluene	6.5	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	70-30-4	Hexachlorophene	920	UG_KG	0	19000	R	--
5/29/2008	SS	0	1	N	78SB09-00	SVOA	100-02-7	4-Nitrophenol	37	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.6	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.3	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	930-55-2	n-Nitrosopyrrolidine	9.8	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	56-38-2	Parathion	8.5	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	608-93-5	Pentachlorobenzene	6.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	131-11-3	Dimethyl phthalate	7.1	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	82-68-8	Pentachloronitrobenzene	6.5	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	730	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	132-64-9	Dibenzofuran	4.6	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.6	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	87-65-0	2,6-Dichlorophenol	7.1	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.4	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	205-99-2	Benzo(b)fluoranthene	0.84	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.1	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	109-06-8	2-Picoline	13	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	65	UG_KG	0	7400	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	56-49-5	3-Methylcholanthrene	6.8	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	62-44-2	Phenacetin	5.2	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	101-55-3	4-Bromophenyl-phenylether	7.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	99-09-2	3-Nitroaniline	5	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	100-01-6	4-Nitroaniline	8.5	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	218-01-9	Chrysene	0.68	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	298-00-0	Methyl parathion	3.7	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	298-04-4	Disulfoton	6.5	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	53-96-3	2-Acetylaminofluorene	5.6	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	370	R	--
5/29/2008	SS	0	1	N	78SB09-00	SVOA	140-57-8	Aramite	12	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	HERB	2303-16-4	Diallate	11	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	60-51-5	Dimethoate	3.7	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	52-85-7	Famphur	4	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	1888-71-7	Hexachloropropene	8	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	120-58-1	Isosafrole	7.9	UG_KG	0	37	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB09-00	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7400	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	59-89-2	N-Nitrosomorpholine	7.3	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	100-75-4	N-Nitrosopiperidine	9.4	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	298-02-2	Phorate	9.1	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	23950-58-5	Pronamide	10	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	94-59-7	Safrole	9.2	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	100-51-6	Benzyl alcohol	8.9	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	50-32-8	Benzo(a)pyrene	0.73	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	51-28-5	2,4-Dinitrophenol	92	UG_KG	0	370	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.65	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.4	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	VOA	541-73-1	1,3-Dichlorobenzene	6.6	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	59-50-7	4-Chloro-3-methylphenol	8.3	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	606-20-2	2,6-Dinitrotoluene	6.9	UG_KG	0	37	U	N
5/29/2008	SS	0	1	N	78SB09-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.2	UG_KG	0	37	U	N
5/29/2008	SB	1	3	N	78SB09-01	METAL	7439-92-1	Lead	0.78	MG_KG	0	0.32		Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-02-0	Nickel	22	MG_KG	0	0.21		Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-22-4	Silver	0.089	MG_KG	0	0.21	J	Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-28-0	Thallium	0.35	MG_KG	0	0.42	J	Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-36-0	Antimony	0.079	MG_KG	0	0.53	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-38-2	Arsenic	0.36	MG_KG	0	0.53	U	N
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-39-3	Barium	170	MG_KG	0	1.1		Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-41-7	Beryllium	0.19	MG_KG	0	0.11		Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-43-9	Cadmium	0.034	MG_KG	0	0.11	J	Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-47-3	Chromium	15	MG_KG	0	1.1	J	Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-48-4	Cobalt	33	MG_KG	0	0.11		Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-50-8	Copper	170	MG_KG	0	2.1		Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-62-2	Vanadium	200	MG_KG	0	1.1		Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-66-6	Zinc	60	MG_KG	0	4.2	J	Y
5/29/2008	SB	1	3	N	78SB09-01	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.53	U	N
5/29/2008	SB	1	3	N	78SB09-01	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/29/2008	SB	1	3	N	78SB09-01	METAL	7439-97-6	Mercury	0.0041	MG_KG	0	0.021	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	11096-82-5	Aroclor-1260	5.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	74	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	11141-16-5	Aroclor-1232	8.2	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	12672-29-6	Aroclor-1248	5.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	12674-11-2	Aroclor-1016	4.2	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	53469-21-9	Aroclor-1242	5.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	71-43-2	Benzene	1.5	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	71-55-6	1,1,1-Trichloroethane	1.1	UG_KG	0	9.6	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	74-83-9	Bromomethane	3.1	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	74-87-3	Chloromethane	1.4	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	74-95-3	Dibromomethane	2.3	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-00-3	Chloroethane	2.3	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-01-4	Vinyl chloride	1.1	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-09-2	Methylene chloride	1.9	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-15-0	Carbon disulfide	0.97	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-25-2	Bromoform	2.1	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-27-4	Bromodichloromethane	1.6	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-34-3	1,1-Dichloroethane	0.96	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-35-4	1,1-Dichloroethene	1	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	2.9	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.7	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	78-87-5	1,2-Dichloropropane	2.1	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	78-93-3	2-Butanone	5.2	UG_KG	0	48	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	79-00-5	1,1,2-Trichloroethane	2.3	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	79-01-6	Trichloroethene	1.9	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	2.7	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	106-93-4	1,2-Dibromoethane	2.9	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	107-06-2	1,2-Dichloroethane	1.9	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	108-10-1	4-Methyl-2-pentanone	5.5	UG_KG	0	48	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	5.4	UG_KG	0	19	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	96-18-4	1,2,3-Trichloropropane	2.7	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	108-88-3	Toluene	1.5	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	108-05-4	Vinyl acetate	2.9	UG_KG	0	19	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	108-90-7	Chlorobenzene	1.4	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	107-05-1	Allyl chloride	2.9	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	126-99-8	2-Chloro-1,3-butadiene	1.1	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	107-02-8	Acrolein	36	UG_KG	0	190	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	107-13-1	Acrylonitrile	44	UG_KG	0	190	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	97-63-2	Ethyl methacrylate	4.2	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	78-83-1	Isobutanol	130	UG_KG	0	380	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	124-48-1	Dibromochloromethane	0.96	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	126-98-7	Methacrylonitrile	46	UG_KG	0	190	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	80-62-6	Methyl methacrylate	7.1	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	127-18-4	Tetrachloroethene	1.4	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	1330-20-7	Xylene, total	4.4	UG_KG	0	19	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	100-41-4	Ethylbenzene	1.4	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	156-60-5	trans-1,2-Dichloroethene	1.9	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	76-01-7	Pentachloroethane	4.2	UG_KG	0	48	R	--
5/29/2008	SB	1	3	N	78SB09-01	VOA	75-05-8	Acetonitrile	86	UG_KG	0	380	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	100-42-5	Styrene	1.3	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	74-88-4	Iodomethane	1.9	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	107-12-0	Propionitrile	40	UG_KG	0	190	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	5.9	UG_KG	0	19	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	10061-01-5	cis-1,3-Dichloropropene	1.7	UG_KG	0	9.6	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	56-23-5	Carbon tetrachloride	1.9	UG_KG	0	9.6	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	10061-02-6	trans-1,3-Dichloropropene	1.7	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	591-78-6	2-Hexanone	4	UG_KG	0	48	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	1.2	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	67-64-1	Acetone	19	UG_KG	0	96	J	Y
5/29/2008	SB	1	3	N	78SB09-01	VOA	67-66-3	Chloroform	0.96	UG_KG	0	9.6	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	67-72-1	Hexachloroethane	8.2	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	106-46-7	1,4-Dichlorobenzene	6.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	78-59-1	Isophorone	6.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	106-47-8	4-Chloroaniline	6.6	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	83-32-9	Acenaphthene	0.63	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	85-68-7	Butylbenzylphthalate	8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	86-30-6	n-Nitrosodiphenylamine	7.8	UG_KG	0	36	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	1	3	N	78SB09-01	SVOA	86-73-7	Fluorene	0.85	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	87-86-5	Pentachlorophenol	9.2	UG_KG	0	190	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	88-06-2	2,4,6-Trichlorophenol	8.7	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	88-74-4	2-Nitroaniline	7.2	UG_KG	0	190	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	88-75-5	2-Nitrophenol	8.1	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	HERB	88-85-7	Dinoseb	19	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	91-20-3	Naphthalene	0.66	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	91-58-7	2-Chloronaphthalene	6.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	73	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	95-48-7	2-Methylphenol	8.9	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	95-50-1	1,2-Dichlorobenzene	7.7	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	95-57-8	2-Chlorophenol	7.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	95-95-4	2,4,5-Trichlorophenol	7.5	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	98-95-3	Nitrobenzene	7.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	108-95-2	Phenol	5.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	62-53-3	Aniline	7	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	92-52-4	1,1-Biphenyl	8.2	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.5	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	98-86-2	Acetophenone	9.5	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	12	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	117-84-0	Di-n-octylphthalate	3.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	118-74-1	Hexachlorobenzene	7.5	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	730	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	123-91-1	1,4-Dioxane	8.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.2	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	120-83-2	2,4-Dichlorophenol	8.9	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	121-14-2	2,4-Dinitrotoluene	6.5	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	70-30-4	Hexachlorophene	920	UG_KG	0	19000	R	--
5/29/2008	SB	1	3	N	78SB09-01	SVOA	100-02-7	4-Nitrophenol	36	UG_KG	0	190	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	930-55-2	n-Nitrosopyrrolidine	9.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	56-38-2	Parathion	8.5	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	608-93-5	Pentachlorobenzene	6.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	131-11-3	Dimethyl phthalate	7.1	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	82-68-8	Pentachloronitrobenzene	6.5	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	730	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	132-64-9	Dibenzofuran	4.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	87-65-0	2,6-Dichlorophenol	7.1	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.4	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.84	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.1	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	109-06-8	2-Picoline	13	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	65	UG_KG	0	7400	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	56-49-5	3-Methylcholanthrene	6.7	UG_KG	0	36	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	62-44-2	Phenacetin	5.2	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	101-55-3	4-Bromophenyl-phenylether	7.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	99-09-2	3-Nitroaniline	5	UG_KG	0	190	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	100-01-6	4-Nitroaniline	8.5	UG_KG	0	190	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	218-01-9	Chrysene	0.67	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	298-00-0	Methyl parathion	3.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	298-04-4	Disulfoton	6.5	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	53-96-3	2-Acetylaminofluorene	5.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	73	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	360	R	--
5/29/2008	SB	1	3	N	78SB09-01	SVOA	140-57-8	Aramite	12	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	HERB	2303-16-4	Diallate	11	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	60-51-5	Dimethoate	3.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	52-85-7	Famphur	4	UG_KG	0	36	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	1888-71-7	Hexachloropropene	8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	120-58-1	Isosafrole	7.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7400	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	59-89-2	N-Nitrosomorpholine	7.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	100-75-4	N-Nitrosopiperidine	9.4	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	73	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	298-02-2	Phorate	9.1	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	23950-58-5	Pronamide	9.9	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	94-59-7	Safrole	9.2	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	100-51-6	Benzyl alcohol	8.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	50-32-8	Benzo(a)pyrene	0.73	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	51-28-5	2,4-Dinitrophenol	92	UG_KG	0	360	UJ	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.65	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.4	UG_KG	0	190	U	N
5/29/2008	SB	1	3	N	78SB09-01	VOA	541-73-1	1,3-Dichlorobenzene	6.6	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.3	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	606-20-2	2,6-Dinitrotoluene	6.8	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB09-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.2	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	METAL	7439-92-1	Lead	0.5	MG_KG	0	0.29		Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-02-0	Nickel	17	MG_KG	0	0.2		Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-22-4	Silver	0.099	MG_KG	0	0.2	J	Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-28-0	Thallium	0.25	MG_KG	0	0.39	J	Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-36-0	Antimony	0.082	MG_KG	0	0.49	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-38-2	Arsenic	0.48	MG_KG	0	0.49	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-39-3	Barium	100	MG_KG	0	0.98		Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-41-7	Beryllium	0.13	MG_KG	0	0.098		Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-43-9	Cadmium	0.085	MG_KG	0	0.098	J	Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-47-3	Chromium	12	MG_KG	0	0.98	J	Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-48-4	Cobalt	30	MG_KG	0	0.098		Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-50-8	Copper	63	MG_KG	0	2		Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-62-2	Vanadium	270	MG_KG	0	0.98		Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-66-6	Zinc	54	MG_KG	0	3.9	J	Y
5/29/2008	SB	5	7	N	78SB09-03	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.49	U	N
5/29/2008	SB	5	7	N	78SB09-03	METAL	7440-31-5	Tin	3.9	MG_KG	0	20	U	N
5/29/2008	SB	5	7	N	78SB09-03	METAL	7439-97-6	Mercury	0.0042	MG_KG	0	0.021	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	11096-82-5	Aroclor-1260	5.2	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	72	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	11141-16-5	Aroclor-1232	8.1	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	12672-29-6	Aroclor-1248	5.5	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	12674-11-2	Aroclor-1016	4.1	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	53469-21-9	Aroclor-1242	5.2	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	71-43-2	Benzene	0.93	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	71-55-6	1,1,1-Trichloroethane	0.68	UG_KG	0	5.9	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	74-83-9	Bromomethane	1.9	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	74-87-3	Chloromethane	0.83	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	74-95-3	Dibromomethane	1.4	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-00-3	Chloroethane	1.4	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-01-4	Vinyl chloride	0.68	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-09-2	Methylene chloride	1.2	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-15-0	Carbon disulfide	0.6	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-25-2	Bromoform	1.3	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-27-4	Bromodichloromethane	0.97	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-34-3	1,1-Dichloroethane	0.59	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-35-4	1,1-Dichloroethene	0.63	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.8	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	78-87-5	1,2-Dichloropropane	1.3	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	78-93-3	2-Butanone	3.2	UG_KG	0	29	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	79-00-5	1,1,2-Trichloroethane	1.4	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	79-01-6	Trichloroethene	1.2	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.6	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	106-93-4	1,2-Dibromoethane	1.8	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	107-06-2	1,2-Dichloroethane	1.2	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	108-10-1	4-Methyl-2-pentanone	3.4	UG_KG	0	29	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.3	UG_KG	0	12	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	96-18-4	1,2,3-Trichloropropane	1.6	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	108-88-3	Toluene	0.93	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	108-05-4	Vinyl acetate	1.8	UG_KG	0	12	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	108-90-7	Chlorobenzene	0.86	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	107-05-1	Allyl chloride	1.8	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	126-99-8	2-Chloro-1,3-butadiene	0.67	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	107-02-8	Acrolein	22	UG_KG	0	120	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	107-13-1	Acrylonitrile	27	UG_KG	0	120	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	97-63-2	Ethyl methacrylate	2.6	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	78-83-1	Isobutanol	81	UG_KG	0	230	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	124-48-1	Dibromochloromethane	0.59	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	126-98-7	Methacrylonitrile	28	UG_KG	0	120	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	80-62-6	Methyl methacrylate	4.3	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	127-18-4	Tetrachloroethene	0.86	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	1330-20-7	Xylene, total	2.7	UG_KG	0	12	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	100-41-4	Ethylbenzene	0.88	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	76-01-7	Pentachloroethane	2.6	UG_KG	0	29	R	--
5/29/2008	SB	5	7	N	78SB09-03	VOA	75-05-8	Acetonitrile	53	UG_KG	0	230	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	100-42-5	Styrene	0.77	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	74-88-4	Iodomethane	1.2	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	107-12-0	Propionitrile	25	UG_KG	0	120	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.6	UG_KG	0	12	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	10061-01-5	cis-1,3-Dichloropropene	1	UG_KG	0	5.9	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	56-23-5	Carbon tetrachloride	1.2	UG_KG	0	5.9	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	10061-02-6	trans-1,3-Dichloropropene	1	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	591-78-6	2-Hexanone	2.5	UG_KG	0	29	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.75	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	67-64-1	Acetone	5.2	UG_KG	0	59	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	67-66-3	Chloroform	0.59	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	67-72-1	Hexachloroethane	7.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	70	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	106-46-7	1,4-Dichlorobenzene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	78-59-1	Isophorone	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	106-47-8	4-Chloroaniline	6.4	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	83-32-9	Acenaphthene	0.61	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	85-68-7	Butylbenzylphthalate	7.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	86-30-6	n-Nitrosodiphenylamine	7.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	86-73-7	Fluorene	0.82	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	87-68-3	Hexachlorobutadiene	9.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	87-86-5	Pentachlorophenol	8.9	UG_KG	0	180	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	88-06-2	2,4,6-Trichlorophenol	8.4	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	88-74-4	2-Nitroaniline	6.9	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	88-75-5	2-Nitrophenol	7.8	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	HERB	88-85-7	Dinoseb	18	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	91-20-3	Naphthalene	0.64	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	91-58-7	2-Chloronaphthalene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.8	UG_KG	0	70	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	95-48-7	2-Methylphenol	8.6	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	95-50-1	1,2-Dichlorobenzene	7.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	95-57-8	2-Chlorophenol	7	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	95-95-4	2,4,5-Trichlorophenol	7.3	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	98-95-3	Nitrobenzene	7.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	108-95-2	Phenol	5.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	62-53-3	Aniline	6.7	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	92-52-4	1,1-Biphenyl	7.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	98-86-2	Acetophenone	9.2	UG_KG	0	35	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	5	7	N	78SB09-03	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	8.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	118-74-1	Hexachlorobenzene	7.3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	700	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	EXPLO	99-65-0	1,3-Dinitrobenzene	4.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	123-91-1	1,4-Dioxane	8.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	120-82-1	1,2,4-Trichlorobenzene	7.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	120-83-2	2,4-Dichlorophenol	8.6	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	121-14-2	2,4-Dinitrotoluene	6.3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	70-30-4	Hexachlorophene	890	UG_KG	0	18000	R	--
5/29/2008	SB	5	7	N	78SB09-03	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	95-53-4	2-Methylaniline	9.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	62-75-9	n-Nitrosodimethylamine	10	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	930-55-2	n-Nitrosopyrrolidine	9.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	56-38-2	Parathion	8.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	608-93-5	Pentachlorobenzene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	131-11-3	Dimethyl phthalate	6.8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	82-68-8	Pentachloronitrobenzene	6.3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	700	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	132-64-9	Dibenzofuran	4.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.5	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7.2	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	87-65-0	2,6-Dichlorophenol	6.8	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.2	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	205-99-2	Benzo(b)fluoranthene	0.81	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.8	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	109-06-8	2-Picoline	13	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	122-09-8	a,a-Dimethylphenethylamine	63	UG_KG	0	7200	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	56-49-5	3-Methylcholanthrene	6.5	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	9.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	62-44-2	Phenacetin	5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	66-27-3	Methyl methanesulfonate	9.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	101-55-3	4-Bromophenyl-phenylether	7.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	99-09-2	3-Nitroaniline	4.8	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	100-01-6	4-Nitroaniline	8.2	UG_KG	0	180	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	218-01-9	Chrysene	0.65	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	298-04-4	Disulfoton	6.3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	130-15-4	1,4-Naphthoquinone	4.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	53-96-3	2-Acetylaminofluorene	5.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	70	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/29/2008	SB	5	7	N	78SB09-03	SVOA	140-57-8	Aramite	12	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	HERB	2303-16-4	Diallate	10	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	52-85-7	Famphur	3.8	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	1888-71-7	Hexachloropropene	7.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	120-58-1	Isosafrole	7.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	91-80-5	Methapyrilene	9.9	UG_KG	0	7200	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	59-89-2	N-Nitrosomorpholine	7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	100-75-4	N-Nitrosopiperidine	9.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	298-02-2	Phorate	8.8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	23950-58-5	Pronamide	9.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	94-59-7	Safrole	8.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	100-51-6	Benzyl alcohol	8.5	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	50-32-8	Benzo(a)pyrene	0.7	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	51-28-5	2,4-Dinitrophenol	89	UG_KG	0	350	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	53-70-3	Dibenz(a,h)anthracene	0.63	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.2	UG_KG	0	180	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	VOA	541-73-1	1,3-Dichlorobenzene	6.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	59-50-7	4-Chloro-3-methylphenol	8	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	606-20-2	2,6-Dinitrotoluene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB09-03	SVOA	621-64-7	n-Nitroso-di-n-propylamine	6.9	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-62-2	Vanadium	190	MG_KG	0	1		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7439-92-1	Lead	2.2	MG_KG	0	0.31		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-02-0	Nickel	17	MG_KG	0	0.2		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-22-4	Silver	0.038	MG_KG	0	0.2	J	Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.41	U	N
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-36-0	Antimony	0.077	MG_KG	0	0.51	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-38-2	Arsenic	0.66	MG_KG	0	0.51		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-39-3	Barium	33	MG_KG	0	1		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-41-7	Beryllium	0.26	MG_KG	0	0.1		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-43-9	Cadmium	0.065	MG_KG	0	0.1	J	Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-47-3	Chromium	18	MG_KG	0	1		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-48-4	Cobalt	25	MG_KG	0	0.1		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-50-8	Copper	12	MG_KG	0	2		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-66-6	Zinc	65	MG_KG	0	4.1		Y
5/29/2008	SS	0	1	N	78SB10-00	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.51	U	N
5/29/2008	SS	0	1	N	78SB10-00	METAL	7440-31-5	Tin	4.1	MG_KG	0	20	U	N
5/29/2008	SS	0	1	N	78SB10-00	METAL	7439-97-6	Mercury	0.0041	MG_KG	0	0.021	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	11096-82-5	Aroclor-1260	5.2	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	11141-16-5	Aroclor-1232	8.2	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	12672-29-6	Aroclor-1248	5.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	12674-11-2	Aroclor-1016	4.2	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	53469-21-9	Aroclor-1242	5.2	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	71-43-2	Benzene	0.75	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	71-55-6	1,1,1-Trichloroethane	0.55	UG_KG	0	4.8	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	74-83-9	Bromomethane	1.5	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	74-87-3	Chloromethane	0.68	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	74-95-3	Dibromomethane	1.1	UG_KG	0	4.8	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-00-3	Chloroethane	1.1	UG_KG	0	4.8	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-01-4	Vinyl chloride	0.55	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-09-2	Methylene chloride	0.95	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-15-0	Carbon disulfide	0.49	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-25-2	Bromoform	1	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-27-4	Bromodichloromethane	0.79	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-34-3	1,1-Dichloroethane	0.48	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-35-4	1,1-Dichloroethene	0.51	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.4	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.85	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	78-87-5	1,2-Dichloropropane	1	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	78-93-3	2-Butanone	4.1	UG_KG	0	24	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	79-00-5	1,1,2-Trichloroethane	1.1	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	79-01-6	Trichloroethene	0.95	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.3	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	106-93-4	1,2-Dibromoethane	1.4	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	107-06-2	1,2-Dichloroethane	0.95	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	108-10-1	4-Methyl-2-pentanone	2.8	UG_KG	0	24	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.7	UG_KG	0	9.5	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	96-18-4	1,2,3-Trichloropropane	1.3	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	108-88-3	Toluene	0.75	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	108-05-4	Vinyl acetate	1.4	UG_KG	0	9.5	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	108-90-7	Chlorobenzene	0.69	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	107-05-1	Allyl chloride	1.4	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.54	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	107-02-8	Acrolein	18	UG_KG	0	95	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	107-13-1	Acrylonitrile	22	UG_KG	0	95	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	97-63-2	Ethyl methacrylate	2.1	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	78-83-1	Isobutanol	66	UG_KG	0	190	R	--
5/29/2008	SS	0	1	N	78SB10-00	VOA	124-48-1	Dibromochloromethane	0.48	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	126-98-7	Methacrylonitrile	23	UG_KG	0	95	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	80-62-6	Methyl methacrylate	3.5	UG_KG	0	4.8	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	127-18-4	Tetrachloroethene	0.69	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	1330-20-7	Xylene, total	2.2	UG_KG	0	9.5	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	100-41-4	Ethylbenzene	0.71	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	156-60-5	trans-1,2-Dichloroethene	0.92	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	76-01-7	Pentachloroethane	2.1	UG_KG	0	24	R	--
5/29/2008	SS	0	1	N	78SB10-00	VOA	75-05-8	Acetonitrile	43	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	100-42-5	Styrene	0.63	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	74-88-4	Iodomethane	0.95	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	107-12-0	Propionitrile	20	UG_KG	0	95	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3	UG_KG	0	9.5	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.83	UG_KG	0	4.8	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	56-23-5	Carbon tetrachloride	0.95	UG_KG	0	4.8	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.83	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	591-78-6	2-Hexanone	2	UG_KG	0	24	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.61	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	67-64-1	Acetone	37	UG_KG	0	48	J	Y
5/29/2008	SS	0	1	N	78SB10-00	VOA	67-66-3	Chloroform	0.48	UG_KG	0	4.8	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	67-72-1	Hexachloroethane	8.1	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	106-46-7	1,4-Dichlorobenzene	6.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	78-59-1	Isophorone	6.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	106-47-8	4-Chloroaniline	6.6	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	83-32-9	Acenaphthene	0.63	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	85-68-7	Butylbenzylphthalate	7.9	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	86-30-6	n-Nitrosodiphenylamine	7.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	86-73-7	Fluorene	0.85	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	87-86-5	Pentachlorophenol	9.1	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	88-06-2	2,4,6-Trichlorophenol	8.7	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	88-74-4	2-Nitroaniline	7.2	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	88-75-5	2-Nitrophenol	8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	HERB	88-85-7	Dinoseb	19	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	91-20-3	Naphthalene	0.66	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	91-58-7	2-Chloronaphthalene	6.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	95-48-7	2-Methylphenol	8.9	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	95-50-1	1,2-Dichlorobenzene	7.7	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	95-57-8	2-Chlorophenol	7.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	95-95-4	2,4,5-Trichlorophenol	7.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	98-95-3	Nitrobenzene	7.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.9	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	108-95-2	Phenol	5.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	62-53-3	Aniline	6.9	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	92-52-4	1,1-Biphenyl	8.1	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	98-86-2	Acetophenone	9.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	16	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	117-84-0	Di-n-octylphthalate	3.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	118-74-1	Hexachlorobenzene	7.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	730	U	N
5/29/2008	SS	0	1	N	78SB10-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	123-91-1	1,4-Dioxane	8.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	120-82-1	1,2,4-Trichlorobenzene	8.1	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	120-83-2	2,4-Dichlorophenol	8.9	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	121-14-2	2,4-Dinitrotoluene	6.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	70-30-4	Hexachlorophene	910	UG_KG	0	19000	R	--
5/29/2008	SS	0	1	N	78SB10-00	SVOA	100-02-7	4-Nitrophenol	36	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	930-55-2	n-Nitrosopyrrolidine	9.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	56-38-2	Parathion	8.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	608-93-5	Pentachlorobenzene	6.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	131-11-3	Dimethyl phthalate	7	UG_KG	0	36	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB10-00	SVOA	82-68-8	Pentachloronitrobenzene	6.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	730	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	132-64-9	Dibenzofuran	4.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.9	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	87-65-0	2,6-Dichlorophenol	7	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	205-99-2	Benzo(b)fluoranthene	0.84	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	109-06-8	2-Picoline	13	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	65	UG_KG	0	7400	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	56-49-5	3-Methylcholanthrene	6.7	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	62-44-2	Phenacetin	5.2	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	101-55-3	4-Bromophenyl-phenylether	7.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	99-09-2	3-Nitroaniline	5	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	100-01-6	4-Nitroaniline	8.5	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	218-01-9	Chrysene	0.67	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	298-00-0	Methyl parathion	3.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	298-04-4	Disulfoton	6.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	53-96-3	2-Acetylaminofluorene	5.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	360	R	--
5/29/2008	SS	0	1	N	78SB10-00	SVOA	140-57-8	Aramite	12	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	HERB	2303-16-4	Diallate	11	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	60-51-5	Dimethoate	3.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	52-85-7	Famphur	4	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	1888-71-7	Hexachloropropene	7.9	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	120-58-1	Isosafrole	7.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7400	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	59-89-2	N-Nitrosomorpholine	7.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	100-75-4	N-Nitrosopiperidine	9.4	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	73	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	298-02-2	Phorate	9	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	23950-58-5	Pronamide	9.9	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	94-59-7	Safrole	9.1	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	100-51-6	Benzyl alcohol	8.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	50-32-8	Benzo(a)pyrene	0.73	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	51-28-5	2,4-Dinitrophenol	91	UG_KG	0	360	UJ	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.65	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.4	UG_KG	0	190	U	N
5/29/2008	SS	0	1	N	78SB10-00	VOA	541-73-1	1,3-Dichlorobenzene	6.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.4	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	59-50-7	4-Chloro-3-methylphenol	8.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	606-20-2	2,6-Dinitrotoluene	6.8	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB10-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.2	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-62-2	Vanadium	190	MG_KG	0	1.1		Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7439-92-1	Lead	1.7	MG_KG	0	0.34		Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-02-0	Nickel	12	MG_KG	0	0.22		Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-22-4	Silver	0.098	MG_KG	0	0.22	J	Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.45	U	N
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-36-0	Antimony	0.084	MG_KG	0	0.56	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-38-2	Arsenic	0.54	MG_KG	0	0.56	U	N
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-39-3	Barium	450	MG_KG	0	1.1		Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-41-7	Beryllium	0.16	MG_KG	0	0.11		Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-43-9	Cadmium	0.049	MG_KG	0	0.11	J	Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-47-3	Chromium	18	MG_KG	0	1.1		Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-48-4	Cobalt	34	MG_KG	0	0.11		Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-50-8	Copper	29	MG_KG	0	2.2		Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-66-6	Zinc	47	MG_KG	0	4.5		Y
5/29/2008	SB	1	3	N	78SB10-01	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.56	U	N
5/29/2008	SB	1	3	N	78SB10-01	METAL	7440-31-5	Tin	4.5	MG_KG	0	22	U	N
5/29/2008	SB	1	3	N	78SB10-01	METAL	7439-97-6	Mercury	0.0046	MG_KG	0	0.023	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	11096-82-5	Aroclor-1260	5.6	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	79	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	11141-16-5	Aroclor-1232	8.8	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	12672-29-6	Aroclor-1248	6	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	12674-11-2	Aroclor-1016	4.5	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	53469-21-9	Aroclor-1242	5.6	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	71-43-2	Benzene	0.84	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	71-55-6	1,1,1-Trichloroethane	0.62	UG_KG	0	5.3	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	74-83-9	Bromomethane	1.7	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	74-87-3	Chloromethane	0.76	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.3	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-01-4	Vinyl chloride	0.62	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-15-0	Carbon disulfide	0.54	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-27-4	Bromodichloromethane	0.88	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-34-3	1,1-Dichloroethane	0.53	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-35-4	1,1-Dichloroethene	0.57	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.95	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	78-93-3	2-Butanone	2.9	UG_KG	0	27	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	108-10-1	4-Methyl-2-pentanone	3.1	UG_KG	0	27	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3	UG_KG	0	11	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	108-88-3	Toluene	0.84	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	11	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	108-90-7	Chlorobenzene	0.78	UG_KG	0	5.3	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	1	3	N	78SB10-01	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.61	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	107-02-8	Acrolein	20	UG_KG	0	110	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	107-13-1	Acrylonitrile	24	UG_KG	0	110	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	97-63-2	Ethyl methacrylate	2.3	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	78-83-1	Isobutanol	73	UG_KG	0	210	R	--
5/29/2008	SB	1	3	N	78SB10-01	VOA	124-48-1	Dibromochloromethane	0.53	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	80-62-6	Methyl methacrylate	3.9	UG_KG	0	5.3	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	127-18-4	Tetrachloroethene	0.78	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	1330-20-7	Xylene, total	2.4	UG_KG	0	11	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	100-41-4	Ethylbenzene	0.8	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	156-60-5	trans-1,2-Dichloroethene	1	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	76-01-7	Pentachloroethane	2.3	UG_KG	0	27	R	--
5/29/2008	SB	1	3	N	78SB10-01	VOA	75-05-8	Acetonitrile	48	UG_KG	0	210	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	100-42-5	Styrene	0.7	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	74-88-4	Iodomethane	1.1	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	107-12-0	Propionitrile	22	UG_KG	0	110	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.3	UG_KG	0	11	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	10061-01-5	cis-1,3-Dichloropropene	0.93	UG_KG	0	5.3	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.3	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	10061-02-6	trans-1,3-Dichloropropene	0.93	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	591-78-6	2-Hexanone	2.2	UG_KG	0	27	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.68	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	67-64-1	Acetone	8.1	UG_KG	0	53	J	Y
5/29/2008	SB	1	3	N	78SB10-01	VOA	67-66-3	Chloroform	0.53	UG_KG	0	5.3	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	67-72-1	Hexachloroethane	8.7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.3	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	78	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	106-46-7	1,4-Dichlorobenzene	7.3	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	77-47-4	Hexachlorocyclopentadiene	17	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	78-59-1	Isophorone	7.3	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	106-47-8	4-Chloroaniline	7.1	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	83-32-9	Acenaphthene	0.67	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	84-74-2	Di-n-butylphthalate	29	UG_KG	0	200	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	85-68-7	Butylbenzylphthalate	8.5	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	86-30-6	n-Nitrosodiphenylamine	8.4	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	86-73-7	Fluorene	0.91	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	87-86-5	Pentachlorophenol	9.8	UG_KG	0	200	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	88-06-2	2,4,6-Trichlorophenol	9.3	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	88-74-4	2-Nitroaniline	7.7	UG_KG	0	200	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	88-75-5	2-Nitrophenol	8.6	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	HERB	88-85-7	Dinoseb	20	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	91-20-3	Naphthalene	0.71	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	91-58-7	2-Chloronaphthalene	7.3	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	78	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	95-48-7	2-Methylphenol	9.6	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	95-50-1	1,2-Dichlorobenzene	8.3	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	95-57-8	2-Chlorophenol	7.8	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	95-95-4	2,4,5-Trichlorophenol	8	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	98-95-3	Nitrobenzene	8.1	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.4	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	108-95-2	Phenol	5.7	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	62-53-3	Aniline	7.4	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	92-52-4	1,1-Biphenyl	8.7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	98-86-2	Acetophenone	10	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	9.4	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	117-84-0	Di-n-octylphthalate	3.9	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	118-74-1	Hexachlorobenzene	8	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	780	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.6	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	123-91-1	1,4-Dioxane	9.4	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	120-83-2	2,4-Dichlorophenol	9.6	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	121-14-2	2,4-Dinitrotoluene	7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	70-30-4	Hexachlorophene	980	UG_KG	0	20000	R	--
5/29/2008	SB	1	3	N	78SB10-01	SVOA	100-02-7	4-Nitrophenol	39	UG_KG	0	200	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.1	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	62-75-9	n-Nitrosodimethylamine	12	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	930-55-2	n-Nitrosopyrrolidine	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	129-00-0	Pyrene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	56-38-2	Parathion	9.1	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	608-93-5	Pentachlorobenzene	7.3	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	131-11-3	Dimethyl phthalate	7.6	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	82-68-8	Pentachloronitrobenzene	7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	780	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	132-64-9	Dibenzofuran	5	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.4	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	87-65-0	2,6-Dichlorophenol	7.6	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.9	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.9	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.6	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	109-06-8	2-Picoline	14	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	70	UG_KG	0	7900	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	56-49-5	3-Methylcholanthrene	7.2	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.4	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	62-44-2	Phenacetin	5.5	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	101-55-3	4-Bromophenyl-phenylether	8.4	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.9	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	1	3	N	78SB10-01	SVOA	99-09-2	3-Nitroaniline	5.3	UG_KG	0	200	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	100-01-6	4-Nitroaniline	9.1	UG_KG	0	200	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	218-01-9	Chrysene	0.72	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	298-00-0	Methyl parathion	3.9	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	298-04-4	Disulfoton	7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	130-15-4	1,4-Naphthoquinone	4.6	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	53-96-3	2-Acetylaminofluorene	6	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	91-59-8	2-Naphthylamine	24	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	390	R	--
5/29/2008	SB	1	3	N	78SB10-01	SVOA	140-57-8	Aramite	13	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	HERB	2303-16-4	Diallate	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	60-51-5	Dimethoate	3.9	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	52-85-7	Famphur	4.2	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	1888-71-7	Hexachloropropene	8.5	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	120-58-1	Isosafrole	8.4	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7900	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	59-89-2	N-Nitrosomorpholine	7.8	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	100-75-4	N-Nitrosopiperidine	10	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	78	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	298-02-2	Phorate	9.7	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	23950-58-5	Pronamide	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	94-59-7	Safrole	9.8	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	100-51-6	Benzyl alcohol	9.4	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	50-32-8	Benzo(a)pyrene	0.78	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	51-28-5	2,4-Dinitrophenol	98	UG_KG	0	390	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.7	UG_KG	0	7.9	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.8	UG_KG	0	200	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	VOA	541-73-1	1,3-Dichlorobenzene	7.1	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.8	UG_KG	0	39	UJ	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	606-20-2	2,6-Dinitrotoluene	7.3	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB10-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.7	UG_KG	0	39	U	N
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-62-2	Vanadium	160	MG_KG	0	0.98		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7439-92-1	Lead	1	MG_KG	0	0.29		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-02-0	Nickel	11	MG_KG	0	0.2		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-22-4	Silver	0.023	MG_KG	0	0.2	J	Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.39	U	N
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-36-0	Antimony	0.074	MG_KG	0	0.49	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-38-2	Arsenic	0.54	MG_KG	0	0.49		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-39-3	Barium	35	MG_KG	0	0.98		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-41-7	Beryllium	0.24	MG_KG	0	0.098		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-43-9	Cadmium	0.043	MG_KG	0	0.098	J	Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-47-3	Chromium	14	MG_KG	0	0.98		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-48-4	Cobalt	16	MG_KG	0	0.098		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-50-8	Copper	8.2	MG_KG	0	2		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-66-6	Zinc	41	MG_KG	0	3.9		Y
5/29/2008	SB	3	5	N	78SB10-02	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.49	U	N
5/29/2008	SB	3	5	N	78SB10-02	METAL	7440-31-5	Tin	3.9	MG_KG	0	20	U	N
5/29/2008	SB	3	5	N	78SB10-02	METAL	7439-97-6	Mercury	0.0042	MG_KG	0	0.021	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	11096-82-5	Aroclor-1260	5.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	72	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	11141-16-5	Aroclor-1232	8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	12672-29-6	Aroclor-1248	5.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	12674-11-2	Aroclor-1016	4.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	53469-21-9	Aroclor-1242	5.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	71-43-2	Benzene	0.84	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	71-55-6	1,1,1-Trichloroethane	0.62	UG_KG	0	5.3	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	74-83-9	Bromomethane	1.7	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	74-87-3	Chloromethane	0.76	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.3	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-01-4	Vinyl chloride	0.62	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-15-0	Carbon disulfide	0.55	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-27-4	Bromodichloromethane	0.89	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-34-3	1,1-Dichloroethane	0.53	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-35-4	1,1-Dichloroethene	0.58	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.95	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	78-93-3	2-Butanone	2.9	UG_KG	0	27	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	108-10-1	4-Methyl-2-pentanone	3.1	UG_KG	0	27	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3	UG_KG	0	11	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	108-88-3	Toluene	0.84	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	11	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	108-90-7	Chlorobenzene	0.78	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	126-99-8	2-Chloro-1,3-butadiene	0.61	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	107-02-8	Acrolein	20	UG_KG	0	110	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	78-83-1	Isobutanol	74	UG_KG	0	210	R	--
5/29/2008	SB	3	5	N	78SB10-02	VOA	124-48-1	Dibromochloromethane	0.53	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	80-62-6	Methyl methacrylate	4	UG_KG	0	5.3	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	127-18-4	Tetrachloroethene	0.78	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	100-41-4	Ethylbenzene	0.8	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	156-60-5	trans-1,2-Dichloroethene	1	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	27	R	--
5/29/2008	SB	3	5	N	78SB10-02	VOA	75-05-8	Acetonitrile	48	UG_KG	0	210	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	100-42-5	Styrene	0.71	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	74-88-4	Iodomethane	1.1	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	107-12-0	Propionitrile	22	UG_KG	0	110	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.3	UG_KG	0	11	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	10061-01-5	cis-1,3-Dichloropropene	0.93	UG_KG	0	5.3	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.3	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	10061-02-6	trans-1,3-Dichloropropene	0.93	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	591-78-6	2-Hexanone	2.2	UG_KG	0	27	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	3	5	N	78SB10-02	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.68	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	67-64-1	Acetone	9.5	UG_KG	0	53	J	Y
5/29/2008	SB	3	5	N	78SB10-02	VOA	67-66-3	Chloroform	0.53	UG_KG	0	5.3	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	67-72-1	Hexachloroethane	7.8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	106-46-7	1,4-Dichlorobenzene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	78-59-1	Isophorone	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	106-47-8	4-Chloroaniline	6.3	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	83-32-9	Acenaphthene	0.6	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	84-74-2	Di-n-butylphthalate	26	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	85-68-7	Butylbenzylphthalate	7.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	86-30-6	n-Nitrosodiphenylamine	7.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	86-73-7	Fluorene	0.81	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	87-68-3	Hexachlorobutadiene	9.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	87-86-5	Pentachlorophenol	8.7	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	88-06-2	2,4,6-Trichlorophenol	8.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	88-74-4	2-Nitroaniline	6.8	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	88-75-5	2-Nitrophenol	7.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	HERB	88-85-7	Dinoseb	18	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	91-20-3	Naphthalene	0.63	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	91-58-7	2-Chloronaphthalene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.7	UG_KG	0	70	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	95-48-7	2-Methylphenol	8.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	95-50-1	1,2-Dichlorobenzene	7.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	95-57-8	2-Chlorophenol	7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	95-95-4	2,4,5-Trichlorophenol	7.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	98-95-3	Nitrobenzene	7.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	108-95-2	Phenol	5.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	62-53-3	Aniline	6.6	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	111-44-4	bis(2-Chloroethyl)ether	6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	92-52-4	1,1-Biphenyl	7.8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	98-86-2	Acetophenone	9.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	34	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	118-74-1	Hexachlorobenzene	7.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	700	U	N
5/29/2008	SB	3	5	N	78SB10-02	EXPLO	99-65-0	1,3-Dinitrobenzene	4.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	123-91-1	1,4-Dioxane	8.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	120-82-1	1,2,4-Trichlorobenzene	7.8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	120-83-2	2,4-Dichlorophenol	8.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	121-14-2	2,4-Dinitrotoluene	6.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	70-30-4	Hexachlorophene	870	UG_KG	0	18000	R	--
5/29/2008	SB	3	5	N	78SB10-02	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	95-53-4	2-Methylaniline	9.8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	62-75-9	n-Nitrosodimethylamine	10	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	930-55-2	n-Nitrosopyrrolidine	9.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	56-38-2	Parathion	8.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	608-93-5	Pentachlorobenzene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	131-11-3	Dimethyl phthalate	6.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	82-68-8	Pentachloronitrobenzene	6.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	700	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	132-64-9	Dibenzofuran	4.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	87-65-0	2,6-Dichlorophenol	6.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	205-99-2	Benzo(b)fluoranthene	0.8	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	109-06-8	2-Picoline	13	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	122-09-8	a,a-Dimethylphenethylamine	62	UG_KG	0	7100	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	56-49-5	3-Methylcholanthrene	6.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	9.8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	62-44-2	Phenacetin	5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	66-27-3	Methyl methanesulfonate	9.8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	101-55-3	4-Bromophenyl-phenylether	7.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	99-09-2	3-Nitroaniline	4.7	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	100-01-6	4-Nitroaniline	8.1	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	218-01-9	Chrysene	0.64	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	298-04-4	Disulfoton	6.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	130-15-4	1,4-Naphthoquinone	4.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	53-96-3	2-Acetylaminofluorene	5.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/29/2008	SB	3	5	N	78SB10-02	SVOA	140-57-8	Aramite	12	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	HERB	2303-16-4	Diallate	10	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	52-85-7	Famphur	3.8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	1888-71-7	Hexachloropropene	7.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	120-58-1	Isosafrole	7.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	91-80-5	Methapyrilene	9.8	UG_KG	0	7100	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	59-89-2	N-Nitrosomorpholine	7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	100-75-4	N-Nitrosopiperidine	9	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	298-02-2	Phorate	8.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	23950-58-5	Pronamide	9.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	94-59-7	Safrole	8.7	UG_KG	0	35	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	3	5	N	78SB10-02	SVOA	100-51-6	Benzyl alcohol	8.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	50-32-8	Benzo(a)pyrene	0.7	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	51-28-5	2,4-Dinitrophenol	87	UG_KG	0	350	UJ	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	53-70-3	Dibenz(a,h)anthracene	0.62	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.1	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB10-02	VOA	541-73-1	1,3-Dichlorobenzene	6.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	59-50-7	4-Chloro-3-methylphenol	7.9	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	606-20-2	2,6-Dinitrotoluene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB10-02	SVOA	621-64-7	n-Nitroso-di-n-propylamine	6.8	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-62-2	Vanadium	110	MG_KG	0	1.1		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7439-92-1	Lead	45	MG_KG	0	0.32		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-02-0	Nickel	22	MG_KG	0	0.21		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-22-4	Silver	0.06	MG_KG	0	0.21	J	Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.43	U	N
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-36-0	Antimony	0.33	MG_KG	0	0.53	J	Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-38-2	Arsenic	1.9	MG_KG	0	0.53		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-39-3	Barium	380	MG_KG	0	1.1		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-41-7	Beryllium	0.42	MG_KG	0	0.11		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-43-9	Cadmium	0.17	MG_KG	0	0.11		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-47-3	Chromium	19	MG_KG	0	1.1		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-48-4	Cobalt	17	MG_KG	0	0.11		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-50-8	Copper	91	MG_KG	0	2.1		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-66-6	Zinc	260	MG_KG	0	4.3		Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7782-49-2	Selenium	0.25	MG_KG	0	0.53	J	Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7440-31-5	Tin	14	MG_KG	0	21	J	Y
5/29/2008	SS	0	1	N	78SB11-00	METAL	7439-97-6	Mercury	0.0082	MG_KG	0	0.022	J	Y
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	11096-82-5	Aroclor-1260	48	UG_KG	0	36	J	Y
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	74	U	N
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	11141-16-5	Aroclor-1232	8.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	12672-29-6	Aroclor-1248	5.6	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	12674-11-2	Aroclor-1016	4.2	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	53469-21-9	Aroclor-1242	5.3	UG_KG	0	36	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	71-43-2	Benzene	1.4	UG_KG	0	5.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	VOA	71-55-6	1,1,1-Trichloroethane	0.63	UG_KG	0	5.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	74-83-9	Bromomethane	1.7	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	74-87-3	Chloromethane	0.77	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-01-4	Vinyl chloride	0.63	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-15-0	Carbon disulfide	7.4	UG_KG	0	5.4		Y
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-27-4	Bromodichloromethane	0.9	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-34-3	1,1-Dichloroethane	0.54	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-35-4	1,1-Dichloroethene	0.59	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.97	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	78-93-3	2-Butanone	7.7	UG_KG	0	27	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	108-10-1	4-Methyl-2-pentanone	3.1	UG_KG	0	27	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	108-88-3	Toluene	0.87	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	108-90-7	Chlorobenzene	0.79	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.62	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	107-02-8	Acrolein	21	UG_KG	0	110	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	78-83-1	Isobutanol	75	UG_KG	0	220	R	--
5/29/2008	SS	0	1	N	78SB11-00	VOA	124-48-1	Dibromochloromethane	0.54	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	80-62-6	Methyl methacrylate	4	UG_KG	0	5.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	127-18-4	Tetrachloroethene	0.79	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	100-41-4	Ethylbenzene	0.81	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	27	R	--
5/29/2008	SS	0	1	N	78SB11-00	VOA	75-05-8	Acetonitrile	49	UG_KG	0	220	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	100-42-5	Styrene	0.72	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	74-88-4	Iodomethane	1.1	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	107-12-0	Propionitrile	23	UG_KG	0	110	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.4	UG_KG	0	11	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.94	UG_KG	0	5.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.94	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	591-78-6	2-Hexanone	2.3	UG_KG	0	27	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.69	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	67-64-1	Acetone	86	UG_KG	0	54	J	Y
5/29/2008	SS	0	1	N	78SB11-00	VOA	67-66-3	Chloroform	0.54	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	67-72-1	Hexachloroethane	8.2	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	106-46-7	1,4-Dichlorobenzene	6.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	78-59-1	Isophorone	6.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	106-47-8	4-Chloroaniline	6.6	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	83-32-9	Acenaphthene	0.63	UG_KG	0	7.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	84-74-2	Di-n-butylphthalate	56	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	85-01-8	Phenanthrene	13	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	SVOA	85-68-7	Butylbenzylphthalate	7.9	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	86-30-6	n-Nitrosodiphenylamine	7.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	86-73-7	Fluorene	0.85	UG_KG	0	7.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	87-86-5	Pentachlorophenol	9.2	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	88-06-2	2,4,6-Trichlorophenol	8.7	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	88-74-4	2-Nitroaniline	7.2	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	88-75-5	2-Nitrophenol	8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	HERB	88-85-7	Dinoseb	19	UG_KG	0	73	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB11-00	SVOA	91-20-3	Naphthalene	0.66	UG_KG	0	7.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	91-58-7	2-Chloronaphthalene	6.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	95-48-7	2-Methylphenol	8.9	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	95-50-1	1,2-Dichlorobenzene	7.7	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	95-57-8	2-Chlorophenol	7.3	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	95-95-4	2,4,5-Trichlorophenol	7.5	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	98-95-3	Nitrobenzene	7.6	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.9	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	108-95-2	Phenol	5.3	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	62-53-3	Aniline	6.9	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.3	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	92-52-4	1,1-Biphenyl	8.2	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.5	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	98-86-2	Acetophenone	9.5	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	35	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	117-84-0	Di-n-octylphthalate	3.6	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	118-74-1	Hexachlorobenzene	7.5	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	120-12-7	Anthracene	2.6	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	730	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	123-91-1	1,4-Dioxane	8.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	120-82-1	1,2,4-Trichlorobenzene	8.2	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	120-83-2	2,4-Dichlorophenol	8.9	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	121-14-2	2,4-Dinitrotoluene	6.5	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	70-30-4	Hexachlorophene	920	UG_KG	0	19000	R	--
5/29/2008	SS	0	1	N	78SB11-00	SVOA	100-02-7	4-Nitrophenol	36	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.6	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.3	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	930-55-2	n-Nitrosopyrrolidine	9.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	129-00-0	Pyrene	81	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	56-38-2	Parathion	8.5	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	608-93-5	Pentachlorobenzene	6.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	131-11-3	Dimethyl phthalate	7.1	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	82-68-8	Pentachloronitrobenzene	6.5	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	730	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	132-64-9	Dibenzofuran	4.6	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.9	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.6	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	191-24-2	Benzo(g,h,i)perylene	39	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	SVOA	87-65-0	2,6-Dichlorophenol	7.1	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	13	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	SVOA	205-99-2	Benzo(b)fluoranthene	85	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	109-06-8	2-Picoline	13	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	65	UG_KG	0	7400	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	56-49-5	3-Methylcholanthrene	6.7	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	206-44-0	Fluoranthene	57	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	62-44-2	Phenacetin	5.2	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	101-55-3	4-Bromophenyl-phenylether	7.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	99-09-2	3-Nitroaniline	5	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	100-01-6	4-Nitroaniline	8.5	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	218-01-9	Chrysene	48	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	298-00-0	Methyl parathion	3.6	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	298-04-4	Disulfoton	6.5	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	53-96-3	2-Acetylaminofluorene	5.6	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	360	R	--
5/29/2008	SS	0	1	N	78SB11-00	SVOA	140-57-8	Aramite	12	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	HERB	2303-16-4	Diallate	11	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	60-51-5	Dimethoate	3.6	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	52-85-7	Famphur	4	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	1888-71-7	Hexachloropropene	7.9	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	120-58-1	Isosafrole	7.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7400	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	59-89-2	N-Nitrosomorpholine	7.3	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	100-75-4	N-Nitrosopiperidine	9.4	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	73	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	298-02-2	Phorate	9	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	23950-58-5	Pronamide	9.9	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	94-59-7	Safrole	9.2	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	100-51-6	Benzyl alcohol	8.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	50-32-8	Benzo(a)pyrene	46	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	SVOA	51-28-5	2,4-Dinitrophenol	92	UG_KG	0	360	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	53-70-3	Dibenz(a,h)anthracene	7.1	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.4	UG_KG	0	190	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	VOA	541-73-1	1,3-Dichlorobenzene	6.6	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	56-55-3	Benzo(a)anthracene	33	UG_KG	0	7.4	J	Y
5/29/2008	SS	0	1	N	78SB11-00	SVOA	59-50-7	4-Chloro-3-methylphenol	8.3	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	606-20-2	2,6-Dinitrotoluene	6.8	UG_KG	0	36	UJ	N
5/29/2008	SS	0	1	N	78SB11-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.2	UG_KG	0	36	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-62-2	Vanadium	150	MG_KG	0	1.1		Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7439-92-1	Lead	1.2	MG_KG	0	0.34		Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-02-0	Nickel	9.3	MG_KG	0	0.23		Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-22-4	Silver	0.037	MG_KG	0	0.23	J	Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-28-0	Thallium	0.14	MG_KG	0	0.46	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-36-0	Antimony	0.089	MG_KG	0	0.57	J	Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-38-2	Arsenic	1.2	MG_KG	0	0.57		Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-39-3	Barium	59	MG_KG	0	1.1	J	Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-41-7	Beryllium	0.23	MG_KG	0	0.11		Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-43-9	Cadmium	0.24	MG_KG	0	0.11		Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-47-3	Chromium	15	MG_KG	0	1.1		Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-48-4	Cobalt	29	MG_KG	0	0.11	J	Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-50-8	Copper	55	MG_KG	0	2.3	J	Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-66-6	Zinc	57	MG_KG	0	4.6		Y
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7782-49-2	Selenium	0.14	MG_KG	0	0.57	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7440-31-5	Tin	4.6	MG_KG	0	23	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	METAL	7439-97-6	Mercury	0.0044	MG_KG	0	0.022	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	11096-82-5	Aroclor-1260	5.7	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	79	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	11141-16-5	Aroclor-1232	8.9	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	12672-29-6	Aroclor-1248	6	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	12674-11-2	Aroclor-1016	4.5	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	53469-21-9	Aroclor-1242	5.7	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	71-43-2	Benzene	1.1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	71-55-6	1,1,1-Trichloroethane	0.82	UG_KG	0	7.1	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	74-83-9	Bromomethane	2.3	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	74-87-3	Chloromethane	1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	74-95-3	Dibromomethane	1.7	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-00-3	Chloroethane	1.7	UG_KG	0	7.1	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-01-4	Vinyl chloride	0.82	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-09-2	Methylene chloride	1.4	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-15-0	Carbon disulfide	0.72	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-25-2	Bromoform	1.6	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-27-4	Bromodichloromethane	1.2	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-34-3	1,1-Dichloroethane	0.71	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-35-4	1,1-Dichloroethene	0.76	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	2.1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.3	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	78-87-5	1,2-Dichloropropane	1.6	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	78-93-3	2-Butanone	3.8	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	79-00-5	1,1,2-Trichloroethane	1.7	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	79-01-6	Trichloroethene	1.4	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	79-34-5	1,1,2,2-Tetrachloroethane	2	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	106-93-4	1,2-Dibromoethane	2.1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	107-06-2	1,2-Dichloroethane	1.4	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	108-10-1	4-Methyl-2-pentanone	4.1	UG_KG	0	35	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	96-12-8	1,2-Dibromo-3-chloropropane	4	UG_KG	0	14	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	96-18-4	1,2,3-Trichloropropane	2	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	108-88-3	Toluene	1.1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	108-05-4	Vinyl acetate	2.1	UG_KG	0	14	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	108-90-7	Chlorobenzene	1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	107-05-1	Allyl chloride	2.1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	126-99-8	2-Chloro-1,3-butadiene	0.81	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	107-02-8	Acrolein	27	UG_KG	0	140	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	107-13-1	Acrylonitrile	33	UG_KG	0	140	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	97-63-2	Ethyl methacrylate	3.1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	78-83-1	Isobutanol	98	UG_KG	0	280	R	--
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	124-48-1	Dibromochloromethane	0.71	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	126-98-7	Methacrylonitrile	34	UG_KG	0	140	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	80-62-6	Methyl methacrylate	5.2	UG_KG	0	7.1	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	127-18-4	Tetrachloroethene	1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	1330-20-7	Xylene, total	3.3	UG_KG	0	14	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	100-41-4	Ethylbenzene	1.1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	156-60-5	trans-1,2-Dichloroethene	1.4	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	76-01-7	Pentachloroethane	3.1	UG_KG	0	35	R	--
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	75-05-8	Acetonitrile	64	UG_KG	0	280	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	100-42-5	Styrene	0.93	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	74-88-4	Iodomethane	1.4	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	107-12-0	Propionitrile	30	UG_KG	0	140	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	110-57-6	trans-1,4-Dichloro-2-butene	4.4	UG_KG	0	14	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	10061-01-5	cis-1,3-Dichloropropene	1.2	UG_KG	0	7.1	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	56-23-5	Carbon tetrachloride	1.4	UG_KG	0	7.1	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	10061-02-6	trans-1,3-Dichloropropene	1.2	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	591-78-6	2-Hexanone	3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.91	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	67-64-1	Acetone	11	UG_KG	0	71	J	Y
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	67-66-3	Chloroform	0.71	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	67-72-1	Hexachloroethane	8.8	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.3	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	78	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	106-46-7	1,4-Dichlorobenzene	7.3	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	77-47-4	Hexachlorocyclopentadiene	17	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	78-59-1	Isophorone	7.3	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	106-47-8	4-Chloroaniline	7.1	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	83-32-9	Acenaphthene	0.68	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	84-74-2	Di-n-butylphthalate	30	UG_KG	0	200	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	85-68-7	Butylbenzylphthalate	8.5	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	86-30-6	n-Nitrosodiphenylamine	8.4	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	86-73-7	Fluorene	0.91	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	87-86-5	Pentachlorophenol	9.8	UG_KG	0	200	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	88-06-2	2,4,6-Trichlorophenol	9.4	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	88-74-4	2-Nitroaniline	7.7	UG_KG	0	200	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	88-75-5	2-Nitrophenol	8.6	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	HERB	88-85-7	Dinoseb	20	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	91-20-3	Naphthalene	0.71	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	91-58-7	2-Chloronaphthalene	7.3	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	78	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	95-48-7	2-Methylphenol	9.6	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	95-50-1	1,2-Dichlorobenzene	8.3	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	95-57-8	2-Chlorophenol	7.8	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	95-95-4	2,4,5-Trichlorophenol	8.1	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	98-95-3	Nitrobenzene	8.2	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.5	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	108-95-2	Phenol	5.7	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	62-53-3	Aniline	7.5	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.8	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	92-52-4	1,1-Biphenyl	8.8	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8.1	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	98-86-2	Acetophenone	10	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	13	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	117-84-0	Di-n-octylphthalate	3.9	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	118-74-1	Hexachlorobenzene	8.1	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	780	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	EXPLO	99-65-0	1,3-Dinitrobenzene	4.6	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	123-91-1	1,4-Dioxane	9.5	UG_KG	0	39	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	120-82-1	1,2,4-Trichlorobenzene	8.8	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	120-83-2	2,4-Dichlorophenol	9.6	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	121-14-2	2,4-Dinitrotoluene	7	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	70-30-4	Hexachlorophene	980	UG_KG	0	20000	R	--
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	100-02-7	4-Nitrophenol	39	UG_KG	0	200	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.1	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	62-75-9	n-Nitrosodimethylamine	12	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.8	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	930-55-2	n-Nitrosopyrrolidine	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	129-00-0	Pyrene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	56-38-2	Parathion	9.1	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	608-93-5	Pentachlorobenzene	7.3	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	131-11-3	Dimethyl phthalate	7.6	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	82-68-8	Pentachloronitrobenzene	7	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	780	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	132-64-9	Dibenzofuran	5	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.5	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	87-65-0	2,6-Dichlorophenol	7.6	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.9	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	205-99-2	Benzo(b)fluoranthene	0.9	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.6	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	109-06-8	2-Picoline	14	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	122-09-8	a,a-Dimethylphenethylamine	70	UG_KG	0	7900	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	56-49-5	3-Methylcholanthrene	7.2	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.4	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	62-44-2	Phenacetin	5.6	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	101-55-3	4-Bromophenyl-phenylether	8.4	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	99-09-2	3-Nitroaniline	5.3	UG_KG	0	200	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	100-01-6	4-Nitroaniline	9.1	UG_KG	0	200	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	218-01-9	Chrysene	0.72	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	298-00-0	Methyl parathion	3.9	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	298-04-4	Disulfoton	7	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	130-15-4	1,4-Naphthoquinone	4.6	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	53-96-3	2-Acetylaminofluorene	6	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	91-59-8	2-Naphthylamine	24	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	390	R	--
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	140-57-8	Aramite	13	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	HERB	2303-16-4	Diallate	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	60-51-5	Dimethoate	3.9	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	52-85-7	Famphur	4.3	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	1888-71-7	Hexachloropropene	8.5	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	120-58-1	Isosafrole	8.4	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7900	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	59-89-2	N-Nitrosomorpholine	7.8	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	100-75-4	N-Nitrosopiperidine	10	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	78	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	298-02-2	Phorate	9.7	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	23950-58-5	Pronamide	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	94-59-7	Safrole	9.8	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	100-51-6	Benzyl alcohol	9.5	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	50-32-8	Benzo(a)pyrene	0.78	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	51-28-5	2,4-Dinitrophenol	98	UG_KG	0	390	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	53-70-3	Dibenz(a,h)anthracene	0.7	UG_KG	0	7.9	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.9	UG_KG	0	200	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	VOA	541-73-1	1,3-Dichlorobenzene	7.1	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	7.9	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	59-50-7	4-Chloro-3-methylphenol	8.9	UG_KG	0	39	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	606-20-2	2,6-Dinitrotoluene	7.3	UG_KG	0	39	U	N
5/29/2008	SB	5	7	FD	78SB11-03D	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.7	UG_KG	0	39	U	N
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-62-2	Vanadium	120	MG_KG	0	1.3		Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7439-92-1	Lead	1.1	MG_KG	0	0.38		Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-02-0	Nickel	5.6	MG_KG	0	0.25		Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-22-4	Silver	0.022	MG_KG	0	0.25	J	Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-28-0	Thallium	0.15	MG_KG	0	0.51	U	N
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-36-0	Antimony	0.096	MG_KG	0	0.64	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-38-2	Arsenic	1.1	MG_KG	0	0.64		Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-39-3	Barium	25	MG_KG	0	1.3	J	Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-41-7	Beryllium	0.21	MG_KG	0	0.13		Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-43-9	Cadmium	0.11	MG_KG	0	0.13	J	Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-47-3	Chromium	15	MG_KG	0	1.3		Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-48-4	Cobalt	19	MG_KG	0	0.13	J	Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-50-8	Copper	34	MG_KG	0	2.5	J	Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-66-6	Zinc	54	MG_KG	0	5.1		Y
5/29/2008	SB	5	7	N	78SB11-03	METAL	7782-49-2	Selenium	0.15	MG_KG	0	0.64	U	N
5/29/2008	SB	5	7	N	78SB11-03	METAL	7440-31-5	Tin	5.1	MG_KG	0	25	U	N
5/29/2008	SB	5	7	N	78SB11-03	METAL	7439-97-6	Mercury	0.0053	MG_KG	0	0.027	U	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	11096-82-5	Aroclor-1260	6.8	UG_KG	0	47	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	11097-69-1	Aroclor-1254	3.3	UG_KG	0	47	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	11104-28-2	Aroclor-1221	18	UG_KG	0	95	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	11141-16-5	Aroclor-1232	11	UG_KG	0	47	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	12672-29-6	Aroclor-1248	7.2	UG_KG	0	47	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	12674-11-2	Aroclor-1016	5.4	UG_KG	0	47	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	53469-21-9	Aroclor-1242	6.8	UG_KG	0	47	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	71-43-2	Benzene	1	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	71-55-6	1,1,1-Trichloroethane	0.76	UG_KG	0	6.5	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	74-83-9	Bromomethane	2.1	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	74-87-3	Chloromethane	0.93	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	74-95-3	Dibromomethane	1.6	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-00-3	Chloroethane	1.6	UG_KG	0	6.5	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-01-4	Vinyl chloride	0.76	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-09-2	Methylene chloride	1.3	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-15-0	Carbon disulfide	0.67	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-25-2	Bromoform	1.4	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-27-4	Bromodichloromethane	1.1	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-34-3	1,1-Dichloroethane	0.65	UG_KG	0	6.5	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-35-4	1,1-Dichloroethene	0.71	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	2	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.2	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	78-87-5	1,2-Dichloropropane	1.4	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	78-93-3	2-Butanone	3.9	UG_KG	0	33	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	79-00-5	1,1,2-Trichloroethane	1.6	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	79-01-6	Trichloroethene	1.3	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.8	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	106-93-4	1,2-Dibromoethane	2	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	107-06-2	1,2-Dichloroethane	1.3	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	108-10-1	4-Methyl-2-pentanone	3.8	UG_KG	0	33	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.7	UG_KG	0	13	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	96-18-4	1,2,3-Trichloropropane	1.8	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	108-88-3	Toluene	1	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	108-05-4	Vinyl acetate	2	UG_KG	0	13	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	108-90-7	Chlorobenzene	0.96	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	107-05-1	Allyl chloride	2	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	126-99-8	2-Chloro-1,3-butadiene	0.75	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	107-02-8	Acrolein	25	UG_KG	0	130	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	107-13-1	Acrylonitrile	30	UG_KG	0	130	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	97-63-2	Ethyl methacrylate	2.9	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	78-83-1	Isobutanol	90	UG_KG	0	260	R	--
5/29/2008	SB	5	7	N	78SB11-03	VOA	124-48-1	Dibromochloromethane	0.65	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	126-98-7	Methacrylonitrile	31	UG_KG	0	130	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	80-62-6	Methyl methacrylate	4.8	UG_KG	0	6.5	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	127-18-4	Tetrachloroethene	0.96	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	1330-20-7	Xylene, total	3	UG_KG	0	13	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	100-41-4	Ethylbenzene	0.98	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	156-60-5	trans-1,2-Dichloroethene	1.3	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	76-01-7	Pentachloroethane	2.9	UG_KG	0	33	R	--
5/29/2008	SB	5	7	N	78SB11-03	VOA	75-05-8	Acetonitrile	59	UG_KG	0	260	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	100-42-5	Styrene	0.86	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	74-88-4	Iodomethane	3.3	UG_KG	0	6.5	J	Y
5/29/2008	SB	5	7	N	78SB11-03	VOA	107-12-0	Propionitrile	27	UG_KG	0	130	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	110-57-6	trans-1,4-Dichloro-2-butene	4.1	UG_KG	0	13	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	10061-01-5	cis-1,3-Dichloropropene	1.1	UG_KG	0	6.5	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	56-23-5	Carbon tetrachloride	1.3	UG_KG	0	6.5	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	10061-02-6	trans-1,3-Dichloropropene	1.1	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	591-78-6	2-Hexanone	2.7	UG_KG	0	33	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.84	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	67-64-1	Acetone	33	UG_KG	0	65	J	Y
5/29/2008	SB	5	7	N	78SB11-03	VOA	67-66-3	Chloroform	0.65	UG_KG	0	6.5	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	67-72-1	Hexachloroethane	11	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	7005-72-3	4-Chlorophenyl-phenylether	8.9	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	105-67-9	2,4-Dimethylphenol	24	UG_KG	0	95	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	106-46-7	1,4-Dichlorobenzene	8.9	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	77-47-4	Hexachlorocyclopentadiene	20	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	78-59-1	Isophorone	8.9	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	106-47-8	4-Chloroaniline	8.6	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	83-32-9	Acenaphthene	0.82	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	84-66-2	Diethylphthalate	16	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	84-74-2	Di-n-butylphthalate	100	UG_KG	0	240	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	85-01-8	Phenanthrene	2.4	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	85-68-7	Butylbenzylphthalate	10	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	86-30-6	n-Nitrosodiphenylamine	10	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	86-73-7	Fluorene	1.1	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	87-68-3	Hexachlorobutadiene	13	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	87-86-5	Pentachlorophenol	12	UG_KG	0	240	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	88-06-2	2,4,6-Trichlorophenol	11	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	88-74-4	2-Nitroaniline	9.4	UG_KG	0	240	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	88-75-5	2-Nitrophenol	11	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	HERB	88-85-7	Dinoseb	24	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	91-20-3	Naphthalene	0.86	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	91-57-6	2-Methylnaphthalene	2.4	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	91-58-7	2-Chloronaphthalene	8.9	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	91-94-1	3,3'-Dichlorobenzidine	13	UG_KG	0	95	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	95-48-7	2-Methylphenol	12	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	95-50-1	1,2-Dichlorobenzene	10	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	95-57-8	2-Chlorophenol	9.5	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	95-95-4	2,4,5-Trichlorophenol	9.8	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	98-95-3	Nitrobenzene	9.9	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	9.1	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	108-95-2	Phenol	6.9	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	62-53-3	Aniline	9.1	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	111-44-4	bis(2-Chloroethyl)ether	8.2	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	92-52-4	1,1-Biphenyl	11	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	111-91-1	bis(2-Chloroethoxy)methane	9.8	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	98-86-2	Acetophenone	12	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	14	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	117-84-0	Di-n-octylphthalate	4.8	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	118-74-1	Hexachlorobenzene	9.8	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	120-12-7	Anthracene	2.4	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	119-93-7	3,3'-Dimethylbenzidine	260	UG_KG	0	950	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	EXPLO	99-65-0	1,3-Dinitrobenzene	5.6	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	123-91-1	1,4-Dioxane	12	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	120-82-1	1,2,4-Trichlorobenzene	11	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	120-83-2	2,4-Dichlorophenol	12	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	121-14-2	2,4-Dinitrotoluene	8.5	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	70-30-4	Hexachlorophene	1200	UG_KG	0	24000	R	--
5/29/2008	SB	5	7	N	78SB11-03	SVOA	100-02-7	4-Nitrophenol	48	UG_KG	0	240	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	95-53-4	2-Methylaniline	13	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	99-55-8	2-Methyl-5-nitroaniline	8.6	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	924-16-3	n-Nitroso-di-n-butylamine	13	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	55-18-5	n-Nitrosodiethylamine	17	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	62-75-9	n-Nitrosodimethylamine	14	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	8.2	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	930-55-2	n-Nitrosopyrrolidine	13	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	129-00-0	Pyrene	2.4	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	56-38-2	Parathion	11	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	608-93-5	Pentachlorobenzene	8.9	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	131-11-3	Dimethyl phthalate	9.2	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	82-68-8	Pentachloronitrobenzene	8.5	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	106-50-3	p-Phenylenediamine	230	UG_KG	0	950	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	132-64-9	Dibenzofuran	6	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	9.1	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	6	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	EXPLO	99-35-4	1,3,5-Trinitrobenzene	24	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	191-24-2	Benzo(g,h,i)perylene	2.4	UG_KG	0	9.6	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	5	7	N	78SB11-03	SVOA	87-65-0	2,6-Dichlorophenol	9.2	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.7	UG_KG	0	9.6	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	205-99-2	Benzo(b)fluoranthene	1.1	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	92-67-1	4-Aminobiphenyl	19	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	m&pCRESOL	3- and 4-Methylphenol	11	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	109-06-8	2-Picoline	17	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	122-09-8	a,a-Dimethylphenethylamine	85	UG_KG	0	9600	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	56-49-5	3-Methylcholanthrene	8.8	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	206-44-0	Fluoranthene	2.4	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	13	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	60-11-7	p-Dimethylaminoazobenzene	10	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	62-44-2	Phenacetin	6.8	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	62-50-0	Ethyl methanesulfonate	16	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	66-27-3	Methyl methanesulfonate	13	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	101-55-3	4-Bromophenyl-phenylether	10	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	207-08-9	Benzo(k)fluoranthene	1.4	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	99-09-2	3-Nitroaniline	6.5	UG_KG	0	240	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	100-01-6	4-Nitroaniline	11	UG_KG	0	240	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	208-96-8	Acenaphthylene	2.4	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	218-01-9	Chrysene	0.88	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	298-00-0	Methyl parathion	4.8	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	298-04-4	Disulfoton	8.5	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	130-15-4	1,4-Naphthoquinone	5.6	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	53-96-3	2-Acetylaminofluorene	7.3	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	91-59-8	2-Naphthylamine	29	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	56-57-5	4-Nitroquinoline-1-oxide	16	UG_KG	0	480	R	--
5/29/2008	SB	5	7	N	78SB11-03	SVOA	140-57-8	Aramite	16	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	HERB	2303-16-4	Diallate	14	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	60-51-5	Dimethoate	4.8	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	52-85-7	Famphur	5.2	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	1888-71-7	Hexachloropropene	10	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	120-58-1	Isosafrole	10	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	91-80-5	Methapyrilene	13	UG_KG	0	9600	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	59-89-2	N-Nitrosomorpholine	9.5	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	100-75-4	N-Nitrosopiperidine	12	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	23	UG_KG	0	95	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	298-02-2	Phorate	12	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	23950-58-5	Pronamide	13	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	94-59-7	Safrole	12	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	100-51-6	Benzyl alcohol	12	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	50-32-8	Benzo(a)pyrene	0.95	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	51-28-5	2,4-Dinitrophenol	120	UG_KG	0	480	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	53-70-3	Dibenz(a,h)anthracene	0.85	UG_KG	0	9.6	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	8.4	UG_KG	0	240	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	VOA	541-73-1	1,3-Dichlorobenzene	8.6	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	56-55-3	Benzo(a)anthracene	2.4	UG_KG	0	9.6	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	59-50-7	4-Chloro-3-methylphenol	11	UG_KG	0	48	UJ	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	606-20-2	2,6-Dinitrotoluene	8.9	UG_KG	0	48	U	N
5/29/2008	SB	5	7	N	78SB11-03	SVOA	621-64-7	n-Nitroso-di-n-propylamine	9.4	UG_KG	0	48	U	N
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-62-2	Vanadium	330	MG_KG	0	1.1		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7439-92-1	Lead	0.65	MG_KG	0	0.33		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-02-0	Nickel	19	MG_KG	0	0.22		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-22-4	Silver	0.041	MG_KG	0	0.22	J	Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.44	U	N
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-36-0	Antimony	0.082	MG_KG	0	0.55	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-38-2	Arsenic	2.7	MG_KG	0	0.55		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-39-3	Barium	25	MG_KG	0	1.1		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-41-7	Beryllium	0.23	MG_KG	0	0.11		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-43-9	Cadmium	0.14	MG_KG	0	0.11		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-47-3	Chromium	17	MG_KG	0	1.1		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-48-4	Cobalt	32	MG_KG	0	0.11		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-50-8	Copper	130	MG_KG	0	2.2		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-66-6	Zinc	70	MG_KG	0	4.4		Y
5/29/2008	SB	9	11	N	78SB11-05	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.55	U	N
5/29/2008	SB	9	11	N	78SB11-05	METAL	7440-31-5	Tin	4.4	MG_KG	0	22	U	N
5/29/2008	SB	9	11	N	78SB11-05	METAL	7439-97-6	Mercury	0.0045	MG_KG	0	0.023	U	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	11096-82-5	Aroclor-1260	5.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	11097-69-1	Aroclor-1254	2.6	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	75	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	11141-16-5	Aroclor-1232	8.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	12672-29-6	Aroclor-1248	5.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	12674-11-2	Aroclor-1016	4.3	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	53469-21-9	Aroclor-1242	5.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	71-43-2	Benzene	0.81	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	71-55-6	1,1,1-Trichloroethane	0.6	UG_KG	0	5.1	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	74-83-9	Bromomethane	1.6	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	74-87-3	Chloromethane	0.73	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	74-95-3	Dibromomethane	1.2	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-00-3	Chloroethane	1.2	UG_KG	0	5.1	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-01-4	Vinyl chloride	0.6	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-09-2	Methylene chloride	1	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-15-0	Carbon disulfide	0.52	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-25-2	Bromoform	1.1	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-27-4	Bromodichloromethane	0.85	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-34-3	1,1-Dichloroethane	0.51	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-35-4	1,1-Dichloroethene	0.55	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.5	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.91	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	78-87-5	1,2-Dichloropropane	1.1	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	78-93-3	2-Butanone	2.8	UG_KG	0	26	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	79-00-5	1,1,2-Trichloroethane	1.2	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	79-01-6	Trichloroethene	1	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.4	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	106-93-4	1,2-Dibromoethane	1.5	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	107-06-2	1,2-Dichloroethane	1	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	108-10-1	4-Methyl-2-pentanone	3	UG_KG	0	26	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.9	UG_KG	0	10	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	96-18-4	1,2,3-Trichloropropane	1.4	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	108-88-3	Toluene	0.81	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	108-05-4	Vinyl acetate	1.5	UG_KG	0	10	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	108-90-7	Chlorobenzene	0.75	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	107-05-1	Allyl chloride	1.5	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	126-99-8	2-Chloro-1,3-butadiene	0.58	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	107-02-8	Acrolein	19	UG_KG	0	100	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	107-13-1	Acrylonitrile	24	UG_KG	0	100	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	97-63-2	Ethyl methacrylate	2.3	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	78-83-1	Isobutanol	71	UG_KG	0	210	R	--
5/29/2008	SB	9	11	N	78SB11-05	VOA	124-48-1	Dibromochloromethane	0.51	UG_KG	0	5.1	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	9	11	N	78SB11-05	VOA	126-98-7	Methacrylonitrile	25	UG_KG	0	100	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	80-62-6	Methyl methacrylate	3.8	UG_KG	0	5.1	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	127-18-4	Tetrachloroethene	0.75	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	1330-20-7	Xylene, total	2.4	UG_KG	0	10	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	100-41-4	Ethylbenzene	0.77	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	156-60-5	trans-1,2-Dichloroethene	1	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	76-01-7	Pentachloroethane	2.3	UG_KG	0	26	R	--
5/29/2008	SB	9	11	N	78SB11-05	VOA	75-05-8	Acetonitrile	46	UG_KG	0	210	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	100-42-5	Styrene	0.68	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	74-88-4	Iodomethane	1	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	107-12-0	Propionitrile	22	UG_KG	0	100	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.2	UG_KG	0	10	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	10061-01-5	cis-1,3-Dichloropropene	0.89	UG_KG	0	5.1	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	56-23-5	Carbon tetrachloride	1	UG_KG	0	5.1	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	10061-02-6	trans-1,3-Dichloropropene	0.89	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	591-78-6	2-Hexanone	2.2	UG_KG	0	26	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.66	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	67-64-1	Acetone	5.6	UG_KG	0	51	J	Y
5/29/2008	SB	9	11	N	78SB11-05	VOA	67-66-3	Chloroform	0.51	UG_KG	0	5.1	U	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	67-72-1	Hexachloroethane	8.3	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	106-46-7	1,4-Dichlorobenzene	7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	78-59-1	Isophorone	7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	106-47-8	4-Chloroaniline	6.8	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	83-32-9	Acenaphthene	0.64	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	85-68-7	Butylbenzylphthalate	8.1	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	86-30-6	n-Nitrosodiphenylamine	8	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	86-73-7	Fluorene	0.87	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	87-86-5	Pentachlorophenol	9.4	UG_KG	0	190	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	88-06-2	2,4,6-Trichlorophenol	8.9	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	88-74-4	2-Nitroaniline	7.3	UG_KG	0	190	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	88-75-5	2-Nitrophenol	8.2	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	HERB	88-85-7	Dinoseb	19	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	91-20-3	Naphthalene	0.85	UG_KG	0	7.6	J	Y
5/29/2008	SB	9	11	N	78SB11-05	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	91-58-7	2-Chloronaphthalene	7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	95-48-7	2-Methylphenol	9.1	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	95-50-1	1,2-Dichlorobenzene	7.9	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	95-57-8	2-Chlorophenol	7.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	95-95-4	2,4,5-Trichlorophenol	7.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	98-95-3	Nitrobenzene	7.8	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.1	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	108-95-2	Phenol	5.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	62-53-3	Aniline	7.1	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	92-52-4	1,1-Biphenyl	8.3	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	98-86-2	Acetophenone	9.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	7.5	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	117-84-0	Di-n-octylphthalate	3.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	118-74-1	Hexachlorobenzene	7.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	740	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	EXPLO	99-65-0	1,3-Dinitrobenzene	4.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	123-91-1	1,4-Dioxane	9	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	120-82-1	1,2,4-Trichlorobenzene	8.3	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	120-83-2	2,4-Dichlorophenol	9.1	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	121-14-2	2,4-Dinitrotoluene	6.6	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	70-30-4	Hexachlorophene	940	UG_KG	0	19000	R	--
5/29/2008	SB	9	11	N	78SB11-05	SVOA	100-02-7	4-Nitrophenol	37	UG_KG	0	190	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.8	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	56-38-2	Parathion	8.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	608-93-5	Pentachlorobenzene	7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	131-11-3	Dimethyl phthalate	7.2	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	82-68-8	Pentachloronitrobenzene	6.6	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	740	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	132-64-9	Dibenzofuran	4.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.1	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	87-65-0	2,6-Dichlorophenol	7.2	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	205-99-2	Benzo(b)fluoranthene	0.86	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.2	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	109-06-8	2-Picoline	14	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	122-09-8	a,a-Dimethylphenethylamine	66	UG_KG	0	7600	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	56-49-5	3-Methylcholanthrene	6.9	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	60-11-7	p-Dimethylaminoazobenzene	8	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	62-44-2	Phenacetin	5.3	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	101-55-3	4-Bromophenyl-phenylether	8	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	99-09-2	3-Nitroaniline	5.1	UG_KG	0	190	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	100-01-6	4-Nitroaniline	8.7	UG_KG	0	190	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	218-01-9	Chrysene	0.69	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	298-00-0	Methyl parathion	3.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	298-04-4	Disulfoton	6.6	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	130-15-4	1,4-Naphthoquinone	4.4	UG_KG	0	37	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	9	11	N	78SB11-05	SVOA	53-96-3	2-Acetylaminofluorene	5.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	91-59-8	2-Naphthylamine	23	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	370	R	--
5/29/2008	SB	9	11	N	78SB11-05	SVOA	140-57-8	Aramite	12	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	HERB	2303-16-4	Diallate	11	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	60-51-5	Dimethoate	3.7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	52-85-7	Famphur	4.1	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	1888-71-7	Hexachloropropene	8.1	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	120-58-1	Isosafrole	8	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7600	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	59-89-2	N-Nitrosomorpholine	7.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	100-75-4	N-Nitrosopiperidine	9.6	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	74	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	298-02-2	Phorate	9.2	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	23950-58-5	Pronamide	10	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	94-59-7	Safrole	9.4	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	100-51-6	Benzyl alcohol	9	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	50-32-8	Benzo(a)pyrene	0.74	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	51-28-5	2,4-Dinitrophenol	94	UG_KG	0	370	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	53-70-3	Dibenz(a,h)anthracene	0.66	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.5	UG_KG	0	190	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	VOA	541-73-1	1,3-Dichlorobenzene	6.8	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.6	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	59-50-7	4-Chloro-3-methylphenol	8.5	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	606-20-2	2,6-Dinitrotoluene	7	UG_KG	0	37	UJ	N
5/29/2008	SB	9	11	N	78SB11-05	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.3	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	METAL	7439-92-1	Lead	2.1	MG_KG	0	0.36		Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-02-0	Nickel	23	MG_KG	0	0.24		Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-22-4	Silver	0.03	MG_KG	0	0.24	J	Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-28-0	Thallium	0.14	MG_KG	0	0.48	U	N
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-36-0	Antimony	0.091	MG_KG	0	0.59	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-38-2	Arsenic	1.5	MG_KG	0	0.59		Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-39-3	Barium	130	MG_KG	0	1.2		Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-41-7	Beryllium	0.35	MG_KG	0	0.12		Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-43-9	Cadmium	0.066	MG_KG	0	0.12	J	Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-47-3	Chromium	34	MG_KG	0	1.2	J	Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-48-4	Cobalt	47	MG_KG	0	0.12		Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-50-8	Copper	120	MG_KG	0	2.4		Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-62-2	Vanadium	270	MG_KG	0	1.2		Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-66-6	Zinc	47	MG_KG	0	4.8	J	Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7782-49-2	Selenium	1.4	MG_KG	0	0.59		Y
5/29/2008	SS	0	1	N	78SB12-00	METAL	7440-31-5	Tin	4.8	MG_KG	0	24	U	N
5/29/2008	SS	0	1	N	78SB12-00	METAL	7439-97-6	Mercury	0.032	MG_KG	0	0.025		Y
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	11096-82-5	Aroclor-1260	6.1	UG_KG	0	42	U	N
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	11097-69-1	Aroclor-1254	2.9	UG_KG	0	42	U	N
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	11104-28-2	Aroclor-1221	16	UG_KG	0	85	U	N
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	11141-16-5	Aroclor-1232	9.5	UG_KG	0	42	U	N
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	12672-29-6	Aroclor-1248	6.4	UG_KG	0	42	U	N
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	12674-11-2	Aroclor-1016	4.8	UG_KG	0	42	U	N
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	53469-21-9	Aroclor-1242	6.1	UG_KG	0	42	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	71-43-2	Benzene	0.86	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	71-55-6	1,1,1-Trichloroethane	0.63	UG_KG	0	5.4	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	74-83-9	Bromomethane	1.7	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	74-87-3	Chloromethane	0.77	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-01-4	Vinyl chloride	0.63	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-15-0	Carbon disulfide	0.55	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-27-4	Bromodichloromethane	0.9	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-34-3	1,1-Dichloroethane	0.54	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-35-4	1,1-Dichloroethene	0.59	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.97	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	78-93-3	2-Butanone	12	UG_KG	0	27	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	108-10-1	4-Methyl-2-pentanone	3.2	UG_KG	0	27	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	108-88-3	Toluene	0.86	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	108-90-7	Chlorobenzene	0.79	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.62	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	107-02-8	Acrolein	21	UG_KG	0	110	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	78-83-1	Isobutanol	75	UG_KG	0	220	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	124-48-1	Dibromochloromethane	0.54	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	80-62-6	Methyl methacrylate	4	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	127-18-4	Tetrachloroethene	0.79	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	100-41-4	Ethylbenzene	0.82	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.1	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	27	R	--
5/29/2008	SS	0	1	N	78SB12-00	VOA	75-05-8	Acetonitrile	49	UG_KG	0	220	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	100-42-5	Styrene	0.72	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	74-88-4	Iodomethane	3.7	UG_KG	0	5.4	J	Y
5/29/2008	SS	0	1	N	78SB12-00	VOA	107-12-0	Propionitrile	23	UG_KG	0	110	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.4	UG_KG	0	11	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.95	UG_KG	0	5.4	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.4	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.95	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	591-78-6	2-Hexanone	2.3	UG_KG	0	27	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.7	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	67-64-1	Acetone	4.8	UG_KG	0	54	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	67-66-3	Chloroform	0.54	UG_KG	0	5.4	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	67-72-1	Hexachloroethane	9.2	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.7	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	105-67-9	2,4-Dimethylphenol	21	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	106-46-7	1,4-Dichlorobenzene	7.7	UG_KG	0	41	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB12-00	SVOA	77-47-4	Hexachlorocyclopentadiene	17	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	78-59-1	Isophorone	7.7	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	106-47-8	4-Chloroaniline	7.4	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	83-32-9	Acenaphthene	18	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	84-66-2	Diethylphthalate	14	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	84-74-2	Di-n-butylphthalate	31	UG_KG	0	210	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	85-01-8	Phenanthrene	220	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	85-68-7	Butylbenzylphthalate	8.9	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	86-30-6	n-Nitrosodiphenylamine	8.8	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	86-73-7	Fluorene	53	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	87-86-5	Pentachlorophenol	10	UG_KG	0	210	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	88-06-2	2,4,6-Trichlorophenol	9.8	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	88-74-4	2-Nitroaniline	8.1	UG_KG	0	210	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	88-75-5	2-Nitrophenol	9.1	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	HERB	88-85-7	Dinoseb	21	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	91-20-3	Naphthalene	99	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	91-57-6	2-Methylnaphthalene	19	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	91-58-7	2-Chloronaphthalene	7.7	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	82	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	95-48-7	2-Methylphenol	10	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	95-50-1	1,2-Dichlorobenzene	8.7	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	95-57-8	2-Chlorophenol	8.2	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	95-95-4	2,4,5-Trichlorophenol	8.4	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	98-95-3	Nitrobenzene	8.6	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.8	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	108-95-2	Phenol	6	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	62-53-3	Aniline	7.8	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	7.1	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	92-52-4	1,1-Biphenyl	9.2	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8.4	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	98-86-2	Acetophenone	11	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	12	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	117-84-0	Di-n-octylphthalate	4.1	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	118-74-1	Hexachlorobenzene	8.4	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	120-12-7	Anthracene	43	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	220	UG_KG	0	820	U	N
5/29/2008	SS	0	1	N	78SB12-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.8	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	123-91-1	1,4-Dioxane	9.9	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	120-82-1	1,2,4-Trichlorobenzene	9.2	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	120-83-2	2,4-Dichlorophenol	10	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	121-14-2	2,4-Dinitrotoluene	7.3	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	70-30-4	Hexachlorophene	1000	UG_KG	0	21000	R	--
5/29/2008	SS	0	1	N	78SB12-00	SVOA	100-02-7	4-Nitrophenol	41	UG_KG	0	210	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	95-53-4	2-Methylaniline	12	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.4	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	55-18-5	n-Nitrosodiethylamine	15	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	62-75-9	n-Nitrosodimethylamine	12	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	7.1	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	930-55-2	n-Nitrosopyrrolidine	11	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	129-00-0	Pyrene	180	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	56-38-2	Parathion	9.6	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	608-93-5	Pentachlorobenzene	7.7	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	131-11-3	Dimethyl phthalate	7.9	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	82-68-8	Pentachloronitrobenzene	7.3	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	106-50-3	p-Phenylenediamine	200	UG_KG	0	820	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	132-64-9	Dibenzofuran	33	UG_KG	0	41	J	Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.8	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5.2	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	21	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	191-24-2	Benzo(g,h,i)perylene	34	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	87-65-0	2,6-Dichlorophenol	7.9	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	15	UG_KG	0	8.3	J	Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	205-99-2	Benzo(b)fluoranthene	110	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	92-67-1	4-Aminobiphenyl	16	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	9.1	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	109-06-8	2-Picoline	15	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	73	UG_KG	0	8300	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	56-49-5	3-Methylcholanthrene	7.6	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	206-44-0	Fluoranthene	180	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	12	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.8	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	62-44-2	Phenacetin	5.8	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	62-50-0	Ethyl methanesulfonate	14	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	66-27-3	Methyl methanesulfonate	12	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	101-55-3	4-Bromophenyl-phenylether	8.8	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	8.3	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	99-09-2	3-Nitroaniline	5.6	UG_KG	0	210	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	100-01-6	4-Nitroaniline	9.6	UG_KG	0	210	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	208-96-8	Acenaphthylene	26	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	218-01-9	Chrysene	66	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	298-00-0	Methyl parathion	4.1	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	298-04-4	Disulfoton	7.3	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	130-15-4	1,4-Naphthoquinone	4.8	UG_KG	0	41	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	53-96-3	2-Acetylaminofluorene	6.3	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	91-59-8	2-Naphthylamine	25	UG_KG	0	82	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	14	UG_KG	0	410	R	--
5/29/2008	SS	0	1	N	78SB12-00	SVOA	140-57-8	Aramite	14	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	HERB	2303-16-4	Diallate	12	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	60-51-5	Dimethoate	4.1	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	52-85-7	Famphur	4.5	UG_KG	0	41	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	1888-71-7	Hexachloropropene	8.9	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	120-58-1	Isosafrole	8.8	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	91-80-5	Methapyrilene	12	UG_KG	0	8300	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	59-89-2	N-Nitrosomorpholine	8.2	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	100-75-4	N-Nitrosopiperidine	11	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	20	UG_KG	0	82	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	298-02-2	Phorate	10	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	23950-58-5	Pronamide	11	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	94-59-7	Safrole	10	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	100-51-6	Benzyl alcohol	9.9	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	50-32-8	Benzo(a)pyrene	76	UG_KG	0	8.3		Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	51-28-5	2,4-Dinitrophenol	100	UG_KG	0	410	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	53-70-3	Dibenz(a,h)anthracene	5.7	UG_KG	0	8.3	J	Y
5/29/2008	SS	0	1	N	78SB12-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	7.2	UG_KG	0	210	U	N
5/29/2008	SS	0	1	N	78SB12-00	VOA	541-73-1	1,3-Dichlorobenzene	7.4	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	56-55-3	Benzo(a)anthracene	68	UG_KG	0	8.3		Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB12-00	SVOA	59-50-7	4-Chloro-3-methylphenol	9.3	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	606-20-2	2,6-Dinitrotoluene	7.7	UG_KG	0	41	U	N
5/29/2008	SS	0	1	N	78SB12-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	8.1	UG_KG	0	41	U	N
5/29/2008	SB	3	5	N	78SB12-02	METAL	7439-92-1	Lead	1	MG_KG	0	0.29		Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-02-0	Nickel	15	MG_KG	0	0.2		Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-22-4	Silver	0.025	MG_KG	0	0.2	J	Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.39	U	N
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-36-0	Antimony	0.1	MG_KG	0	0.49	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-38-2	Arsenic	2	MG_KG	0	0.49		Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-39-3	Barium	60	MG_KG	0	0.98		Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-41-7	Beryllium	0.14	MG_KG	0	0.098		Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-43-9	Cadmium	0.031	MG_KG	0	0.098	J	Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-47-3	Chromium	31	MG_KG	0	0.98	J	Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-48-4	Cobalt	20	MG_KG	0	0.098		Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-50-8	Copper	210	MG_KG	0	2		Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-62-2	Vanadium	120	MG_KG	0	0.98		Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-66-6	Zinc	40	MG_KG	0	3.9	J	Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7782-49-2	Selenium	0.3	MG_KG	0	0.49	J	Y
5/29/2008	SB	3	5	N	78SB12-02	METAL	7440-31-5	Tin	3.9	MG_KG	0	20	U	N
5/29/2008	SB	3	5	N	78SB12-02	METAL	7439-97-6	Mercury	0.0041	MG_KG	0	0.021	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	11096-82-5	Aroclor-1260	5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	11097-69-1	Aroclor-1254	2.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	70	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	11141-16-5	Aroclor-1232	7.8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	12672-29-6	Aroclor-1248	5.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	12674-11-2	Aroclor-1016	4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	53469-21-9	Aroclor-1242	5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	71-43-2	Benzene	0.85	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	71-55-6	1,1,1-Trichloroethane	0.62	UG_KG	0	5.4	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	74-83-9	Bromomethane	1.7	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	74-87-3	Chloromethane	0.76	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	74-95-3	Dibromomethane	1.3	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-00-3	Chloroethane	1.3	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-01-4	Vinyl chloride	0.62	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-09-2	Methylene chloride	1.1	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-15-0	Carbon disulfide	0.55	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-25-2	Bromoform	1.2	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-27-4	Bromodichloromethane	0.89	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-34-3	1,1-Dichloroethane	0.54	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-35-4	1,1-Dichloroethene	0.58	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.6	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.95	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	78-87-5	1,2-Dichloropropane	1.2	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	78-93-3	2-Butanone	7.4	UG_KG	0	27	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	79-00-5	1,1,2-Trichloroethane	1.3	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	79-01-6	Trichloroethene	1.1	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.5	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	106-93-4	1,2-Dibromoethane	1.6	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	107-06-2	1,2-Dichloroethane	1.1	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	108-10-1	4-Methyl-2-pentanone	3.1	UG_KG	0	27	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3	UG_KG	0	11	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	96-18-4	1,2,3-Trichloropropane	1.5	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	108-88-3	Toluene	0.85	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	108-05-4	Vinyl acetate	1.6	UG_KG	0	11	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	108-90-7	Chlorobenzene	0.78	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	107-05-1	Allyl chloride	1.6	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	126-99-8	2-Chloro-1,3-butadiene	0.61	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	107-02-8	Acrolein	20	UG_KG	0	110	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	107-13-1	Acrylonitrile	25	UG_KG	0	110	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	97-63-2	Ethyl methacrylate	2.4	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	78-83-1	Isobutanol	74	UG_KG	0	210	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	124-48-1	Dibromochloromethane	0.54	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	126-98-7	Methacrylonitrile	26	UG_KG	0	110	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	80-62-6	Methyl methacrylate	4	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	127-18-4	Tetrachloroethene	0.78	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	1330-20-7	Xylene, total	2.5	UG_KG	0	11	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	100-41-4	Ethylbenzene	0.8	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	156-60-5	trans-1,2-Dichloroethene	1	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	76-01-7	Pentachloroethane	2.4	UG_KG	0	27	R	--
5/29/2008	SB	3	5	N	78SB12-02	VOA	75-05-8	Acetonitrile	48	UG_KG	0	210	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	100-42-5	Styrene	0.71	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	74-88-4	Iodomethane	5.7	UG_KG	0	5.4		Y
5/29/2008	SB	3	5	N	78SB12-02	VOA	107-12-0	Propionitrile	22	UG_KG	0	110	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.3	UG_KG	0	11	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	10061-01-5	cis-1,3-Dichloropropene	0.93	UG_KG	0	5.4	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	56-23-5	Carbon tetrachloride	1.1	UG_KG	0	5.4	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	10061-02-6	trans-1,3-Dichloropropene	0.93	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	591-78-6	2-Hexanone	2.2	UG_KG	0	27	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.69	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	67-64-1	Acetone	48	UG_KG	0	54	J	Y
5/29/2008	SB	3	5	N	78SB12-02	VOA	67-66-3	Chloroform	0.54	UG_KG	0	5.4	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	67-72-1	Hexachloroethane	7.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	106-46-7	1,4-Dichlorobenzene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	78-59-1	Isophorone	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	106-47-8	4-Chloroaniline	6.3	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	83-32-9	Acenaphthene	0.6	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	84-74-2	Di-n-butylphthalate	26	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	85-68-7	Butylbenzylphthalate	7.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	86-30-6	n-Nitrosodiphenylamine	7.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	86-73-7	Fluorene	0.81	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	87-68-3	Hexachlorobutadiene	9.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	87-86-5	Pentachlorophenol	8.7	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	88-06-2	2,4,6-Trichlorophenol	8.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	88-74-4	2-Nitroaniline	6.8	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	88-75-5	2-Nitrophenol	7.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	HERB	88-85-7	Dinoseb	18	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	91-20-3	Naphthalene	0.63	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	91-58-7	2-Chloronaphthalene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.6	UG_KG	0	69	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	95-48-7	2-Methylphenol	8.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	95-50-1	1,2-Dichlorobenzene	7.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	95-57-8	2-Chlorophenol	6.9	UG_KG	0	35	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	3	5	N	78SB12-02	SVOA	95-95-4	2,4,5-Trichlorophenol	7.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	98-95-3	Nitrobenzene	7.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	108-95-2	Phenol	5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	62-53-3	Aniline	6.6	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	111-44-4	bis(2-Chloroethyl)ether	6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	92-52-4	1,1-Biphenyl	7.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	98-86-2	Acetophenone	9	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	22	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	118-74-1	Hexachlorobenzene	7.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	690	U	N
5/29/2008	SB	3	5	N	78SB12-02	EXPLO	99-65-0	1,3-Dinitrobenzene	4.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	123-91-1	1,4-Dioxane	8.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	120-82-1	1,2,4-Trichlorobenzene	7.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	120-83-2	2,4-Dichlorophenol	8.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	121-14-2	2,4-Dinitrotoluene	6.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	70-30-4	Hexachlorophene	870	UG_KG	0	18000	R	--
5/29/2008	SB	3	5	N	78SB12-02	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	95-53-4	2-Methylaniline	9.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	62-75-9	n-Nitrosodimethylamine	10	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	930-55-2	n-Nitrosopyrrolidine	9.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	56-38-2	Parathion	8.1	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	608-93-5	Pentachlorobenzene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	131-11-3	Dimethyl phthalate	6.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	82-68-8	Pentachloronitrobenzene	6.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	690	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	132-64-9	Dibenzofuran	4.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	87-65-0	2,6-Dichlorophenol	6.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	205-99-2	Benzo(b)fluoranthene	0.8	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	109-06-8	2-Picoline	13	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	122-09-8	a,a-Dimethylphenethylamine	62	UG_KG	0	7000	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	56-49-5	3-Methylcholanthrene	6.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	9.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	62-44-2	Phenacetin	4.9	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	66-27-3	Methyl methanesulfonate	9.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	101-55-3	4-Bromophenyl-phenylether	7.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	207-08-9	Benzo(k)fluoranthene	1	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	99-09-2	3-Nitroaniline	4.7	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	100-01-6	4-Nitroaniline	8.1	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	218-01-9	Chrysene	0.64	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	298-04-4	Disulfoton	6.2	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	130-15-4	1,4-Naphthoquinone	4.1	UG_KG	0	35	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	53-96-3	2-Acetylaminofluorene	5.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	69	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/29/2008	SB	3	5	N	78SB12-02	SVOA	140-57-8	Aramite	12	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	HERB	2303-16-4	Diallate	10	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	52-85-7	Famphur	3.8	UG_KG	0	35	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	1888-71-7	Hexachloropropene	7.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	120-58-1	Isosafrole	7.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	91-80-5	Methapyrilene	9.7	UG_KG	0	7000	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	59-89-2	N-Nitrosomorpholine	6.9	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	100-75-4	N-Nitrosopiperidine	8.9	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	69	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	298-02-2	Phorate	8.6	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	23950-58-5	Pronamide	9.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	94-59-7	Safrole	8.7	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	100-51-6	Benzyl alcohol	8.4	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	50-32-8	Benzo(a)pyrene	0.69	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	51-28-5	2,4-Dinitrophenol	87	UG_KG	0	350	UJ	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	53-70-3	Dibenz(a,h)anthracene	0.62	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.1	UG_KG	0	180	U	N
5/29/2008	SB	3	5	N	78SB12-02	VOA	541-73-1	1,3-Dichlorobenzene	6.3	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	59-50-7	4-Chloro-3-methylphenol	7.8	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	606-20-2	2,6-Dinitrotoluene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	3	5	N	78SB12-02	SVOA	621-64-7	n-Nitroso-di-n-propylamine	6.8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	METAL	7439-92-1	Lead	0.42	MG_KG	0	0.29		Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-02-0	Nickel	21	MG_KG	0	0.19		Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-22-4	Silver	0.016	MG_KG	0	0.19	U	N
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.39	U	N
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-36-0	Antimony	0.073	MG_KG	0	0.49	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-38-2	Arsenic	0.55	MG_KG	0	0.49		Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-39-3	Barium	21	MG_KG	0	0.97		Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-41-7	Beryllium	0.071	MG_KG	0	0.097	J	Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-43-9	Cadmium	0.03	MG_KG	0	0.097	U	N
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-47-3	Chromium	21	MG_KG	0	0.97	J	Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-48-4	Cobalt	22	MG_KG	0	0.097		Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-50-8	Copper	98	MG_KG	0	1.9		Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-62-2	Vanadium	140	MG_KG	0	0.97		Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-66-6	Zinc	43	MG_KG	0	3.9	J	Y
5/29/2008	SB	5	7	N	78SB12-03	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.49	U	N
5/29/2008	SB	5	7	N	78SB12-03	METAL	7440-31-5	Tin	3.9	MG_KG	0	19	U	N
5/29/2008	SB	5	7	N	78SB12-03	METAL	7439-97-6	Mercury	0.004	MG_KG	0	0.02	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	11096-82-5	Aroclor-1260	5.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	11097-69-1	Aroclor-1254	2.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	71	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	11141-16-5	Aroclor-1232	7.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	12672-29-6	Aroclor-1248	5.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	12674-11-2	Aroclor-1016	4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	53469-21-9	Aroclor-1242	5.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	71-43-2	Benzene	0.94	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	71-55-6	1,1,1-Trichloroethane	0.69	UG_KG	0	5.9	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	74-83-9	Bromomethane	1.9	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	74-87-3	Chloromethane	0.84	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	74-95-3	Dibromomethane	1.4	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-00-3	Chloroethane	1.4	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-01-4	Vinyl chloride	0.69	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-09-2	Methylene chloride	1.2	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-15-0	Carbon disulfide	0.61	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-25-2	Bromoform	1.3	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-27-4	Bromodichloromethane	0.99	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-34-3	1,1-Dichloroethane	0.59	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-35-4	1,1-Dichloroethene	0.64	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.8	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	78-87-5	1,2-Dichloropropane	1.3	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	78-93-3	2-Butanone	3.2	UG_KG	0	30	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	79-00-5	1,1,2-Trichloroethane	1.4	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	79-01-6	Trichloroethene	1.2	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.7	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	106-93-4	1,2-Dibromoethane	1.8	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	107-06-2	1,2-Dichloroethane	1.2	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	108-10-1	4-Methyl-2-pentanone	3.4	UG_KG	0	30	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.3	UG_KG	0	12	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	96-18-4	1,2,3-Trichloropropane	1.7	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	108-88-3	Toluene	0.94	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	108-05-4	Vinyl acetate	1.8	UG_KG	0	12	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	108-90-7	Chlorobenzene	0.87	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	107-05-1	Allyl chloride	1.8	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	126-99-8	2-Chloro-1,3-butadiene	0.68	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	107-02-8	Acrolein	23	UG_KG	0	120	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	107-13-1	Acrylonitrile	27	UG_KG	0	120	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	97-63-2	Ethyl methacrylate	2.6	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	78-83-1	Isobutanol	82	UG_KG	0	240	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	124-48-1	Dibromochloromethane	0.59	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	126-98-7	Methacrylonitrile	28	UG_KG	0	120	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	80-62-6	Methyl methacrylate	4.4	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	127-18-4	Tetrachloroethene	0.87	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	1330-20-7	Xylene, total	2.7	UG_KG	0	12	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	100-41-4	Ethylbenzene	0.89	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	76-01-7	Pentachloroethane	2.6	UG_KG	0	30	R	--
5/29/2008	SB	5	7	N	78SB12-03	VOA	75-05-8	Acetonitrile	53	UG_KG	0	240	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	100-42-5	Styrene	0.78	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	74-88-4	Iodomethane	1.2	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	107-12-0	Propionitrile	25	UG_KG	0	120	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.7	UG_KG	0	12	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	10061-01-5	cis-1,3-Dichloropropene	1	UG_KG	0	5.9	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	56-23-5	Carbon tetrachloride	1.2	UG_KG	0	5.9	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	10061-02-6	trans-1,3-Dichloropropene	1	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	591-78-6	2-Hexanone	2.5	UG_KG	0	30	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.76	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	67-64-1	Acetone	9.8	UG_KG	0	59	J	Y
5/29/2008	SB	5	7	N	78SB12-03	VOA	67-66-3	Chloroform	0.59	UG_KG	0	5.9	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	67-72-1	Hexachloroethane	7.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	106-46-7	1,4-Dichlorobenzene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	78-59-1	Isophorone	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	106-47-8	4-Chloroaniline	6.4	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	83-32-9	Acenaphthene	0.61	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	85-68-7	Butylbenzylphthalate	7.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	86-30-6	n-Nitrosodiphenylamine	7.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	86-73-7	Fluorene	0.82	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	87-68-3	Hexachlorobutadiene	9.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	87-86-5	Pentachlorophenol	8.8	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	88-06-2	2,4,6-Trichlorophenol	8.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	88-74-4	2-Nitroaniline	6.9	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	88-75-5	2-Nitrophenol	7.8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	HERB	88-85-7	Dinoseb	18	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	91-20-3	Naphthalene	0.64	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	91-58-7	2-Chloronaphthalene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.8	UG_KG	0	70	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	95-48-7	2-Methylphenol	8.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	95-50-1	1,2-Dichlorobenzene	7.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	95-57-8	2-Chlorophenol	7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	95-95-4	2,4,5-Trichlorophenol	7.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	98-95-3	Nitrobenzene	7.3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	108-95-2	Phenol	5.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	62-53-3	Aniline	6.7	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	92-52-4	1,1-Biphenyl	7.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	98-86-2	Acetophenone	9.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	17	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	118-74-1	Hexachlorobenzene	7.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	700	U	N
5/29/2008	SB	5	7	N	78SB12-03	EXPLO	99-65-0	1,3-Dinitrobenzene	4.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	123-91-1	1,4-Dioxane	8.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	120-82-1	1,2,4-Trichlorobenzene	7.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	120-83-2	2,4-Dichlorophenol	8.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	121-14-2	2,4-Dinitrotoluene	6.3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	70-30-4	Hexachlorophene	880	UG_KG	0	18000	R	--
5/29/2008	SB	5	7	N	78SB12-03	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	95-53-4	2-Methylaniline	9.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.4	UG_KG	0	35	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	5	7	N	78SB12-03	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	62-75-9	n-Nitrosodimethylamine	10	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	930-55-2	n-Nitrosopyrrolidine	9.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	56-38-2	Parathion	8.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	608-93-5	Pentachlorobenzene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	131-11-3	Dimethyl phthalate	6.8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	82-68-8	Pentachloronitrobenzene	6.3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	700	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	132-64-9	Dibenzofuran	4.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	87-65-0	2,6-Dichlorophenol	6.8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	205-99-2	Benzo(b)fluoranthene	0.81	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	109-06-8	2-Picoline	13	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	122-09-8	a,a-Dimethylphenethylamine	63	UG_KG	0	7100	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	56-49-5	3-Methylcholanthrene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	9.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	62-44-2	Phenacetin	5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	66-27-3	Methyl methanesulfonate	9.9	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	101-55-3	4-Bromophenyl-phenylether	7.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	99-09-2	3-Nitroaniline	4.8	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	100-01-6	4-Nitroaniline	8.2	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	218-01-9	Chrysene	0.65	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	298-04-4	Disulfoton	6.3	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	130-15-4	1,4-Naphthoquinone	4.2	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	53-96-3	2-Acetylaminofluorene	5.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	70	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/29/2008	SB	5	7	N	78SB12-03	SVOA	140-57-8	Aramite	12	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	HERB	2303-16-4	Diallate	10	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	52-85-7	Famphur	3.8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	1888-71-7	Hexachloropropene	7.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	120-58-1	Isosafrole	7.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	91-80-5	Methapyrilene	9.9	UG_KG	0	7100	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	59-89-2	N-Nitrosomorpholine	7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	100-75-4	N-Nitrosopiperidine	9.1	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	70	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	298-02-2	Phorate	8.7	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	23950-58-5	Pronamide	9.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	94-59-7	Safrole	8.8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	100-51-6	Benzyl alcohol	8.5	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	50-32-8	Benzo(a)pyrene	0.7	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	51-28-5	2,4-Dinitrophenol	88	UG_KG	0	350	UJ	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	53-70-3	Dibenz(a,h)anthracene	0.63	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.2	UG_KG	0	180	U	N
5/29/2008	SB	5	7	N	78SB12-03	VOA	541-73-1	1,3-Dichlorobenzene	6.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7.1	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	59-50-7	4-Chloro-3-methylphenol	8	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	606-20-2	2,6-Dinitrotoluene	6.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	SVOA	621-64-7	n-Nitroso-di-n-propylamine	6.9	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB13-00	METAL	7439-92-1	Lead	3.9	MG_KG	0	0.33		Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-02-0	Nickel	22	MG_KG	0	0.22		Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-22-4	Silver	0.08	MG_KG	0	0.22	J	Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.44	J	Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-36-0	Antimony	0.15	MG_KG	0	0.55	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-38-2	Arsenic	2.1	MG_KG	0	0.55		Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-39-3	Barium	160	MG_KG	0	1.1		Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-41-7	Beryllium	0.42	MG_KG	0	0.11		Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-43-9	Cadmium	0.14	MG_KG	0	0.11		Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-47-3	Chromium	77	MG_KG	0	1.1	J	Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-48-4	Cobalt	34	MG_KG	0	0.11		Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-50-8	Copper	130	MG_KG	0	2.2		Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-62-2	Vanadium	230	MG_KG	0	1.1		Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-66-6	Zinc	51	MG_KG	0	4.4	J	Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7782-49-2	Selenium	0.54	MG_KG	0	0.55	J	Y
5/29/2008	SS	0	1	N	78SB13-00	METAL	7440-31-5	Tin	4.4	MG_KG	0	22	U	N
5/29/2008	SS	0	1	N	78SB13-00	METAL	7439-97-6	Mercury	0.016	MG_KG	0	0.022	J	Y
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	11096-82-5	Aroclor-1260	5.6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	79	U	N
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	11141-16-5	Aroclor-1232	8.8	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	12672-29-6	Aroclor-1248	6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	12674-11-2	Aroclor-1016	4.5	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	53469-21-9	Aroclor-1242	5.6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	71-43-2	Benzene	0.76	UG_KG	0	4.4	J	Y
5/29/2008	SS	0	1	N	78SB13-00	VOA	71-55-6	1,1,1-Trichloroethane	0.51	UG_KG	0	4.4	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	74-83-9	Bromomethane	1.4	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	74-87-3	Chloromethane	0.62	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	74-95-3	Dibromomethane	1	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-00-3	Chloroethane	1	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-01-4	Vinyl chloride	0.51	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-09-2	Methylene chloride	0.87	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-15-0	Carbon disulfide	0.45	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-25-2	Bromoform	0.96	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-27-4	Bromodichloromethane	0.72	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-34-3	1,1-Dichloroethane	0.44	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-35-4	1,1-Dichloroethene	0.47	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.3	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.78	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	78-87-5	1,2-Dichloropropane	0.96	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	78-93-3	2-Butanone	4.4	UG_KG	0	22	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	79-00-5	1,1,2-Trichloroethane	1	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	79-01-6	Trichloroethene	0.87	UG_KG	0	4.4	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB13-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.2	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	106-93-4	1,2-Dibromoethane	1.3	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	107-06-2	1,2-Dichloroethane	0.87	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	108-10-1	4-Methyl-2-pentanone	2.5	UG_KG	0	22	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.4	UG_KG	0	8.7	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	96-18-4	1,2,3-Trichloropropane	1.2	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	108-88-3	Toluene	0.69	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	108-05-4	Vinyl acetate	1.3	UG_KG	0	8.7	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	108-90-7	Chlorobenzene	0.64	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	107-05-1	Allyl chloride	1.3	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.5	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	107-02-8	Acrolein	17	UG_KG	0	87	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	107-13-1	Acrylonitrile	20	UG_KG	0	87	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	97-63-2	Ethyl methacrylate	1.9	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	78-83-1	Isobutanol	60	UG_KG	0	170	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	124-48-1	Dibromochloromethane	0.44	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	126-98-7	Methacrylonitrile	21	UG_KG	0	87	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	80-62-6	Methyl methacrylate	3.2	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	127-18-4	Tetrachloroethene	0.64	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	1330-20-7	Xylene, total	2	UG_KG	0	8.7	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	100-41-4	Ethylbenzene	0.65	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	156-60-5	trans-1,2-Dichloroethene	0.85	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	76-01-7	Pentachloroethane	1.9	UG_KG	0	22	R	--
5/29/2008	SS	0	1	N	78SB13-00	VOA	75-05-8	Acetonitrile	39	UG_KG	0	170	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	100-42-5	Styrene	0.58	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	74-88-4	Iodomethane	0.87	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	107-12-0	Propionitrile	18	UG_KG	0	87	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	2.7	UG_KG	0	8.7	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.76	UG_KG	0	4.4	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	56-23-5	Carbon tetrachloride	0.87	UG_KG	0	4.4	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.76	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	591-78-6	2-Hexanone	1.8	UG_KG	0	22	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.56	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	67-64-1	Acetone	36	UG_KG	0	44	J	Y
5/29/2008	SS	0	1	N	78SB13-00	VOA	67-66-3	Chloroform	0.44	UG_KG	0	4.4	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	67-72-1	Hexachloroethane	8.7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	106-46-7	1,4-Dichlorobenzene	7.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	78-59-1	Isophorone	7.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	106-47-8	4-Chloroaniline	7	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	83-32-9	Acenaphthene	0.67	UG_KG	0	7.9	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	84-74-2	Di-n-butylphthalate	29	UG_KG	0	200	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	85-01-8	Phenanthrene	7.8	UG_KG	0	7.9	J	Y
5/29/2008	SS	0	1	N	78SB13-00	SVOA	85-68-7	Butylbenzylphthalate	8.4	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	86-30-6	n-Nitrosodiphenylamine	8.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	86-73-7	Fluorene	1.3	UG_KG	0	7.9	J	Y
5/29/2008	SS	0	1	N	78SB13-00	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	87-86-5	Pentachlorophenol	9.7	UG_KG	0	200	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	88-06-2	2,4,6-Trichlorophenol	9.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	88-74-4	2-Nitroaniline	7.6	UG_KG	0	200	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	88-75-5	2-Nitrophenol	8.6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	HERB	88-85-7	Dinoseb	20	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	91-20-3	Naphthalene	1.2	UG_KG	0	7.9	J	Y
5/29/2008	SS	0	1	N	78SB13-00	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.9	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	91-58-7	2-Chloronaphthalene	7.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	77	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	95-48-7	2-Methylphenol	9.5	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	95-50-1	1,2-Dichlorobenzene	8.2	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	95-57-8	2-Chlorophenol	7.7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	95-95-4	2,4,5-Trichlorophenol	8	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	98-95-3	Nitrobenzene	8.1	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.4	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	108-95-2	Phenol	5.6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	62-53-3	Aniline	7.4	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	92-52-4	1,1-Biphenyl	8.7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	98-86-2	Acetophenone	10	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	13	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	117-84-0	Di-n-octylphthalate	3.9	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	118-74-1	Hexachlorobenzene	8	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.9	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	770	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	123-91-1	1,4-Dioxane	9.4	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	120-82-1	1,2,4-Trichlorobenzene	8.7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	120-83-2	2,4-Dichlorophenol	9.5	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	121-14-2	2,4-Dinitrotoluene	6.9	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	70-30-4	Hexachlorophene	970	UG_KG	0	20000	R	--
5/29/2008	SS	0	1	N	78SB13-00	SVOA	100-02-7	4-Nitrophenol	39	UG_KG	0	200	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	129-00-0	Pyrene	8.2	UG_KG	0	7.9		Y
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	56-38-2	Parathion	9	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	608-93-5	Pentachlorobenzene	7.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	131-11-3	Dimethyl phthalate	7.5	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	82-68-8	Pentachloronitrobenzene	6.9	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	770	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	132-64-9	Dibenzofuran	4.9	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.4	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.9	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	191-24-2	Benzo(g,h,i)perylene	3.6	UG_KG	0	7.9	J	Y
5/29/2008	SS	0	1	N	78SB13-00	SVOA	87-65-0	2,6-Dichlorophenol	7.5	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.9	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	205-99-2	Benzo(b)fluoranthene	7.2	UG_KG	0	7.9	J	Y
5/29/2008	SS	0	1	N	78SB13-00	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	109-06-8	2-Picoline	14	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	69	UG_KG	0	7900	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB13-00	SVOA	56-49-5	3-Methylcholanthrene	7.1	UG_KG	0	39	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	206-44-0	Fluoranthene	10	UG_KG	0	7.9		Y
5/29/2008	SS	0	1	N	78SB13-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	62-44-2	Phenacetin	5.5	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	101-55-3	4-Bromophenyl-phenylether	8.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.9	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	99-09-2	3-Nitroaniline	5.3	UG_KG	0	200	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	100-01-6	4-Nitroaniline	9	UG_KG	0	200	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.9	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	218-01-9	Chrysene	4	UG_KG	0	7.9	J	Y
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	298-00-0	Methyl parathion	3.9	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	298-04-4	Disulfoton	6.9	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	130-15-4	1,4-Naphthoquinone	4.6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	53-96-3	2-Acetylaminofluorene	6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	91-59-8	2-Naphthylamine	23	UG_KG	0	77	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	390	R	--
5/29/2008	SS	0	1	N	78SB13-00	SVOA	140-57-8	Aramite	13	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	HERB	2303-16-4	Diallate	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	60-51-5	Dimethoate	3.9	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	52-85-7	Famphur	4.2	UG_KG	0	39	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	1888-71-7	Hexachloropropene	8.4	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	120-58-1	Isosafrole	8.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7900	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	59-89-2	N-Nitrosomorpholine	7.7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	100-75-4	N-Nitrosopiperidine	10	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	77	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	298-02-2	Phorate	9.6	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	23950-58-5	Pronamide	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	94-59-7	Safrole	9.7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	100-51-6	Benzyl alcohol	9.4	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	50-32-8	Benzo(a)pyrene	4.8	UG_KG	0	7.9	J	Y
5/29/2008	SS	0	1	N	78SB13-00	SVOA	51-28-5	2,4-Dinitrophenol	97	UG_KG	0	390	UJ	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	53-70-3	Dibenz(a,h)anthracene	1.1	UG_KG	0	7.9	J	Y
5/29/2008	SS	0	1	N	78SB13-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.8	UG_KG	0	200	U	N
5/29/2008	SS	0	1	N	78SB13-00	VOA	541-73-1	1,3-Dichlorobenzene	7	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	56-55-3	Benzo(a)anthracene	4.8	UG_KG	0	7.9	J	Y
5/29/2008	SS	0	1	N	78SB13-00	SVOA	59-50-7	4-Chloro-3-methylphenol	8.8	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	606-20-2	2,6-Dinitrotoluene	7.3	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB13-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.6	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB13-01	METAL	7439-92-1	Lead	1.3	MG_KG	0	0.29		Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-02-0	Nickel	22	MG_KG	0	0.19		Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-22-4	Silver	0.033	MG_KG	0	0.19	J	Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-28-0	Thallium	0.11	MG_KG	0	0.38	U	N
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-36-0	Antimony	0.072	MG_KG	0	0.48	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-38-2	Arsenic	1	MG_KG	0	0.48		Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-39-3	Barium	71	MG_KG	0	0.96		Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-41-7	Beryllium	0.28	MG_KG	0	0.096		Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-43-9	Cadmium	0.064	MG_KG	0	0.096	J	Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-47-3	Chromium	32	MG_KG	0	0.96	J	Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-48-4	Cobalt	22	MG_KG	0	0.096		Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-50-8	Copper	74	MG_KG	0	1.9		Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-62-2	Vanadium	170	MG_KG	0	0.96		Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-66-6	Zinc	43	MG_KG	0	3.8	J	Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7782-49-2	Selenium	0.35	MG_KG	0	0.48	J	Y
5/29/2008	SB	1	3	N	78SB13-01	METAL	7440-31-5	Tin	3.8	MG_KG	0	19	U	N
5/29/2008	SB	1	3	N	78SB13-01	METAL	7439-97-6	Mercury	0.012	MG_KG	0	0.021	J	Y
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	11096-82-5	Aroclor-1260	5.1	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	11097-69-1	Aroclor-1254	2.4	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	11141-16-5	Aroclor-1232	7.9	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	12672-29-6	Aroclor-1248	5.4	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	12674-11-2	Aroclor-1016	4	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	53469-21-9	Aroclor-1242	5.1	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	71-43-2	Benzene	0.68	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	71-55-6	1,1,1-Trichloroethane	0.5	UG_KG	0	4.3	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	74-83-9	Bromomethane	1.4	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	74-87-3	Chloromethane	0.61	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	74-95-3	Dibromomethane	1	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-00-3	Chloroethane	1	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-01-4	Vinyl chloride	0.5	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-09-2	Methylene chloride	0.86	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-15-0	Carbon disulfide	0.44	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-25-2	Bromoform	0.95	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-27-4	Bromodichloromethane	0.72	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-34-3	1,1-Dichloroethane	0.43	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-35-4	1,1-Dichloroethene	0.47	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.3	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.77	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	78-87-5	1,2-Dichloropropane	0.95	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	78-93-3	2-Butanone	2.3	UG_KG	0	22	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	79-00-5	1,1,2-Trichloroethane	1	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	79-01-6	Trichloroethene	0.86	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.2	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	106-93-4	1,2-Dibromoethane	1.3	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	107-06-2	1,2-Dichloroethane	0.86	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	108-10-1	4-Methyl-2-pentanone	2.5	UG_KG	0	22	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.4	UG_KG	0	8.6	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	96-18-4	1,2,3-Trichloropropane	1.2	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	108-88-3	Toluene	0.68	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	108-05-4	Vinyl acetate	1.3	UG_KG	0	8.6	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	108-90-7	Chlorobenzene	0.63	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	107-05-1	Allyl chloride	1.3	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.49	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	107-02-8	Acrolein	16	UG_KG	0	86	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	107-13-1	Acrylonitrile	20	UG_KG	0	86	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	97-63-2	Ethyl methacrylate	1.9	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	78-83-1	Isobutanol	60	UG_KG	0	170	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	124-48-1	Dibromochloromethane	0.43	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	126-98-7	Methacrylonitrile	21	UG_KG	0	86	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	80-62-6	Methyl methacrylate	3.2	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	127-18-4	Tetrachloroethene	0.63	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	1330-20-7	Xylene, total	2	UG_KG	0	8.6	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	100-41-4	Ethylbenzene	0.65	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	156-60-5	trans-1,2-Dichloroethene	0.84	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	76-01-7	Pentachloroethane	1.9	UG_KG	0	22	R	--

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	1	3	N	78SB13-01	VOA	75-05-8	Acetonitrile	39	UG_KG	0	170	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	100-42-5	Styrene	0.57	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	74-88-4	Iodomethane	0.86	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	107-12-0	Propionitrile	18	UG_KG	0	86	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	2.7	UG_KG	0	8.6	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	10061-01-5	cis-1,3-Dichloropropene	0.75	UG_KG	0	4.3	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	56-23-5	Carbon tetrachloride	0.86	UG_KG	0	4.3	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	10061-02-6	trans-1,3-Dichloropropene	0.75	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	591-78-6	2-Hexanone	1.8	UG_KG	0	22	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.55	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	67-64-1	Acetone	15	UG_KG	0	43	J	Y
5/29/2008	SB	1	3	N	78SB13-01	VOA	67-66-3	Chloroform	0.43	UG_KG	0	4.3	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	67-72-1	Hexachloroethane	8	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.7	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	71	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	106-46-7	1,4-Dichlorobenzene	6.7	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	78-59-1	Isophorone	6.7	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	106-47-8	4-Chloroaniline	6.5	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	83-32-9	Acenaphthene	0.61	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	180	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	85-68-7	Butylbenzylphthalate	7.7	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	86-30-6	n-Nitrosodiphenylamine	7.6	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	86-73-7	Fluorene	0.83	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	87-68-3	Hexachlorobutadiene	9.8	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	87-86-5	Pentachlorophenol	8.9	UG_KG	0	180	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	88-06-2	2,4,6-Trichlorophenol	8.5	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	88-74-4	2-Nitroaniline	7	UG_KG	0	180	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	88-75-5	2-Nitrophenol	7.9	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	HERB	88-85-7	Dinoseb	18	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	91-20-3	Naphthalene	0.67	UG_KG	0	7.2	J	Y
5/29/2008	SB	1	3	N	78SB13-01	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	91-58-7	2-Chloronaphthalene	6.7	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.9	UG_KG	0	71	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	95-48-7	2-Methylphenol	8.7	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	95-50-1	1,2-Dichlorobenzene	7.5	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	95-57-8	2-Chlorophenol	7.1	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	95-95-4	2,4,5-Trichlorophenol	7.3	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	98-95-3	Nitrobenzene	7.4	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.8	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	108-95-2	Phenol	5.2	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	62-53-3	Aniline	6.8	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.1	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	92-52-4	1,1-Biphenyl	8	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.3	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	98-86-2	Acetophenone	9.3	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	17	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	117-84-0	Di-n-octylphthalate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	118-74-1	Hexachlorobenzene	7.3	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	710	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.2	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	123-91-1	1,4-Dioxane	8.6	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	120-83-2	2,4-Dichlorophenol	8.7	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	121-14-2	2,4-Dinitrotoluene	6.3	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	70-30-4	Hexachlorophene	890	UG_KG	0	18000	R	--
5/29/2008	SB	1	3	N	78SB13-01	SVOA	100-02-7	4-Nitrophenol	35	UG_KG	0	180	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.5	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.8	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.1	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	930-55-2	n-Nitrosopyrrolidine	9.6	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	56-38-2	Parathion	8.3	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	608-93-5	Pentachlorobenzene	6.7	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	131-11-3	Dimethyl phthalate	6.9	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	82-68-8	Pentachloronitrobenzene	6.3	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	710	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	132-64-9	Dibenzofuran	4.5	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.8	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.5	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7.2	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	87-65-0	2,6-Dichlorophenol	6.9	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.2	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.82	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.9	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	109-06-8	2-Picoline	13	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	63	UG_KG	0	7200	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	56-49-5	3-Methylcholanthrene	6.6	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.6	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	62-44-2	Phenacetin	5.1	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	101-55-3	4-Bromophenyl-phenylether	7.6	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	99-09-2	3-Nitroaniline	4.8	UG_KG	0	180	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	100-01-6	4-Nitroaniline	8.3	UG_KG	0	180	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	218-01-9	Chrysene	0.66	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	298-00-0	Methyl parathion	3.5	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	298-04-4	Disulfoton	6.3	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	130-15-4	1,4-Naphthoquinone	4.2	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	53-96-3	2-Acetylaminofluorene	5.5	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	71	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	350	R	--
5/29/2008	SB	1	3	N	78SB13-01	SVOA	140-57-8	Aramite	12	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	HERB	2303-16-4	Diallate	10	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	60-51-5	Dimethoate	3.5	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	52-85-7	Famphur	3.9	UG_KG	0	35	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	1	3	N	78SB13-01	SVOA	1888-71-7	Hexachloropropene	7.7	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	120-58-1	Isosafrole	7.6	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7200	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	59-89-2	N-Nitrosomorpholine	7.1	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	100-75-4	N-Nitrosopiperidine	9.1	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	71	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	298-02-2	Phorate	8.8	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	23950-58-5	Pronamide	9.7	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	94-59-7	Safrole	8.9	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	100-51-6	Benzyl alcohol	8.6	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	50-32-8	Benzo(a)pyrene	0.71	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	51-28-5	2,4-Dinitrophenol	89	UG_KG	0	350	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.63	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.2	UG_KG	0	180	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	VOA	541-73-1	1,3-Dichlorobenzene	6.5	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7.2	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.1	UG_KG	0	35	UJ	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	606-20-2	2,6-Dinitrotoluene	6.7	UG_KG	0	35	U	N
5/29/2008	SB	1	3	N	78SB13-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB14-00	METAL	7439-92-1	Lead	1.4	MG_KG	0	0.38		Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-02-0	Nickel	29	MG_KG	0	0.26		Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-22-4	Silver	0.039	MG_KG	0	0.26	J	Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-28-0	Thallium	0.15	MG_KG	0	0.51	U	N
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-36-0	Antimony	0.097	MG_KG	0	0.64	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-38-2	Arsenic	2.9	MG_KG	0	0.64		Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-39-3	Barium	120	MG_KG	0	1.3		Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-41-7	Beryllium	0.42	MG_KG	0	0.13		Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-43-9	Cadmium	0.062	MG_KG	0	0.13	J	Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-47-3	Chromium	21	MG_KG	0	1.3	J	Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-48-4	Cobalt	42	MG_KG	0	0.13		Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-50-8	Copper	170	MG_KG	0	2.6		Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-62-2	Vanadium	260	MG_KG	0	1.3		Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-66-6	Zinc	56	MG_KG	0	5.1	J	Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7782-49-2	Selenium	0.41	MG_KG	0	0.64	J	Y
5/29/2008	SS	0	1	N	78SB14-00	METAL	7440-31-5	Tin	5.1	MG_KG	0	26	U	N
5/29/2008	SS	0	1	N	78SB14-00	METAL	7439-97-6	Mercury	0.015	MG_KG	0	0.026	J	Y
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	11096-82-5	Aroclor-1260	6.3	UG_KG	0	44	U	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	11097-69-1	Aroclor-1254	3	UG_KG	0	44	U	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	11104-28-2	Aroclor-1221	17	UG_KG	0	89	U	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	11141-16-5	Aroclor-1232	9.9	UG_KG	0	44	U	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	12672-29-6	Aroclor-1248	6.7	UG_KG	0	44	U	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	12674-11-2	Aroclor-1016	5	UG_KG	0	44	U	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	53469-21-9	Aroclor-1242	6.3	UG_KG	0	44	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	71-43-2	Benzene	1.1	UG_KG	0	5.1	J	Y
5/29/2008	SS	0	1	N	78SB14-00	VOA	71-55-6	1,1,1-Trichloroethane	0.59	UG_KG	0	5.1	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	74-83-9	Bromomethane	1.6	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	74-87-3	Chloromethane	0.73	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	74-95-3	Dibromomethane	1.2	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-00-3	Chloroethane	1.2	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-01-4	Vinyl chloride	0.59	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-09-2	Methylene chloride	1	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-15-0	Carbon disulfide	0.57	UG_KG	0	5.1	J	Y
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-25-2	Bromoform	1.1	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-27-4	Bromodichloromethane	0.85	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-34-3	1,1-Dichloroethane	0.51	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-35-4	1,1-Dichloroethene	0.55	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.5	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.91	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	78-87-5	1,2-Dichloropropane	1.1	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	78-93-3	2-Butanone	6.5	UG_KG	0	26	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	79-00-5	1,1,2-Trichloroethane	1.2	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	79-01-6	Trichloroethene	1	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.4	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	106-93-4	1,2-Dibromoethane	1.5	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	107-06-2	1,2-Dichloroethane	1	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	108-10-1	4-Methyl-2-pentanone	3	UG_KG	0	26	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.9	UG_KG	0	10	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	96-18-4	1,2,3-Trichloropropane	1.4	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	108-88-3	Toluene	0.81	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	108-05-4	Vinyl acetate	1.5	UG_KG	0	10	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	108-90-7	Chlorobenzene	0.75	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	107-05-1	Allyl chloride	1.5	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.58	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	107-02-8	Acrolein	19	UG_KG	0	100	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	107-13-1	Acrylonitrile	24	UG_KG	0	100	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	97-63-2	Ethyl methacrylate	2.3	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	78-83-1	Isobutanol	71	UG_KG	0	200	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	124-48-1	Dibromochloromethane	0.51	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	126-98-7	Methacrylonitrile	25	UG_KG	0	100	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	80-62-6	Methyl methacrylate	3.8	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	127-18-4	Tetrachloroethene	0.75	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	1330-20-7	Xylene, total	2.4	UG_KG	0	10	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	100-41-4	Ethylbenzene	0.77	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	156-60-5	trans-1,2-Dichloroethene	0.99	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	76-01-7	Pentachloroethane	2.3	UG_KG	0	26	R	--
5/29/2008	SS	0	1	N	78SB14-00	VOA	75-05-8	Acetonitrile	46	UG_KG	0	200	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	100-42-5	Styrene	0.68	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	74-88-4	Iodomethane	1	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	107-12-0	Propionitrile	22	UG_KG	0	100	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.2	UG_KG	0	10	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	10061-01-5	cis-1,3-Dichloropropene	0.89	UG_KG	0	5.1	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	56-23-5	Carbon tetrachloride	1	UG_KG	0	5.1	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	10061-02-6	trans-1,3-Dichloropropene	0.89	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	591-78-6	2-Hexanone	4.1	UG_KG	0	26	J	Y
5/29/2008	SS	0	1	N	78SB14-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.66	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	67-64-1	Acetone	34	UG_KG	0	51	J	Y
5/29/2008	SS	0	1	N	78SB14-00	VOA	67-66-3	Chloroform	0.51	UG_KG	0	5.1	U	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	67-72-1	Hexachloroethane	9.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	8.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	105-67-9	2,4-Dimethylphenol	23	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	106-46-7	1,4-Dichlorobenzene	8.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	77-47-4	Hexachlorocyclopentadiene	19	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	78-59-1	Isophorone	8.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	106-47-8	4-Chloroaniline	8	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	83-32-9	Acenaphthene	0.76	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	84-66-2	Diethylphthalate	15	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	84-74-2	Di-n-butylphthalate	33	UG_KG	0	230	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	85-01-8	Phenanthrene	2.3	UG_KG	0	8.9	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SS	0	1	N	78SB14-00	SVOA	85-68-7	Butylbenzylphthalate	9.6	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	86-30-6	n-Nitrosodiphenylamine	9.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	86-73-7	Fluorene	1	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	87-68-3	Hexachlorobutadiene	12	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	87-86-5	Pentachlorophenol	11	UG_KG	0	230	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	88-06-2	2,4,6-Trichlorophenol	10	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	88-74-4	2-Nitroaniline	8.6	UG_KG	0	230	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	88-75-5	2-Nitrophenol	9.7	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	HERB	88-85-7	Dinoseb	23	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	91-20-3	Naphthalene	0.8	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	91-57-6	2-Methylnaphthalene	2.3	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	91-58-7	2-Chloronaphthalene	8.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	12	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	95-48-7	2-Methylphenol	11	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	95-50-1	1,2-Dichlorobenzene	9.3	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	95-57-8	2-Chlorophenol	8.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	95-95-4	2,4,5-Trichlorophenol	9	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	98-95-3	Nitrobenzene	9.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	8.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	108-95-2	Phenol	6.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	62-53-3	Aniline	8.4	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	7.6	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	92-52-4	1,1-Biphenyl	9.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	9	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	98-86-2	Acetophenone	11	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	10	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	117-84-0	Di-n-octylphthalate	4.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	118-74-1	Hexachlorobenzene	9	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	120-12-7	Anthracene	2.3	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	240	UG_KG	0	880	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	EXPLO	99-65-0	1,3-Dinitrobenzene	5.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	123-91-1	1,4-Dioxane	11	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	120-82-1	1,2,4-Trichlorobenzene	9.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	120-83-2	2,4-Dichlorophenol	11	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	121-14-2	2,4-Dinitrotoluene	7.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	70-30-4	Hexachlorophene	1100	UG_KG	0	23000	R	--
5/29/2008	SS	0	1	N	78SB14-00	SVOA	100-02-7	4-Nitrophenol	44	UG_KG	0	230	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	95-53-4	2-Methylaniline	12	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	12	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	55-18-5	n-Nitrosodiethylamine	16	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	62-75-9	n-Nitrosodimethylamine	13	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	7.6	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	930-55-2	n-Nitrosopyrrolidine	12	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	129-00-0	Pyrene	2.3	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	56-38-2	Parathion	10	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	608-93-5	Pentachlorobenzene	8.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	131-11-3	Dimethyl phthalate	8.5	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	82-68-8	Pentachloronitrobenzene	7.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	106-50-3	p-Phenylenediamine	210	UG_KG	0	880	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	132-64-9	Dibenzofuran	5.6	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	8.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5.6	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	23	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	191-24-2	Benzo(g,h,i)perylene	2.3	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	87-65-0	2,6-Dichlorophenol	8.5	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.6	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	205-99-2	Benzo(b)fluoranthene	1	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	92-67-1	4-Aminobiphenyl	17	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	9.7	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	109-06-8	2-Picoline	16	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	78	UG_KG	0	8900	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	56-49-5	3-Methylcholanthrene	8.1	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	206-44-0	Fluoranthene	2.3	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	12	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	9.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	62-44-2	Phenacetin	6.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	62-50-0	Ethyl methanesulfonate	15	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	66-27-3	Methyl methanesulfonate	12	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	101-55-3	4-Bromophenyl-phenylether	9.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.3	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	99-09-2	3-Nitroaniline	6	UG_KG	0	230	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	100-01-6	4-Nitroaniline	10	UG_KG	0	230	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	208-96-8	Acenaphthylene	2.3	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	218-01-9	Chrysene	0.81	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	298-00-0	Methyl parathion	4.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	298-04-4	Disulfoton	7.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	130-15-4	1,4-Naphthoquinone	5.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	53-96-3	2-Acetylaminofluorene	6.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	91-59-8	2-Naphthylamine	27	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	15	UG_KG	0	440	R	--
5/29/2008	SS	0	1	N	78SB14-00	SVOA	140-57-8	Aramite	15	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	HERB	2303-16-4	Diallate	13	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	60-51-5	Dimethoate	4.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	52-85-7	Famphur	4.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	1888-71-7	Hexachloropropene	9.6	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	120-58-1	Isosafrole	9.4	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	91-80-5	Methapyrilene	12	UG_KG	0	8900	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	59-89-2	N-Nitrosomorpholine	8.8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	100-75-4	N-Nitrosopiperidine	11	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	21	UG_KG	0	88	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	298-02-2	Phorate	11	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	23950-58-5	Pronamide	12	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	94-59-7	Safrole	11	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	100-51-6	Benzyl alcohol	11	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	50-32-8	Benzo(a)pyrene	0.99	UG_KG	0	8.9	J	Y
5/29/2008	SS	0	1	N	78SB14-00	SVOA	51-28-5	2,4-Dinitrophenol	110	UG_KG	0	440	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.78	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	7.7	UG_KG	0	230	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	VOA	541-73-1	1,3-Dichlorobenzene	8	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	56-55-3	Benzo(a)anthracene	2.3	UG_KG	0	8.9	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	59-50-7	4-Chloro-3-methylphenol	10	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	606-20-2	2,6-Dinitrotoluene	8.2	UG_KG	0	44	UJ	N
5/29/2008	SS	0	1	N	78SB14-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	8.6	UG_KG	0	44	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	METAL	7439-92-1	Lead	1.4	MG_KG	0	0.32		Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-02-0	Nickel	8	MG_KG	0	0.21		Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-22-4	Silver	0.052	MG_KG	0	0.21	J	Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.42	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-36-0	Antimony	0.25	MG_KG	0	0.53	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-38-2	Arsenic	1.8	MG_KG	0	0.53		Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-39-3	Barium	310	MG_KG	0	1.1		Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-41-7	Beryllium	0.3	MG_KG	0	0.11		Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-43-9	Cadmium	0.074	MG_KG	0	0.11	J	Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-47-3	Chromium	9	MG_KG	0	1.1	J	Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-48-4	Cobalt	23	MG_KG	0	0.11		Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-50-8	Copper	190	MG_KG	0	2.1		Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-62-2	Vanadium	210	MG_KG	0	1.1		Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-66-6	Zinc	52	MG_KG	0	4.2	J	Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7782-49-2	Selenium	0.14	MG_KG	0	0.53	J	Y
5/29/2008	SB	3	5	N	78SB14-02	METAL	7440-31-5	Tin	4.2	MG_KG	0	21	U	N
5/29/2008	SB	3	5	N	78SB14-02	METAL	7439-97-6	Mercury	0.004	MG_KG	0	0.02	U	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	11096-82-5	Aroclor-1260	5.3	UG_KG	0	36	U	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	74	U	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	11141-16-5	Aroclor-1232	8.3	UG_KG	0	36	U	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	12672-29-6	Aroclor-1248	5.6	UG_KG	0	36	U	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	12674-11-2	Aroclor-1016	4.2	UG_KG	0	36	U	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	53469-21-9	Aroclor-1242	5.3	UG_KG	0	36	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	71-43-2	Benzene	0.8	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	71-55-6	1,1,1-Trichloroethane	0.58	UG_KG	0	5	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	74-83-9	Bromomethane	1.6	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	74-87-3	Chloromethane	0.72	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	74-95-3	Dibromomethane	1.2	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-00-3	Chloroethane	1.2	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-01-4	Vinyl chloride	0.58	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-09-2	Methylene chloride	1	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-15-0	Carbon disulfide	0.51	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-25-2	Bromoform	1.1	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-27-4	Bromodichloromethane	0.84	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-34-3	1,1-Dichloroethane	0.5	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-35-4	1,1-Dichloroethene	0.54	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.5	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.9	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	78-87-5	1,2-Dichloropropane	1.1	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	78-93-3	2-Butanone	3.9	UG_KG	0	25	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	79-00-5	1,1,2-Trichloroethane	1.2	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	79-01-6	Trichloroethene	1	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.4	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	106-93-4	1,2-Dibromoethane	1.5	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	107-06-2	1,2-Dichloroethane	1	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	108-10-1	4-Methyl-2-pentanone	2.9	UG_KG	0	25	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.8	UG_KG	0	10	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	96-18-4	1,2,3-Trichloropropane	1.4	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	108-88-3	Toluene	0.8	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	108-05-4	Vinyl acetate	1.5	UG_KG	0	10	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	108-90-7	Chlorobenzene	0.74	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	107-05-1	Allyl chloride	1.5	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	126-99-8	2-Chloro-1,3-butadiene	0.57	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	107-02-8	Acrolein	19	UG_KG	0	100	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	107-13-1	Acrylonitrile	23	UG_KG	0	100	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	97-63-2	Ethyl methacrylate	2.2	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	78-83-1	Isobutanol	70	UG_KG	0	200	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	124-48-1	Dibromochloromethane	0.5	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	126-98-7	Methacrylonitrile	24	UG_KG	0	100	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	80-62-6	Methyl methacrylate	3.7	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	127-18-4	Tetrachloroethene	0.74	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	1330-20-7	Xylene, total	2.3	UG_KG	0	10	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	100-41-4	Ethylbenzene	0.76	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	156-60-5	trans-1,2-Dichloroethene	0.98	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	76-01-7	Pentachloroethane	2.2	UG_KG	0	25	R	--
5/29/2008	SB	3	5	N	78SB14-02	VOA	75-05-8	Acetonitrile	45	UG_KG	0	200	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	100-42-5	Styrene	0.67	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	74-88-4	Iodomethane	1.5	UG_KG	0	5	J	Y
5/29/2008	SB	3	5	N	78SB14-02	VOA	107-12-0	Propionitrile	21	UG_KG	0	100	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.1	UG_KG	0	10	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	10061-01-5	cis-1,3-Dichloropropene	0.88	UG_KG	0	5	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	56-23-5	Carbon tetrachloride	1	UG_KG	0	5	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	10061-02-6	trans-1,3-Dichloropropene	0.88	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	591-78-6	2-Hexanone	2.1	UG_KG	0	25	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.65	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	67-64-1	Acetone	31	UG_KG	0	50	J	Y
5/29/2008	SB	3	5	N	78SB14-02	VOA	67-66-3	Chloroform	0.5	UG_KG	0	5	U	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	67-72-1	Hexachloroethane	8.2	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.9	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	106-46-7	1,4-Dichlorobenzene	6.9	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	78-59-1	Isophorone	6.9	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	106-47-8	4-Chloroaniline	6.6	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	83-32-9	Acenaphthene	0.63	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	85-68-7	Butylbenzylphthalate	8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	86-30-6	n-Nitrosodiphenylamine	7.8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	86-73-7	Fluorene	0.85	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	87-86-5	Pentachlorophenol	9.2	UG_KG	0	190	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	88-06-2	2,4,6-Trichlorophenol	8.7	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	88-74-4	2-Nitroaniline	7.2	UG_KG	0	190	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	88-75-5	2-Nitrophenol	8.1	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	HERB	88-85-7	Dinoseb	19	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	91-20-3	Naphthalene	0.66	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	91-58-7	2-Chloronaphthalene	6.9	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	95-48-7	2-Methylphenol	9	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	95-50-1	1,2-Dichlorobenzene	7.7	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	95-57-8	2-Chlorophenol	7.3	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	95-95-4	2,4,5-Trichlorophenol	7.5	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	98-95-3	Nitrobenzene	7.6	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	108-95-2	Phenol	5.3	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	62-53-3	Aniline	7	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.3	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	92-52-4	1,1-Biphenyl	8.2	UG_KG	0	36	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/29/2008	SB	3	5	N	78SB14-02	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.5	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	98-86-2	Acetophenone	9.5	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	6.8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	117-84-0	Di-n-octylphthalate	3.6	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	118-74-1	Hexachlorobenzene	7.5	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	730	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	123-91-1	1,4-Dioxane	8.8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	120-82-1	1,2,4-Trichlorobenzene	8.2	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	120-83-2	2,4-Dichlorophenol	9	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	121-14-2	2,4-Dinitrotoluene	6.5	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	70-30-4	Hexachlorophene	920	UG_KG	0	19000	R	--
5/29/2008	SB	3	5	N	78SB14-02	SVOA	100-02-7	4-Nitrophenol	36	UG_KG	0	190	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.6	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.3	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	930-55-2	n-Nitrosopyrrolidine	9.8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	56-38-2	Parathion	8.5	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	608-93-5	Pentachlorobenzene	6.9	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	131-11-3	Dimethyl phthalate	7.1	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	82-68-8	Pentachloronitrobenzene	6.5	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	730	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	132-64-9	Dibenzofuran	4.6	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.6	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	87-65-0	2,6-Dichlorophenol	7.1	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	205-99-2	Benzo(b)fluoranthene	0.84	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.1	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	109-06-8	2-Picoline	13	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	122-09-8	a,a-Dimethylphenethylamine	65	UG_KG	0	7400	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	56-49-5	3-Methylcholanthrene	6.7	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	62-44-2	Phenacetin	5.2	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	101-55-3	4-Bromophenyl-phenylether	7.8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	99-09-2	3-Nitroaniline	5	UG_KG	0	190	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	100-01-6	4-Nitroaniline	8.5	UG_KG	0	190	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	218-01-9	Chrysene	0.67	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	298-00-0	Methyl parathion	3.6	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	298-04-4	Disulfoton	6.5	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	53-96-3	2-Acetylaminofluorene	5.6	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	360	R	--
5/29/2008	SB	3	5	N	78SB14-02	SVOA	140-57-8	Aramite	12	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	HERB	2303-16-4	Diallate	11	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	60-51-5	Dimethoate	3.6	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	52-85-7	Famphur	4	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	1888-71-7	Hexachloropropene	8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	120-58-1	Isosafrole	7.8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7400	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	59-89-2	N-Nitrosomorpholine	7.3	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	100-75-4	N-Nitrosopiperidine	9.4	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	73	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	298-02-2	Phorate	9.1	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	23950-58-5	Pronamide	9.9	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	94-59-7	Safrole	9.2	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	100-51-6	Benzyl alcohol	8.8	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	50-32-8	Benzo(a)pyrene	0.73	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	51-28-5	2,4-Dinitrophenol	92	UG_KG	0	360	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	53-70-3	Dibenz(a,h)anthracene	0.65	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.4	UG_KG	0	190	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	VOA	541-73-1	1,3-Dichlorobenzene	6.6	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.4	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	59-50-7	4-Chloro-3-methylphenol	8.3	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	606-20-2	2,6-Dinitrotoluene	6.9	UG_KG	0	36	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.2	UG_KG	0	36	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	METAL	7439-92-1	Lead	19	MG_KG	0	0.34		Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-02-0	Nickel	15	MG_KG	0	0.23		Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-22-4	Silver	0.065	MG_KG	0	0.23	J	Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-28-0	Thallium	0.14	MG_KG	0	0.45	U	N
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-36-0	Antimony	0.66	MG_KG	0	0.56	J	Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-38-2	Arsenic	8.2	MG_KG	0	0.56		Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-39-3	Barium	78	MG_KG	0	1.1		Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-41-7	Beryllium	0.19	MG_KG	0	0.11		Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-43-9	Cadmium	0.22	MG_KG	0	0.11		Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-47-3	Chromium	28	MG_KG	0	1.1	J	Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-48-4	Cobalt	18	MG_KG	0	0.11		Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-50-8	Copper	110	MG_KG	0	2.3		Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-62-2	Vanadium	160	MG_KG	0	1.1		Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-66-6	Zinc	84	MG_KG	0	4.5	J	Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7782-49-2	Selenium	0.32	MG_KG	0	0.56	J	Y
5/30/2008	SS	0	1	N	78SB15-00	METAL	7440-31-5	Tin	4.5	MG_KG	0	23	U	N
5/30/2008	SS	0	1	N	78SB15-00	METAL	7439-97-6	Mercury	0.013	MG_KG	0	0.024	J	Y
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	11096-82-5	Aroclor-1260	5.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	11141-16-5	Aroclor-1232	8.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	12672-29-6	Aroclor-1248	6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	12674-11-2	Aroclor-1016	4.5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	53469-21-9	Aroclor-1242	5.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	71-43-2	Benzene	1.1	UG_KG	0	6	J	Y
5/30/2008	SS	0	1	N	78SB15-00	VOA	71-55-6	1,1,1-Trichloroethane	0.69	UG_KG	0	6	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	74-83-9	Bromomethane	1.9	UG_KG	0	6	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB15-00	VOA	74-87-3	Chloromethane	0.85	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	74-95-3	Dibromomethane	1.4	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-00-3	Chloroethane	1.4	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-01-4	Vinyl chloride	0.69	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-09-2	Methylene chloride	1.2	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-15-0	Carbon disulfide	0.95	UG_KG	0	6	J	Y
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-25-2	Bromoform	1.3	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-27-4	Bromodichloromethane	0.99	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-34-3	1,1-Dichloroethane	0.6	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-35-4	1,1-Dichloroethene	0.64	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.8	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	78-87-5	1,2-Dichloropropane	1.3	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	78-93-3	2-Butanone	8	UG_KG	0	30	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	79-00-5	1,1,2-Trichloroethane	1.4	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	79-01-6	Trichloroethene	1.2	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.7	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	106-93-4	1,2-Dibromoethane	1.8	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	107-06-2	1,2-Dichloroethane	1.2	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	108-10-1	4-Methyl-2-pentanone	3.5	UG_KG	0	30	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.3	UG_KG	0	12	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	96-18-4	1,2,3-Trichloropropane	1.7	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	108-88-3	Toluene	0.94	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	108-05-4	Vinyl acetate	1.8	UG_KG	0	12	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	108-90-7	Chlorobenzene	0.87	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	107-05-1	Allyl chloride	1.8	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.68	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	107-02-8	Acrolein	23	UG_KG	0	120	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	107-13-1	Acrylonitrile	27	UG_KG	0	120	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	97-63-2	Ethyl methacrylate	2.6	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	78-83-1	Isobutanol	82	UG_KG	0	240	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	124-48-1	Dibromochloromethane	0.6	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	126-98-7	Methacrylonitrile	29	UG_KG	0	120	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	80-62-6	Methyl methacrylate	4.4	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	127-18-4	Tetrachloroethene	0.87	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	1330-20-7	Xylene, total	2.7	UG_KG	0	12	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	100-41-4	Ethylbenzene	0.9	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	76-01-7	Pentachloroethane	2.6	UG_KG	0	30	R	--
5/30/2008	SS	0	1	N	78SB15-00	VOA	75-05-8	Acetonitrile	54	UG_KG	0	240	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	100-42-5	Styrene	0.79	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	74-88-4	Iodomethane	1.2	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	107-12-0	Propionitrile	25	UG_KG	0	120	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.7	UG_KG	0	12	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	10061-01-5	cis-1,3-Dichloropropene	1	UG_KG	0	6	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	56-23-5	Carbon tetrachloride	1.2	UG_KG	0	6	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	10061-02-6	trans-1,3-Dichloropropene	1	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	591-78-6	2-Hexanone	2.5	UG_KG	0	30	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.76	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	67-64-1	Acetone	58	UG_KG	0	60	J	Y
5/30/2008	SS	0	1	N	78SB15-00	VOA	67-66-3	Chloroform	0.6	UG_KG	0	6	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	67-72-1	Hexachloroethane	8.8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	79	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	106-46-7	1,4-Dichlorobenzene	7.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	77-47-4	Hexachlorocyclopentadiene	17	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	78-59-1	Isophorone	7.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	106-47-8	4-Chloroaniline	7.1	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	83-32-9	Acenaphthene	0.68	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	84-74-2	Di-n-butylphthalate	30	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	85-68-7	Butylbenzylphthalate	8.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	86-30-6	n-Nitrosodiphenylamine	8.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	86-73-7	Fluorene	0.92	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	87-68-3	Hexachlorobutadiene	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	87-86-5	Pentachlorophenol	9.9	UG_KG	0	200	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	88-06-2	2,4,6-Trichlorophenol	9.4	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	88-74-4	2-Nitroaniline	7.7	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	88-75-5	2-Nitrophenol	8.7	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	HERB	88-85-7	Dinoseb	20	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	91-20-3	Naphthalene	0.71	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	91-58-7	2-Chloronaphthalene	7.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	79	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	95-48-7	2-Methylphenol	9.6	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	95-50-1	1,2-Dichlorobenzene	8.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	95-57-8	2-Chlorophenol	7.9	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	95-95-4	2,4,5-Trichlorophenol	8.1	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	98-95-3	Nitrobenzene	8.2	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	108-95-2	Phenol	5.7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	62-53-3	Aniline	7.5	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	92-52-4	1,1-Biphenyl	8.8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8.1	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	98-86-2	Acetophenone	10	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	18	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	117-84-0	Di-n-octylphthalate	3.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	118-74-1	Hexachlorobenzene	8.1	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	120-12-7	Anthracene	2	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	790	U	N
5/30/2008	SS	0	1	N	78SB15-00	EXPLO	99-65-0	1,3-Dinitrobenzene	4.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	123-91-1	1,4-Dioxane	9.5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	120-82-1	1,2,4-Trichlorobenzene	8.8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	120-83-2	2,4-Dichlorophenol	9.6	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	121-14-2	2,4-Dinitrotoluene	7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	70-30-4	Hexachlorophene	990	UG_KG	0	20000	R	--
5/30/2008	SS	0	1	N	78SB15-00	SVOA	100-02-7	4-Nitrophenol	39	UG_KG	0	200	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.1	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	62-75-9	n-Nitrosodimethylamine	12	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	930-55-2	n-Nitrosopyrrolidine	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	129-00-0	Pyrene	2.3	UG_KG	0	8	J	Y
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	56-38-2	Parathion	9.2	UG_KG	0	39	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB15-00	SVOA	608-93-5	Pentachlorobenzene	7.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	131-11-3	Dimethyl phthalate	7.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	82-68-8	Pentachloronitrobenzene	7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	106-50-3	p-Phenylenediamine	190	UG_KG	0	790	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	132-64-9	Dibenzofuran	5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.5	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	87-65-0	2,6-Dichlorophenol	7.6	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	8	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	205-99-2	Benzo(b)fluoranthene	1.6	UG_KG	0	8	J	Y
5/30/2008	SS	0	1	N	78SB15-00	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.7	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	109-06-8	2-Picoline	14	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	70	UG_KG	0	8000	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	56-49-5	3-Methylcholanthrene	7.3	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	62-44-2	Phenacetin	5.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	101-55-3	4-Bromophenyl-phenylether	8.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.7	UG_KG	0	8	J	Y
5/30/2008	SS	0	1	N	78SB15-00	SVOA	99-09-2	3-Nitroaniline	5.4	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	100-01-6	4-Nitroaniline	9.2	UG_KG	0	200	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	218-01-9	Chrysene	1.5	UG_KG	0	8	J	Y
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	298-00-0	Methyl parathion	3.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	298-04-4	Disulfoton	7	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	130-15-4	1,4-Naphthoquinone	4.6	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	53-96-3	2-Acetylaminofluorene	6.1	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	91-59-8	2-Naphthylamine	24	UG_KG	0	79	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	390	R	--
5/30/2008	SS	0	1	N	78SB15-00	SVOA	140-57-8	Aramite	13	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	HERB	2303-16-4	Diallate	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	60-51-5	Dimethoate	3.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	52-85-7	Famphur	4.3	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	1888-71-7	Hexachloropropene	8.6	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	120-58-1	Isosafrole	8.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	8000	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	59-89-2	N-Nitrosomorpholine	7.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	100-75-4	N-Nitrosopiperidine	10	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	19	UG_KG	0	79	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	298-02-2	Phorate	9.8	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	23950-58-5	Pronamide	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	94-59-7	Safrole	9.9	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	100-51-6	Benzyl alcohol	9.5	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	50-32-8	Benzo(a)pyrene	1.3	UG_KG	0	8	J	Y
5/30/2008	SS	0	1	N	78SB15-00	SVOA	51-28-5	2,4-Dinitrophenol	99	UG_KG	0	390	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.7	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.9	UG_KG	0	200	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	VOA	541-73-1	1,3-Dichlorobenzene	7.1	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	8	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	59-50-7	4-Chloro-3-methylphenol	8.9	UG_KG	0	39	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	606-20-2	2,6-Dinitrotoluene	7.4	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB15-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.7	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB15-01	METAL	7439-92-1	Lead	0.29	MG_KG	0	0.33	U	N
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-02-0	Nickel	19	MG_KG	0	0.22		Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-22-4	Silver	0.049	MG_KG	0	0.22	J	Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-28-0	Thallium	0.13	MG_KG	0	0.44	U	N
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-36-0	Antimony	0.082	MG_KG	0	0.55	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-38-2	Arsenic	0.52	MG_KG	0	0.55	U	N
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-39-3	Barium	20	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-43-9	Cadmium	0.15	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-47-3	Chromium	21	MG_KG	0	1.1	J	Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-48-4	Cobalt	18	MG_KG	0	0.11		Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-50-8	Copper	72	MG_KG	0	2.2		Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-62-2	Vanadium	110	MG_KG	0	1.1		Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-66-6	Zinc	34	MG_KG	0	4.4	J	Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7782-49-2	Selenium	0.13	MG_KG	0	0.55	U	N
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-31-5	Tin	4.4	MG_KG	0	22	U	N
5/30/2008	SB	1	3	N	78SB15-01	METAL	7440-41-7	Beryllium	0.047	MG_KG	0	0.11	J	Y
5/30/2008	SB	1	3	N	78SB15-01	METAL	7439-97-6	Mercury	0.0042	MG_KG	0	0.021	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	11096-82-5	Aroclor-1260	5.6	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	11097-69-1	Aroclor-1254	2.7	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	11104-28-2	Aroclor-1221	15	UG_KG	0	78	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	11141-16-5	Aroclor-1232	8.7	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	12672-29-6	Aroclor-1248	5.9	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	12674-11-2	Aroclor-1016	4.4	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	53469-21-9	Aroclor-1242	5.6	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	71-43-2	Benzene	0.95	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	71-55-6	1,1,1-Trichloroethane	0.7	UG_KG	0	6	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	74-83-9	Bromomethane	1.9	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	74-87-3	Chloromethane	0.86	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	74-95-3	Dibromomethane	1.4	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-00-3	Chloroethane	1.4	UG_KG	0	6	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-01-4	Vinyl chloride	0.7	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-09-2	Methylene chloride	1.2	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-15-0	Carbon disulfide	0.62	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-25-2	Bromoform	1.3	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-27-4	Bromodichloromethane	1	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-34-3	1,1-Dichloroethane	0.6	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-35-4	1,1-Dichloroethene	0.65	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.8	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	78-87-5	1,2-Dichloropropane	1.3	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	78-93-3	2-Butanone	3.3	UG_KG	0	30	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	79-00-5	1,1,2-Trichloroethane	1.4	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	79-01-6	Trichloroethene	1.2	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.7	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	106-93-4	1,2-Dibromoethane	1.8	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	107-06-2	1,2-Dichloroethane	1.2	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	108-10-1	4-Methyl-2-pentanone	3.5	UG_KG	0	30	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.4	UG_KG	0	12	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	96-18-4	1,2,3-Trichloropropane	1.7	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	108-88-3	Toluene	0.95	UG_KG	0	6	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB15-01	VOA	108-05-4	Vinyl acetate	1.8	UG_KG	0	12	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	108-90-7	Chlorobenzene	0.88	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	107-05-1	Allyl chloride	1.8	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.69	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	107-02-8	Acrolein	23	UG_KG	0	120	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	107-13-1	Acrylonitrile	28	UG_KG	0	120	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	97-63-2	Ethyl methacrylate	2.7	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	78-83-1	Isobutanol	83	UG_KG	0	240	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	124-48-1	Dibromochloromethane	0.6	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	126-98-7	Methacrylonitrile	29	UG_KG	0	120	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	80-62-6	Methyl methacrylate	4.5	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	127-18-4	Tetrachloroethene	0.88	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	1330-20-7	Xylene, total	2.8	UG_KG	0	12	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	100-41-4	Ethylbenzene	0.91	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	76-01-7	Pentachloroethane	2.7	UG_KG	0	30	R	--
5/30/2008	SB	1	3	N	78SB15-01	VOA	75-05-8	Acetonitrile	54	UG_KG	0	240	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	100-42-5	Styrene	0.8	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	74-88-4	Iodomethane	1.2	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	107-12-0	Propionitrile	25	UG_KG	0	120	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.7	UG_KG	0	12	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	10061-01-5	cis-1,3-Dichloropropene	1	UG_KG	0	6	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	56-23-5	Carbon tetrachloride	1.2	UG_KG	0	6	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	10061-02-6	trans-1,3-Dichloropropene	1	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	591-78-6	2-Hexanone	2.5	UG_KG	0	30	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.77	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	67-64-1	Acetone	14	UG_KG	0	60	J	Y
5/30/2008	SB	1	3	N	78SB15-01	VOA	67-66-3	Chloroform	0.6	UG_KG	0	6	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	67-72-1	Hexachloroethane	8.5	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	7.1	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	105-67-9	2,4-Dimethylphenol	20	UG_KG	0	76	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	106-46-7	1,4-Dichlorobenzene	7.1	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	76	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	78-59-1	Isophorone	7.1	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	106-47-8	4-Chloroaniline	6.9	UG_KG	0	76	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	83-32-9	Acenaphthene	0.66	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	84-66-2	Diethylphthalate	13	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	84-74-2	Di-n-butylphthalate	56	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	85-01-8	Phenanthrene	2	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	85-68-7	Butylbenzylphthalate	8.3	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	86-30-6	n-Nitrosodiphenylamine	8.2	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	86-73-7	Fluorene	0.89	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	87-86-5	Pentachlorophenol	9.6	UG_KG	0	200	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	88-06-2	2,4,6-Trichlorophenol	9.1	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	88-74-4	2-Nitroaniline	7.5	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	88-75-5	2-Nitrophenol	8.4	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	HERB	88-85-7	Dinoseb	20	UG_KG	0	76	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	91-20-3	Naphthalene	0.69	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	91-57-6	2-Methylnaphthalene	2	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	91-58-7	2-Chloronaphthalene	7.1	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	11	UG_KG	0	76	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	95-48-7	2-Methylphenol	9.3	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	95-50-1	1,2-Dichlorobenzene	8.1	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	95-57-8	2-Chlorophenol	7.6	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	95-95-4	2,4,5-Trichlorophenol	7.8	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	98-95-3	Nitrobenzene	8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7.3	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	108-95-2	Phenol	5.5	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	62-53-3	Aniline	7.3	UG_KG	0	76	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.6	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	92-52-4	1,1-Biphenyl	8.5	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	98-86-2	Acetophenone	9.9	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	12	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	117-84-0	Di-n-octylphthalate	3.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	118-74-1	Hexachlorobenzene	7.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	120-12-7	Anthracene	2	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	210	UG_KG	0	760	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.5	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	123-91-1	1,4-Dioxane	9.2	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.5	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	120-83-2	2,4-Dichlorophenol	9.3	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	121-14-2	2,4-Dinitrotoluene	6.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	70-30-4	Hexachlorophene	960	UG_KG	0	20000	R	--
5/30/2008	SB	1	3	N	78SB15-01	SVOA	100-02-7	4-Nitrophenol	38	UG_KG	0	200	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	95-53-4	2-Methylaniline	11	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.9	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	55-18-5	n-Nitrosodiethylamine	14	UG_KG	0	76	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.6	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	930-55-2	n-Nitrosopyrrolidine	10	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	129-00-0	Pyrene	2	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	56-38-2	Parathion	8.9	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	608-93-5	Pentachlorobenzene	7.1	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	131-11-3	Dimethyl phthalate	7.4	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	82-68-8	Pentachloronitrobenzene	6.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	760	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	132-64-9	Dibenzofuran	4.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7.3	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.8	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	20	UG_KG	0	76	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	191-24-2	Benzo(g,h,i)perylene	2	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	87-65-0	2,6-Dichlorophenol	7.4	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.4	UG_KG	0	7.7	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.88	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	92-67-1	4-Aminobiphenyl	15	UG_KG	0	76	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.4	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	109-06-8	2-Picoline	14	UG_KG	0	76	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	68	UG_KG	0	7700	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	56-49-5	3-Methylcholanthrene	7	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	206-44-0	Fluoranthene	2	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	11	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	8.2	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	62-44-2	Phenacetin	5.4	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	62-50-0	Ethyl methanesulfonate	13	UG_KG	0	76	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	66-27-3	Methyl methanesulfonate	11	UG_KG	0	38	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB15-01	SVOA	101-55-3	4-Bromophenyl-phenylether	8.2	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.2	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	99-09-2	3-Nitroaniline	5.2	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	100-01-6	4-Nitroaniline	8.9	UG_KG	0	200	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	208-96-8	Acenaphthylene	2	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	218-01-9	Chrysene	0.7	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	298-00-0	Methyl parathion	3.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	298-04-4	Disulfoton	6.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	130-15-4	1,4-Naphthoquinone	4.5	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	53-96-3	2-Acetylaminofluorene	5.9	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	91-59-8	2-Naphthylamine	23	UG_KG	0	76	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	13	UG_KG	0	380	R	--
5/30/2008	SB	1	3	N	78SB15-01	SVOA	140-57-8	Aramite	13	UG_KG	0	76	U	N
5/30/2008	SB	1	3	N	78SB15-01	HERB	2303-16-4	Diallate	11	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	60-51-5	Dimethoate	3.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	52-85-7	Famphur	4.2	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	1888-71-7	Hexachloropropene	8.3	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	120-58-1	Isosafrole	8.2	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	91-80-5	Methapyrilene	11	UG_KG	0	7700	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	59-89-2	N-Nitrosomorpholine	7.6	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	100-75-4	N-Nitrosopiperidine	9.8	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	76	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	298-02-2	Phorate	9.5	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	23950-58-5	Pronamide	10	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	94-59-7	Safrole	9.6	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	100-51-6	Benzyl alcohol	9.2	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	50-32-8	Benzo(a)pyrene	0.76	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	51-28-5	2,4-Dinitrophenol	96	UG_KG	0	380	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.68	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.7	UG_KG	0	200	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	VOA	541-73-1	1,3-Dichlorobenzene	6.9	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	56-55-3	Benzo(a)anthracene	2	UG_KG	0	7.7	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.6	UG_KG	0	38	UJ	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	606-20-2	2,6-Dinitrotoluene	7.1	UG_KG	0	38	U	N
5/30/2008	SB	1	3	N	78SB15-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.5	UG_KG	0	38	U	N
5/30/2008	SB	5	7	N	78SB15-03	METAL	7439-92-1	Lead	0.29	MG_KG	0	0.29	U	N
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-02-0	Nickel	19	MG_KG	0	0.19		Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-22-4	Silver	0.033	MG_KG	0	0.19	J	Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.39	U	N
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-36-0	Antimony	0.073	MG_KG	0	0.49	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-38-2	Arsenic	0.54	MG_KG	0	0.49		Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-39-3	Barium	43	MG_KG	0	0.97		Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-43-9	Cadmium	0.16	MG_KG	0	0.097		Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-47-3	Chromium	26	MG_KG	0	0.97	J	Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-48-4	Cobalt	20	MG_KG	0	0.097		Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-50-8	Copper	110	MG_KG	0	1.9		Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-62-2	Vanadium	160	MG_KG	0	0.97		Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-66-6	Zinc	34	MG_KG	0	3.9	J	Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.49	U	N
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-31-5	Tin	3.9	MG_KG	0	19	U	N
5/30/2008	SB	5	7	N	78SB15-03	METAL	7440-41-7	Beryllium	0.051	MG_KG	0	0.097	J	Y
5/30/2008	SB	5	7	N	78SB15-03	METAL	7439-97-6	Mercury	0.0042	MG_KG	0	0.021	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	11096-82-5	Aroclor-1260	5	UG_KG	0	35	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	11097-69-1	Aroclor-1254	2.4	UG_KG	0	35	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	70	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	11141-16-5	Aroclor-1232	7.9	UG_KG	0	35	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	12672-29-6	Aroclor-1248	5.4	UG_KG	0	35	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	12674-11-2	Aroclor-1016	4	UG_KG	0	35	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	53469-21-9	Aroclor-1242	5	UG_KG	0	35	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	71-43-2	Benzene	0.94	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	71-55-6	1,1,1-Trichloroethane	0.69	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	74-83-9	Bromomethane	1.9	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	74-87-3	Chloromethane	0.85	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	74-95-3	Dibromomethane	1.4	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-00-3	Chloroethane	1.4	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-01-4	Vinyl chloride	0.69	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-09-2	Methylene chloride	1.2	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-15-0	Carbon disulfide	0.61	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-25-2	Bromoform	1.3	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-27-4	Bromodichloromethane	0.99	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-34-3	1,1-Dichloroethane	0.6	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-35-4	1,1-Dichloroethene	0.65	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.8	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.1	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	78-87-5	1,2-Dichloropropane	1.3	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	78-93-3	2-Butanone	3.2	UG_KG	0	30	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	79-00-5	1,1,2-Trichloroethane	1.4	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	79-01-6	Trichloroethene	1.2	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.7	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	106-93-4	1,2-Dibromoethane	1.8	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	107-06-2	1,2-Dichloroethane	1.2	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	108-10-1	4-Methyl-2-pentanone	3.5	UG_KG	0	30	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.3	UG_KG	0	12	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	96-18-4	1,2,3-Trichloropropane	1.7	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	108-88-3	Toluene	0.94	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	108-05-4	Vinyl acetate	1.8	UG_KG	0	12	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	108-90-7	Chlorobenzene	0.87	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	107-05-1	Allyl chloride	1.8	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	126-99-8	2-Chloro-1,3-butadiene	0.68	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	107-02-8	Acrolein	23	UG_KG	0	120	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	107-13-1	Acrylonitrile	27	UG_KG	0	120	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	97-63-2	Ethyl methacrylate	2.6	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	78-83-1	Isobutanol	82	UG_KG	0	240	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	124-48-1	Dibromochloromethane	0.6	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	126-98-7	Methacrylonitrile	29	UG_KG	0	120	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	80-62-6	Methyl methacrylate	4.4	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	127-18-4	Tetrachloroethene	0.87	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	1330-20-7	Xylene, total	2.7	UG_KG	0	12	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	100-41-4	Ethylbenzene	0.9	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	156-60-5	trans-1,2-Dichloroethene	1.2	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	76-01-7	Pentachloroethane	2.6	UG_KG	0	30	R	--
5/30/2008	SB	5	7	N	78SB15-03	VOA	75-05-8	Acetonitrile	54	UG_KG	0	240	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	100-42-5	Styrene	0.79	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	74-88-4	Iodomethane	1.2	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	107-12-0	Propionitrile	25	UG_KG	0	120	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	110-57-6	trans-1,4-Dichloro-2-butene	3.7	UG_KG	0	12	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	10061-01-5	cis-1,3-Dichloropropene	1	UG_KG	0	6	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	56-23-5	Carbon tetrachloride	1.2	UG_KG	0	6	UJ	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	5	7	N	78SB15-03	VOA	10061-02-6	trans-1,3-Dichloropropene	1	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	591-78-6	2-Hexanone	2.5	UG_KG	0	30	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.76	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	67-64-1	Acetone	11	UG_KG	0	60	J	Y
5/30/2008	SB	5	7	N	78SB15-03	VOA	67-66-3	Chloroform	0.6	UG_KG	0	6	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	67-72-1	Hexachloroethane	7.7	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	106-46-7	1,4-Dichlorobenzene	6.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	78-59-1	Isophorone	6.5	UG_KG	0	34	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	106-47-8	4-Chloroaniline	6.3	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	83-32-9	Acenaphthene	0.6	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	84-66-2	Diethylphthalate	11	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	84-74-2	Di-n-butylphthalate	76	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	85-68-7	Butylbenzylphthalate	7.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	86-30-6	n-Nitrosodiphenylamine	7.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	86-73-7	Fluorene	0.8	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	87-68-3	Hexachlorobutadiene	9.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	87-86-5	Pentachlorophenol	8.7	UG_KG	0	180	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	88-06-2	2,4,6-Trichlorophenol	8.3	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	88-74-4	2-Nitroaniline	6.8	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	88-75-5	2-Nitrophenol	7.6	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	HERB	88-85-7	Dinoseb	18	UG_KG	0	69	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	91-20-3	Naphthalene	0.63	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	91-58-7	2-Chloronaphthalene	6.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.6	UG_KG	0	69	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	95-48-7	2-Methylphenol	8.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	95-50-1	1,2-Dichlorobenzene	7.3	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	95-57-8	2-Chlorophenol	6.9	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	95-95-4	2,4,5-Trichlorophenol	7.1	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	98-95-3	Nitrobenzene	7.2	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.6	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	108-95-2	Phenol	5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	62-53-3	Aniline	6.6	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	111-44-4	bis(2-Chloroethyl)ether	6	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	92-52-4	1,1-Biphenyl	7.7	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.1	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	98-86-2	Acetophenone	9	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	9	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	117-84-0	Di-n-octylphthalate	3.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	118-74-1	Hexachlorobenzene	7.1	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	690	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	EXPLO	99-65-0	1,3-Dinitrobenzene	4.1	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	123-91-1	1,4-Dioxane	8.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	120-82-1	1,2,4-Trichlorobenzene	7.7	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	120-83-2	2,4-Dichlorophenol	8.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	121-14-2	2,4-Dinitrotoluene	6.2	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	70-30-4	Hexachlorophene	870	UG_KG	0	18000	R	--
5/30/2008	SB	5	7	N	78SB15-03	SVOA	100-02-7	4-Nitrophenol	34	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	95-53-4	2-Methylaniline	9.7	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.3	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	62-75-9	n-Nitrosodimethylamine	10	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	930-55-2	n-Nitrosopyrrolidine	9.3	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	56-38-2	Parathion	8	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	608-93-5	Pentachlorobenzene	6.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	131-11-3	Dimethyl phthalate	6.7	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	82-68-8	Pentachloronitrobenzene	6.2	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	690	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	132-64-9	Dibenzofuran	4.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.6	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	87-65-0	2,6-Dichlorophenol	6.7	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	205-99-2	Benzo(b)fluoranthene	0.79	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	69	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.6	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	109-06-8	2-Picoline	13	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	122-09-8	a,a-Dimethylphenethylamine	62	UG_KG	0	7000	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	56-49-5	3-Methylcholanthrene	6.4	UG_KG	0	34	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	9.7	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	62-44-2	Phenacetin	4.9	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	62-50-0	Ethyl methanesulfonate	11	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	66-27-3	Methyl methanesulfonate	9.7	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	101-55-3	4-Bromophenyl-phenylether	7.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	207-08-9	Benzo(k)fluoranthene	1	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	99-09-2	3-Nitroaniline	4.7	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	100-01-6	4-Nitroaniline	8	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	218-01-9	Chrysene	0.64	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	298-00-0	Methyl parathion	3.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	298-04-4	Disulfoton	6.2	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	130-15-4	1,4-Naphthoquinone	4.1	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	53-96-3	2-Acetylaminofluorene	5.3	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	91-59-8	2-Naphthylamine	21	UG_KG	0	69	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	56-57-5	4-Nitroquinoline-1-oxide	11	UG_KG	0	340	R	--
5/30/2008	SB	5	7	N	78SB15-03	SVOA	140-57-8	Aramite	11	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	HERB	2303-16-4	Diallate	10	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	60-51-5	Dimethoate	3.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	52-85-7	Famphur	3.8	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	1888-71-7	Hexachloropropene	7.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	120-58-1	Isosafrole	7.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	91-80-5	Methapyrilene	9.7	UG_KG	0	7000	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	59-89-2	N-Nitrosomorpholine	6.9	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	100-75-4	N-Nitrosopiperidine	8.9	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	69	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	298-02-2	Phorate	8.6	UG_KG	0	34	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	5	7	N	78SB15-03	SVOA	23950-58-5	Pronamide	9.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	94-59-7	Safrole	8.7	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	100-51-6	Benzyl alcohol	8.4	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	50-32-8	Benzo(a)pyrene	0.69	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	51-28-5	2,4-Dinitrophenol	87	UG_KG	0	340	UJ	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	53-70-3	Dibenz(a,h)anthracene	0.62	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.1	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB15-03	VOA	541-73-1	1,3-Dichlorobenzene	6.3	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	59-50-7	4-Chloro-3-methylphenol	7.8	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	606-20-2	2,6-Dinitrotoluene	6.5	UG_KG	0	34	U	N
5/30/2008	SB	5	7	N	78SB15-03	SVOA	621-64-7	n-Nitroso-di-n-propylamine	6.8	UG_KG	0	34	U	N
5/30/2008	SS	0	1	N	78SB16-00	METAL	7439-92-1	Lead	0.81	MG_KG	0	0.36		Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-02-0	Nickel	49	MG_KG	0	0.24		Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-22-4	Silver	0.11	MG_KG	0	0.24	J	Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-28-0	Thallium	0.14	MG_KG	0	0.47	U	N
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-36-0	Antimony	0.14	MG_KG	0	0.59	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-38-2	Arsenic	1.8	MG_KG	0	0.59		Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-39-3	Barium	80	MG_KG	0	1.2		Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-43-9	Cadmium	0.23	MG_KG	0	0.12		Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-47-3	Chromium	36	MG_KG	0	1.2	J	Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-48-4	Cobalt	40	MG_KG	0	0.12		Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-50-8	Copper	240	MG_KG	0	2.4		Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-62-2	Vanadium	210	MG_KG	0	1.2		Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-66-6	Zinc	72	MG_KG	0	4.7	J	Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7782-49-2	Selenium	0.14	MG_KG	0	0.59	U	N
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-31-5	Tin	4.7	MG_KG	0	24	U	N
5/30/2008	SS	0	1	N	78SB16-00	METAL	7440-41-7	Beryllium	0.27	MG_KG	0	0.12		Y
5/30/2008	SS	0	1	N	78SB16-00	METAL	7439-97-6	Mercury	0.0043	MG_KG	0	0.022	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	11096-82-5	Aroclor-1260	6.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	11097-69-1	Aroclor-1254	3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	11104-28-2	Aroclor-1221	17	UG_KG	0	87	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	11141-16-5	Aroclor-1232	9.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	12672-29-6	Aroclor-1248	6.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	12674-11-2	Aroclor-1016	4.9	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	53469-21-9	Aroclor-1242	6.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	71-43-2	Benzene	1	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	71-55-6	1,1,1-Trichloroethane	0.76	UG_KG	0	6.5	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	74-83-9	Bromomethane	2.1	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	74-87-3	Chloromethane	0.92	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	74-95-3	Dibromomethane	1.6	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-00-3	Chloroethane	1.6	UG_KG	0	6.5	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-01-4	Vinyl chloride	0.76	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-09-2	Methylene chloride	1.3	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-15-0	Carbon disulfide	0.66	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-25-2	Bromoform	1.4	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-27-4	Bromodichloromethane	1.1	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-34-3	1,1-Dichloroethane	0.65	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-35-4	1,1-Dichloroethene	0.7	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	2	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.2	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	78-87-5	1,2-Dichloropropane	1.4	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	78-93-3	2-Butanone	13	UG_KG	0	33	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	79-00-5	1,1,2-Trichloroethane	1.6	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	79-01-6	Trichloroethene	1.3	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.8	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	106-93-4	1,2-Dibromoethane	2	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	107-06-2	1,2-Dichloroethane	1.3	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	108-10-1	4-Methyl-2-pentanone	3.8	UG_KG	0	33	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.6	UG_KG	0	13	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	96-18-4	1,2,3-Trichloropropane	1.8	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	108-88-3	Toluene	1	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	108-05-4	Vinyl acetate	2	UG_KG	0	13	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	108-90-7	Chlorobenzene	0.95	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	107-05-1	Allyl chloride	2	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	126-99-8	2-Chloro-1,3-butadiene	0.74	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	107-02-8	Acrolein	25	UG_KG	0	130	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	107-13-1	Acrylonitrile	30	UG_KG	0	130	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	97-63-2	Ethyl methacrylate	2.9	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	78-83-1	Isobutanol	90	UG_KG	0	260	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	124-48-1	Dibromochloromethane	0.65	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	126-98-7	Methacrylonitrile	31	UG_KG	0	130	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	80-62-6	Methyl methacrylate	4.8	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	127-18-4	Tetrachloroethene	0.95	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	1330-20-7	Xylene, total	3	UG_KG	0	13	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	100-41-4	Ethylbenzene	0.98	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	156-60-5	trans-1,2-Dichloroethene	1.3	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	76-01-7	Pentachloroethane	2.9	UG_KG	0	33	R	--
5/30/2008	SS	0	1	N	78SB16-00	VOA	75-05-8	Acetonitrile	59	UG_KG	0	260	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	100-42-5	Styrene	0.86	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	74-88-4	Iodomethane	1.3	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	107-12-0	Propionitrile	27	UG_KG	0	130	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	110-57-6	trans-1,4-Dichloro-2-butene	4	UG_KG	0	13	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	10061-01-5	cis-1,3-Dichloropropene	1.1	UG_KG	0	6.5	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	56-23-5	Carbon tetrachloride	1.3	UG_KG	0	6.5	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	10061-02-6	trans-1,3-Dichloropropene	1.1	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	591-78-6	2-Hexanone	2.7	UG_KG	0	33	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.83	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	67-64-1	Acetone	85	UG_KG	0	65	J	Y
5/30/2008	SS	0	1	N	78SB16-00	VOA	67-66-3	Chloroform	0.65	UG_KG	0	6.5	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	67-72-1	Hexachloroethane	9.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	7005-72-3	4-Chlorophenyl-phenylether	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	105-67-9	2,4-Dimethylphenol	22	UG_KG	0	86	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	106-46-7	1,4-Dichlorobenzene	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	77-47-4	Hexachlorocyclopentadiene	18	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	78-59-1	Isophorone	8.1	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	106-47-8	4-Chloroaniline	7.8	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	83-32-9	Acenaphthene	0.74	UG_KG	0	8.7	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	84-66-2	Diethylphthalate	14	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	84-74-2	Di-n-butylphthalate	33	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	85-01-8	Phenanthrene	5.5	UG_KG	0	8.7	J	Y
5/30/2008	SS	0	1	N	78SB16-00	SVOA	85-68-7	Butylbenzylphthalate	9.4	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	86-30-6	n-Nitrosodiphenylamine	9.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	86-73-7	Fluorene	1	UG_KG	0	8.7	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	87-68-3	Hexachlorobutadiene	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	87-86-5	Pentachlorophenol	11	UG_KG	0	220	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	88-06-2	2,4,6-Trichlorophenol	10	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	88-74-4	2-Nitroaniline	8.5	UG_KG	0	220	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SS	0	1	N	78SB16-00	SVOA	88-75-5	2-Nitrophenol	9.5	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	HERB	88-85-7	Dinoseb	22	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	91-20-3	Naphthalene	1.9	UG_KG	0	8.7	J	Y
5/30/2008	SS	0	1	N	78SB16-00	SVOA	91-57-6	2-Methylnaphthalene	2.2	UG_KG	0	8.7	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	91-58-7	2-Chloronaphthalene	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	91-94-1	3,3'-Dichlorobenzidine	12	UG_KG	0	86	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	95-48-7	2-Methylphenol	11	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	95-50-1	1,2-Dichlorobenzene	9.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	95-57-8	2-Chlorophenol	8.6	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	95-95-4	2,4,5-Trichlorophenol	8.8	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	98-95-3	Nitrobenzene	9	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	8.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	108-95-2	Phenol	6.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	62-53-3	Aniline	8.2	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	111-44-4	bis(2-Chloroethyl)ether	7.4	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	92-52-4	1,1-Biphenyl	9.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	111-91-1	bis(2-Chloroethoxy)methane	8.8	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	98-86-2	Acetophenone	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	26	UG_KG	0	43	R	--
5/30/2008	SS	0	1	N	78SB16-00	SVOA	117-84-0	Di-n-octylphthalate	4.3	UG_KG	0	43	R	--
5/30/2008	SS	0	1	N	78SB16-00	SVOA	118-74-1	Hexachlorobenzene	8.8	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	120-12-7	Anthracene	2.2	UG_KG	0	8.7	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	119-93-7	3,3'-Dimethylbenzidine	230	UG_KG	0	860	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	EXPLO	99-65-0	1,3-Dinitrobenzene	5.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	123-91-1	1,4-Dioxane	10	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	120-82-1	1,2,4-Trichlorobenzene	9.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	120-83-2	2,4-Dichlorophenol	11	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	121-14-2	2,4-Dinitrotoluene	7.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	70-30-4	Hexachlorophene	1100	UG_KG	0	22000	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	100-02-7	4-Nitrophenol	43	UG_KG	0	220	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	95-53-4	2-Methylaniline	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	99-55-8	2-Methyl-5-nitroaniline	7.8	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	924-16-3	n-Nitroso-di-n-butylamine	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	55-18-5	n-Nitrosodiethylamine	16	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	62-75-9	n-Nitrosodimethylamine	13	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	7.4	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	930-55-2	n-Nitrosopyrrolidine	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	129-00-0	Pyrene	20	UG_KG	0	8.7		Y
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	56-38-2	Parathion	10	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	608-93-5	Pentachlorobenzene	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	131-11-3	Dimethyl phthalate	8.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	82-68-8	Pentachloronitrobenzene	7.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	106-50-3	p-Phenylenediamine	210	UG_KG	0	860	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	132-64-9	Dibenzofuran	5.5	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	8.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	5.5	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	EXPLO	99-35-4	1,3,5-Trinitrobenzene	22	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	191-24-2	Benzo(g,h,i)perylene	19	UG_KG	0	8.7	J	Y
5/30/2008	SS	0	1	N	78SB16-00	SVOA	87-65-0	2,6-Dichlorophenol	8.3	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.6	UG_KG	0	8.7	R	--
5/30/2008	SS	0	1	N	78SB16-00	SVOA	205-99-2	Benzo(b)fluoranthene	14	UG_KG	0	8.7	J	Y
5/30/2008	SS	0	1	N	78SB16-00	SVOA	92-67-1	4-Aminobiphenyl	17	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	m&pCRESOL	3- and 4-Methylphenol	9.5	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	109-06-8	2-Picoline	16	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	122-09-8	a,a-Dimethylphenethylamine	77	UG_KG	0	8700	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	56-49-5	3-Methylcholanthrene	7.9	UG_KG	0	43	R	--
5/30/2008	SS	0	1	N	78SB16-00	SVOA	206-44-0	Fluoranthene	15	UG_KG	0	8.7		Y
5/30/2008	SS	0	1	N	78SB16-00	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	12	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	60-11-7	p-Dimethylaminoazobenzene	9.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	62-44-2	Phenacetin	6.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	62-50-0	Ethyl methanesulfonate	14	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	66-27-3	Methyl methanesulfonate	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	101-55-3	4-Bromophenyl-phenylether	9.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	207-08-9	Benzo(k)fluoranthene	1.3	UG_KG	0	8.7	R	--
5/30/2008	SS	0	1	N	78SB16-00	SVOA	99-09-2	3-Nitroaniline	5.9	UG_KG	0	220	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	100-01-6	4-Nitroaniline	10	UG_KG	0	220	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	208-96-8	Acenaphthylene	2.2	UG_KG	0	8.7	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	218-01-9	Chrysene	34	UG_KG	0	8.7	J	Y
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	298-00-0	Methyl parathion	4.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	298-04-4	Disulfoton	7.7	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	130-15-4	1,4-Naphthoquinone	5.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	53-96-3	2-Acetylaminofluorene	6.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	91-59-8	2-Naphthylamine	26	UG_KG	0	86	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	56-57-5	4-Nitroquinoline-1-oxide	14	UG_KG	0	430	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	140-57-8	Aramite	14	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	HERB	2303-16-4	Diallate	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	60-51-5	Dimethoate	4.3	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	52-85-7	Famphur	4.7	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	1888-71-7	Hexachloropropene	9.4	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	120-58-1	Isosafrole	9.2	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	91-80-5	Methapyrilene	12	UG_KG	0	8700	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	59-89-2	N-Nitrosomorpholine	8.6	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	100-75-4	N-Nitrosopiperidine	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	21	UG_KG	0	86	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	298-02-2	Phorate	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	23950-58-5	Pronamide	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	94-59-7	Safrole	11	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	100-51-6	Benzyl alcohol	10	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	50-32-8	Benzo(a)pyrene	0.86	UG_KG	0	8.7	R	--
5/30/2008	SS	0	1	N	78SB16-00	SVOA	51-28-5	2,4-Dinitrophenol	110	UG_KG	0	430	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	53-70-3	Dibenz(a,h)anthracene	0.77	UG_KG	0	8.7	R	--
5/30/2008	SS	0	1	N	78SB16-00	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	7.5	UG_KG	0	220	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	VOA	541-73-1	1,3-Dichlorobenzene	7.8	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	56-55-3	Benzo(a)anthracene	2.2	UG_KG	0	8.7	R	--
5/30/2008	SS	0	1	N	78SB16-00	SVOA	59-50-7	4-Chloro-3-methylphenol	9.8	UG_KG	0	43	UJ	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	606-20-2	2,6-Dinitrotoluene	8.1	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB16-00	SVOA	621-64-7	n-Nitroso-di-n-propylamine	8.5	UG_KG	0	43	U	N
5/30/2008	SB	1	3	N	78SB16-01	METAL	7439-92-1	Lead	4.7	MG_KG	0	0.3		Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-02-0	Nickel	19	MG_KG	0	0.2		Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-22-4	Silver	0.059	MG_KG	0	0.2	J	Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-36-0	Antimony	0.11	MG_KG	0	0.5	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-38-2	Arsenic	1.4	MG_KG	0	0.5		Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-39-3	Barium	69	MG_KG	0	1		Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-43-9	Cadmium	0.33	MG_KG	0	0.1		Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-47-3	Chromium	19	MG_KG	0	1	J	Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-48-4	Cobalt	25	MG_KG	0	0.1		Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-50-8	Copper	110	MG_KG	0	2		Y

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-62-2	Vanadium	150	MG_KG	0	1		Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-66-6	Zinc	37	MG_KG	0	4	J	Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-31-5	Tin	4	MG_KG	0	20	U	N
5/30/2008	SB	1	3	N	78SB16-01	METAL	7440-41-7	Beryllium	0.25	MG_KG	0	0.1		Y
5/30/2008	SB	1	3	N	78SB16-01	METAL	7439-97-6	Mercury	0.0039	MG_KG	0	0.02	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	11096-82-5	Aroclor-1260	5.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	11097-69-1	Aroclor-1254	2.6	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	74	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	11141-16-5	Aroclor-1232	8.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	12672-29-6	Aroclor-1248	5.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	12674-11-2	Aroclor-1016	4.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	53469-21-9	Aroclor-1242	5.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	71-43-2	Benzene	1	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	71-55-6	1,1,1-Trichloroethane	0.75	UG_KG	0	6.5	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	74-83-9	Bromomethane	2.1	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	74-87-3	Chloromethane	0.92	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	74-95-3	Dibromomethane	1.6	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-00-3	Chloroethane	1.6	UG_KG	0	6.5	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-01-4	Vinyl chloride	0.75	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-09-2	Methylene chloride	1.3	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-15-0	Carbon disulfide	0.66	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-25-2	Bromoform	1.4	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-27-4	Bromodichloromethane	1.1	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-34-3	1,1-Dichloroethane	0.65	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-35-4	1,1-Dichloroethene	0.7	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.9	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	1.2	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	78-87-5	1,2-Dichloropropane	1.4	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	78-93-3	2-Butanone	3.7	UG_KG	0	32	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	79-00-5	1,1,2-Trichloroethane	1.6	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	79-01-6	Trichloroethene	1.3	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.8	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	106-93-4	1,2-Dibromoethane	1.9	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	107-06-2	1,2-Dichloroethane	1.3	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	108-10-1	4-Methyl-2-pentanone	3.8	UG_KG	0	32	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	96-12-8	1,2-Dibromo-3-chloropropane	3.6	UG_KG	0	13	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	96-18-4	1,2,3-Trichloropropane	1.8	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	108-88-3	Toluene	1	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	108-05-4	Vinyl acetate	1.9	UG_KG	0	13	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	108-90-7	Chlorobenzene	0.95	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	107-05-1	Allyl chloride	1.9	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	126-99-8	2-Chloro-1,3-butadiene	0.74	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	107-02-8	Acrolein	25	UG_KG	0	130	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	107-13-1	Acrylonitrile	30	UG_KG	0	130	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	97-63-2	Ethyl methacrylate	2.8	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	78-83-1	Isobutanol	89	UG_KG	0	260	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	124-48-1	Dibromochloromethane	0.65	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	126-98-7	Methacrylonitrile	31	UG_KG	0	130	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	80-62-6	Methyl methacrylate	4.8	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	127-18-4	Tetrachloroethene	0.95	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	1330-20-7	Xylene, total	3	UG_KG	0	13	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	100-41-4	Ethylbenzene	0.97	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	156-60-5	trans-1,2-Dichloroethene	1.3	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	76-01-7	Pentachloroethane	2.8	UG_KG	0	32	R	--
5/30/2008	SB	1	3	N	78SB16-01	VOA	75-05-8	Acetonitrile	58	UG_KG	0	260	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	100-42-5	Styrene	0.85	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	74-88-4	Iodomethane	1.3	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	107-12-0	Propionitrile	27	UG_KG	0	130	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	110-57-6	trans-1,4-Dichloro-2-butene	4	UG_KG	0	13	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	10061-01-5	cis-1,3-Dichloropropene	1.1	UG_KG	0	6.5	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	56-23-5	Carbon tetrachloride	1.3	UG_KG	0	6.5	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	10061-02-6	trans-1,3-Dichloropropene	1.1	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	591-78-6	2-Hexanone	2.7	UG_KG	0	32	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.83	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	67-64-1	Acetone	24	UG_KG	0	65	J	Y
5/30/2008	SB	1	3	N	78SB16-01	VOA	67-66-3	Chloroform	0.65	UG_KG	0	6.5	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	67-72-1	Hexachloroethane	8.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	105-67-9	2,4-Dimethylphenol	19	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	106-46-7	1,4-Dichlorobenzene	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	77-47-4	Hexachlorocyclopentadiene	16	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	78-59-1	Isophorone	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	106-47-8	4-Chloroaniline	6.7	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	83-32-9	Acenaphthene	0.63	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	84-74-2	Di-n-butylphthalate	28	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	85-01-8	Phenanthrene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	85-68-7	Butylbenzylphthalate	8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	86-30-6	n-Nitrosodiphenylamine	7.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	86-73-7	Fluorene	0.85	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	87-68-3	Hexachlorobutadiene	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	87-86-5	Pentachlorophenol	9.2	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	88-06-2	2,4,6-Trichlorophenol	8.8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	88-74-4	2-Nitroaniline	7.2	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	88-75-5	2-Nitrophenol	8.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	HERB	88-85-7	Dinoseb	19	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	91-20-3	Naphthalene	0.67	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	91-57-6	2-Methylnaphthalene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	91-58-7	2-Chloronaphthalene	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	91-94-1	3,3'-Dichlorobenzidine	10	UG_KG	0	73	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	95-48-7	2-Methylphenol	9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	95-50-1	1,2-Dichlorobenzene	7.8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	95-57-8	2-Chlorophenol	7.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	95-95-4	2,4,5-Trichlorophenol	7.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	98-95-3	Nitrobenzene	7.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	108-95-2	Phenol	5.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	62-53-3	Aniline	7	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	92-52-4	1,1-Biphenyl	8.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	98-86-2	Acetophenone	9.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	14	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	117-84-0	Di-n-octylphthalate	3.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	118-74-1	Hexachlorobenzene	7.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	120-12-7	Anthracene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	119-93-7	3,3'-Dimethylbenzidine	200	UG_KG	0	730	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	1	3	N	78SB16-01	EXPLO	99-65-0	1,3-Dinitrobenzene	4.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	123-91-1	1,4-Dioxane	8.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	120-82-1	1,2,4-Trichlorobenzene	8.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	120-83-2	2,4-Dichlorophenol	9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	121-14-2	2,4-Dinitrotoluene	6.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	70-30-4	Hexachlorophene	920	UG_KG	0	19000	R	--
5/30/2008	SB	1	3	N	78SB16-01	SVOA	100-02-7	4-Nitrophenol	37	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	924-16-3	n-Nitroso-di-n-butylamine	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	930-55-2	n-Nitrosopyrrolidine	9.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	129-00-0	Pyrene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	56-38-2	Parathion	8.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	608-93-5	Pentachlorobenzene	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	131-11-3	Dimethyl phthalate	7.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	82-68-8	Pentachloronitrobenzene	6.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	106-50-3	p-Phenylenediamine	180	UG_KG	0	730	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	132-64-9	Dibenzofuran	4.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	EXPLO	99-35-4	1,3,5-Trinitrobenzene	19	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	191-24-2	Benzo(g,h,i)perylene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	87-65-0	2,6-Dichlorophenol	7.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	205-99-2	Benzo(b)fluoranthene	0.84	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	m&pCRESOL	3- and 4-Methylphenol	8.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	109-06-8	2-Picoline	13	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	122-09-8	a,a-Dimethylphenethylamine	65	UG_KG	0	7400	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	56-49-5	3-Methylcholanthrene	6.8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	206-44-0	Fluoranthene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	62-44-2	Phenacetin	5.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	101-55-3	4-Bromophenyl-phenylether	7.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	99-09-2	3-Nitroaniline	5	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	100-01-6	4-Nitroaniline	8.5	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	208-96-8	Acenaphthylene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	218-01-9	Chrysene	0.68	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	298-00-0	Methyl parathion	3.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	298-04-4	Disulfoton	6.5	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	130-15-4	1,4-Naphthoquinone	4.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	53-96-3	2-Acetylaminofluorene	5.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	73	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	370	R	--
5/30/2008	SB	1	3	N	78SB16-01	SVOA	140-57-8	Aramite	12	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	HERB	2303-16-4	Diallate	11	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	60-51-5	Dimethoate	3.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	52-85-7	Famphur	4	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	1888-71-7	Hexachloropropene	8	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	120-58-1	Isosafrole	7.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7400	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	59-89-2	N-Nitrosomorpholine	7.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	100-75-4	N-Nitrosopiperidine	9.4	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	18	UG_KG	0	73	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	298-02-2	Phorate	9.1	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	23950-58-5	Pronamide	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	94-59-7	Safrole	9.2	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	100-51-6	Benzyl alcohol	8.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	50-32-8	Benzo(a)pyrene	0.73	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	51-28-5	2,4-Dinitrophenol	92	UG_KG	0	370	UJ	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	53-70-3	Dibenz(a,h)anthracene	0.65	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.4	UG_KG	0	190	U	N
5/30/2008	SB	1	3	N	78SB16-01	VOA	541-73-1	1,3-Dichlorobenzene	6.7	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	56-55-3	Benzo(a)anthracene	1.9	UG_KG	0	7.4	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	59-50-7	4-Chloro-3-methylphenol	8.3	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	606-20-2	2,6-Dinitrotoluene	6.9	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB16-01	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7.2	UG_KG	0	37	U	N
5/30/2008	SB	5	7	N	78SB16-03	METAL	7439-92-1	Lead	0.5	MG_KG	0	0.3		Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-02-0	Nickel	17	MG_KG	0	0.2		Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-22-4	Silver	0.071	MG_KG	0	0.2	J	Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-28-0	Thallium	0.12	MG_KG	0	0.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-36-0	Antimony	0.075	MG_KG	0	0.5	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-38-2	Arsenic	0.73	MG_KG	0	0.5		Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-39-3	Barium	24	MG_KG	0	1		Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-43-9	Cadmium	0.032	MG_KG	0	0.1	U	N
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-47-3	Chromium	16	MG_KG	0	1	J	Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-48-4	Cobalt	20	MG_KG	0	0.1		Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-50-8	Copper	76	MG_KG	0	2		Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-62-2	Vanadium	180	MG_KG	0	1		Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-66-6	Zinc	27	MG_KG	0	4	J	Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7782-49-2	Selenium	0.12	MG_KG	0	0.5	U	N
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-31-5	Tin	4	MG_KG	0	20	U	N
5/30/2008	SB	5	7	N	78SB16-03	METAL	7440-41-7	Beryllium	0.078	MG_KG	0	0.1	J	Y
5/30/2008	SB	5	7	N	78SB16-03	METAL	7439-97-6	Mercury	0.0039	MG_KG	0	0.019	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	11096-82-5	Aroclor-1260	5.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	11097-69-1	Aroclor-1254	2.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	11104-28-2	Aroclor-1221	14	UG_KG	0	72	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	11141-16-5	Aroclor-1232	8.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	12672-29-6	Aroclor-1248	5.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	12674-11-2	Aroclor-1016	4.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	53469-21-9	Aroclor-1242	5.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	71-43-2	Benzene	0.69	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	71-55-6	1,1,1-Trichloroethane	0.51	UG_KG	0	4.4	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	74-83-9	Bromomethane	1.4	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	74-87-3	Chloromethane	0.62	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	74-95-3	Dibromomethane	1.1	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-00-3	Chloroethane	1.1	UG_KG	0	4.4	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-01-4	Vinyl chloride	0.51	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-09-2	Methylene chloride	0.88	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-15-0	Carbon disulfide	0.45	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-25-2	Bromoform	0.97	UG_KG	0	4.4	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-27-4	Bromodichloromethane	0.73	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-34-3	1,1-Dichloroethane	0.44	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-35-4	1,1-Dichloroethene	0.47	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-69-4	Trichlorofluoromethane (Freon-11)	1.3	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-71-8	Dichlorodifluoromethane (Freon-12)	0.78	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	78-87-5	1,2-Dichloropropane	0.97	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	78-93-3	2-Butanone	2.4	UG_KG	0	22	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	79-00-5	1,1,2-Trichloroethane	1.1	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	79-01-6	Trichloroethene	0.88	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	79-34-5	1,1,2,2-Tetrachloroethane	1.2	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	106-93-4	1,2-Dibromoethane	1.3	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	107-06-2	1,2-Dichloroethane	0.88	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	108-10-1	4-Methyl-2-pentanone	2.5	UG_KG	0	22	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	96-12-8	1,2-Dibromo-3-chloropropane	2.5	UG_KG	0	8.8	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	96-18-4	1,2,3-Trichloropropane	1.2	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	108-88-3	Toluene	0.69	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	108-05-4	Vinyl acetate	1.3	UG_KG	0	8.8	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	108-90-7	Chlorobenzene	0.64	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	107-05-1	Allyl chloride	1.3	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	126-99-8	2-Chloro-1,3-butadiene	0.5	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	107-02-8	Acrolein	17	UG_KG	0	88	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	107-13-1	Acrylonitrile	20	UG_KG	0	88	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	97-63-2	Ethyl methacrylate	1.9	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	78-83-1	Isobutanol	61	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	124-48-1	Dibromochloromethane	0.44	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	126-98-7	Methacrylonitrile	21	UG_KG	0	88	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	80-62-6	Methyl methacrylate	3.2	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	127-18-4	Tetrachloroethene	0.64	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	1330-20-7	Xylene, total	2	UG_KG	0	8.8	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	100-41-4	Ethylbenzene	0.66	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	156-60-5	trans-1,2-Dichloroethene	0.85	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	76-01-7	Pentachloroethane	1.9	UG_KG	0	22	R	--
5/30/2008	SB	5	7	N	78SB16-03	VOA	75-05-8	Acetonitrile	39	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	100-42-5	Styrene	0.58	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	74-88-4	Iodomethane	0.88	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	107-12-0	Propionitrile	18	UG_KG	0	88	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	110-57-6	trans-1,4-Dichloro-2-butene	2.7	UG_KG	0	8.8	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	10061-01-5	cis-1,3-Dichloropropene	0.76	UG_KG	0	4.4	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	56-23-5	Carbon tetrachloride	0.88	UG_KG	0	4.4	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	10061-02-6	trans-1,3-Dichloropropene	0.76	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	591-78-6	2-Hexanone	1.8	UG_KG	0	22	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	630-20-6	1,1,1,2-Tetrachloroethane	0.56	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	67-64-1	Acetone	8.3	UG_KG	0	44	J	Y
5/30/2008	SB	5	7	N	78SB16-03	VOA	67-66-3	Chloroform	0.44	UG_KG	0	4.4	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	67-72-1	Hexachloroethane	8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	7005-72-3	4-Chlorophenyl-phenylether	6.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	105-67-9	2,4-Dimethylphenol	18	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	106-46-7	1,4-Dichlorobenzene	6.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	77-47-4	Hexachlorocyclopentadiene	15	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	78-59-1	Isophorone	6.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	106-47-8	4-Chloroaniline	6.5	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	83-32-9	Acenaphthene	0.61	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	84-66-2	Diethylphthalate	12	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	84-74-2	Di-n-butylphthalate	27	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	85-01-8	Phenanthrene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	85-68-7	Butylbenzylphthalate	7.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	86-30-6	n-Nitrosodiphenylamine	7.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	86-73-7	Fluorene	0.83	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	87-68-3	Hexachlorobutadiene	9.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	87-86-5	Pentachlorophenol	8.9	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	88-06-2	2,4,6-Trichlorophenol	8.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	88-74-4	2-Nitroaniline	7	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	88-75-5	2-Nitrophenol	7.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	HERB	88-85-7	Dinoseb	18	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	91-20-3	Naphthalene	0.65	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	91-57-6	2-Methylnaphthalene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	91-58-7	2-Chloronaphthalene	6.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	91-94-1	3,3'-Dichlorobenzidine	9.9	UG_KG	0	71	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	95-48-7	2-Methylphenol	8.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	95-50-1	1,2-Dichlorobenzene	7.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	95-57-8	2-Chlorophenol	7.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	95-95-4	2,4,5-Trichlorophenol	7.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	98-95-3	Nitrobenzene	7.4	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	108-60-1	2,2'-Oxybis(1-chloropropane)	6.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	108-95-2	Phenol	5.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	62-53-3	Aniline	6.8	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	111-44-4	bis(2-Chloroethyl)ether	6.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	92-52-4	1,1-Biphenyl	8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	111-91-1	bis(2-Chloroethoxy)methane	7.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	98-86-2	Acetophenone	9.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	117-81-7	bis(2-Ethylhexyl)phthalate	12	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	117-84-0	Di-n-octylphthalate	3.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	118-74-1	Hexachlorobenzene	7.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	120-12-7	Anthracene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	119-93-7	3,3'-Dimethylbenzidine	190	UG_KG	0	710	U	N
5/30/2008	SB	5	7	N	78SB16-03	EXPLO	99-65-0	1,3-Dinitrobenzene	4.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	123-91-1	1,4-Dioxane	8.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	120-82-1	1,2,4-Trichlorobenzene	8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	120-83-2	2,4-Dichlorophenol	8.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	121-14-2	2,4-Dinitrotoluene	6.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	70-30-4	Hexachlorophene	890	UG_KG	0	18000	R	--
5/30/2008	SB	5	7	N	78SB16-03	SVOA	100-02-7	4-Nitrophenol	36	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	95-53-4	2-Methylaniline	10	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	99-55-8	2-Methyl-5-nitroaniline	6.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	924-16-3	n-Nitroso-di-n-butylamine	9.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	55-18-5	n-Nitrosodiethylamine	13	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	62-75-9	n-Nitrosodimethylamine	11	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	10595-95-6	n-Nitroso-n-methylethylamine	6.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	930-55-2	n-Nitrosopyrrolidine	9.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	129-00-0	Pyrene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	56-38-2	Parathion	8.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	608-93-5	Pentachlorobenzene	6.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	131-11-3	Dimethyl phthalate	6.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	82-68-8	Pentachloronitrobenzene	6.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	106-50-3	p-Phenylenediamine	170	UG_KG	0	710	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	132-64-9	Dibenzofuran	4.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	95-94-3	1,2,4,5-Tetrachlorobenzene	6.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	58-90-2	2,3,4,6-Tetrachlorophenol	4.5	UG_KG	0	36	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	5	7	N	78SB16-03	EXPLO	99-35-4	1,3,5-Trinitrobenzene	18	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	191-24-2	Benzo(g,h,i)perylene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	87-65-0	2,6-Dichlorophenol	6.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	193-39-5	Indeno(1,2,3-cd)pyrene	1.3	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	205-99-2	Benzo(b)fluoranthene	0.82	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	92-67-1	4-Aminobiphenyl	14	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	m&pCRESOL	3- and 4-Methylphenol	7.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	109-06-8	2-Picoline	13	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	122-09-8	a,a-Dimethylphenethylamine	63	UG_KG	0	7200	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	56-49-5	3-Methylcholanthrene	6.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	206-44-0	Fluoranthene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	57-97-6	7,12-Dimethylbenz(a)anthracene	10	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	60-11-7	p-Dimethylaminoazobenzene	7.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	62-44-2	Phenacetin	5.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	62-50-0	Ethyl methanesulfonate	12	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	66-27-3	Methyl methanesulfonate	10	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	101-55-3	4-Bromophenyl-phenylether	7.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	207-08-9	Benzo(k)fluoranthene	1.1	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	99-09-2	3-Nitroaniline	4.8	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	100-01-6	4-Nitroaniline	8.3	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	208-96-8	Acenaphthylene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	218-01-9	Chrysene	0.66	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	298-00-0	Methyl parathion	3.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	298-04-4	Disulfoton	6.3	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	130-15-4	1,4-Naphthoquinone	4.2	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	53-96-3	2-Acetylaminofluorene	5.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	91-59-8	2-Naphthylamine	22	UG_KG	0	71	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	56-57-5	4-Nitroquinoline-1-oxide	12	UG_KG	0	360	R	--
5/30/2008	SB	5	7	N	78SB16-03	SVOA	140-57-8	Aramite	12	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	HERB	2303-16-4	Diallate	10	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	60-51-5	Dimethoate	3.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	52-85-7	Famphur	3.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	1888-71-7	Hexachloropropene	7.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	120-58-1	Isosafrole	7.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	91-80-5	Methapyrilene	10	UG_KG	0	7200	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	59-89-2	N-Nitrosomorpholine	7.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	100-75-4	N-Nitrosopiperidine	9.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	126-68-1	O,O,O-Triethyl phosphorothioate	17	UG_KG	0	71	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	298-02-2	Phorate	8.8	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	23950-58-5	Pronamide	9.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	94-59-7	Safrole	8.9	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	100-51-6	Benzyl alcohol	8.6	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	50-32-8	Benzo(a)pyrene	0.71	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	51-28-5	2,4-Dinitrophenol	89	UG_KG	0	360	UJ	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	53-70-3	Dibenz(a,h)anthracene	0.63	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	534-52-1	4,6-Dinitro-2-methylphenol	6.2	UG_KG	0	180	U	N
5/30/2008	SB	5	7	N	78SB16-03	VOA	541-73-1	1,3-Dichlorobenzene	6.5	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	56-55-3	Benzo(a)anthracene	1.8	UG_KG	0	7.2	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	59-50-7	4-Chloro-3-methylphenol	8.1	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	606-20-2	2,6-Dinitrotoluene	6.7	UG_KG	0	36	U	N
5/30/2008	SB	5	7	N	78SB16-03	SVOA	621-64-7	n-Nitroso-di-n-propylamine	7	UG_KG	0	36	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	3689-24-5	Sulfotepp	9.6	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	3689-24-5	Sulfotepp	200	UG_KG	0	740	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	37	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	3689-24-5	Sulfotepp	9.6	UG_KG	0	35	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	3689-24-5	Sulfotepp	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	3689-24-5	Sulfotepp	9.8	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	40	U	N
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	3689-24-5	Sulfotepp	9.9	UG_KG	0	36	U	N
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	3689-24-5	Sulfotepp	220	UG_KG	0	800	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	3689-24-5	Sulfotepp	9.7	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	3689-24-5	Sulfotepp	9.6	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	3689-24-5	Sulfotepp	9.7	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	3689-24-5	Sulfotepp	12	UG_KG	0	43	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	40	U	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	38	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	37	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	38	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	3689-24-5	Sulfotepp	12	UG_KG	0	44	U	N
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	3689-24-5	Sulfotepp	13	UG_KG	0	47	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	37	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	3689-24-5	Sulfotepp	9.9	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	3689-24-5	Sulfotepp	9.6	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	3689-24-5	Sulfotepp	9.9	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	39	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	3689-24-5	Sulfotepp	9.5	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	3689-24-5	Sulfotepp	9.9	UG_KG	0	36	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	3689-24-5	Sulfotepp	13	UG_KG	0	48	U	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	41	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	3689-24-5	Sulfotepp	9.4	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	3689-24-5	Sulfotepp	9.6	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	3689-24-5	Sulfotepp	9.7	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	3689-24-5	Sulfotepp	12	UG_KG	0	44	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	3689-24-5	Sulfotepp	9.9	UG_KG	0	36	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	3689-24-5	Sulfotepp	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	38	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	3689-24-5	Sulfotepp	9.4	UG_KG	0	34	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	3689-24-5	Sulfotepp	12	UG_KG	0	43	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	3689-24-5	Sulfotepp	10	UG_KG	0	37	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	3689-24-5	Sulfotepp	9.7	UG_KG	0	36	U	N
5/31/2008	SS	0	1	FD	78SB01-00D	PEST/PCB	297-97-2	Thionazin	9.8	UG_KG	0	35	UJ	N
5/31/2008	SS	0	1	N	78SB01-00	PEST/PCB	297-97-2	Thionazin	210	UG_KG	0	740	UJ	N
5/31/2008	SB	1	3	N	78SB01-01	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	37	U	N
5/31/2008	SB	5	7	FD	78SB01-03D	PEST/PCB	297-97-2	Thionazin	9.8	UG_KG	0	35	U	N
5/31/2008	SB	5	7	N	78SB01-03	PEST/PCB	297-97-2	Thionazin	12	UG_KG	0	43	U	N
5/30/2008	SS	0	1	N	78SB02-00	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	36	U	N
5/30/2008	SB	1	3	N	78SB02-01	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	40	U	N

Sample Date	Sample Matrix	Sample Beginning Depth (feet)	Sample Ending Depth (feet)	Sample Type Code	Sample Name	Analytical Group	CAS Number	Analyte Name	Result Value	Result Units	Method Detection Limit	Reporting Limit	Result Flag	Detection
5/30/2008	SB	5	7	N	78SB02-03	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	36	U	N
5/31/2008	SS	0	1	N	78SB03-00	PEST/PCB	297-97-2	Thionazin	220	UG_KG	0	800	U	N
5/31/2008	SB	1	3	FD	78SB03-01D	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	37	U	N
5/31/2008	SB	1	3	N	78SB03-01	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	37	U	N
5/31/2008	SB	3	5	N	78SB03-02	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	37	U	N
5/30/2008	SS	0	1	N	78SB04-00	PEST/PCB	297-97-2	Thionazin	9.9	UG_KG	0	35	U	N
5/30/2008	SB	1	3	N	78SB04-01	PEST/PCB	297-97-2	Thionazin	9.8	UG_KG	0	35	U	N
5/30/2008	SB	3	5	N	78SB04-02	PEST/PCB	297-97-2	Thionazin	9.9	UG_KG	0	35	U	N
5/30/2008	SS	0	1	N	78SB05-00	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB05-01	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	39	U	N
5/30/2008	SS	0	1	N	78SB06-00	PEST/PCB	297-97-2	Thionazin	12	UG_KG	0	43	U	N
5/30/2008	SB	1	3	N	78SB06-01	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	40	U	N
5/30/2008	SB	3	5	N	78SB06-02	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	38	UJ	N
5/30/2008	SS	0	1	N	78SB07-00	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	37	U	N
5/30/2008	SB	1	3	N	78SB07-01	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	37	U	N
5/30/2008	SB	3	5	N	78SB07-02	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	38	U	N
5/30/2008	SS	0	1	FD	78SB08-00D	PEST/PCB	297-97-2	Thionazin	12	UG_KG	0	44	U	N
5/30/2008	SS	0	1	N	78SB08-00	PEST/PCB	297-97-2	Thionazin	13	UG_KG	0	47	U	N
5/30/2008	SB	1	3	N	78SB08-01	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	39	U	N
5/30/2008	SB	3	5	N	78SB08-02	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	39	U	N
5/29/2008	SS	0	1	N	78SB09-00	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	37	U	N
5/29/2008	SB	1	3	N	78SB09-01	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	36	U	N
5/29/2008	SB	5	7	N	78SB09-03	PEST/PCB	297-97-2	Thionazin	9.8	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB10-00	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	36	U	N
5/29/2008	SB	1	3	N	78SB10-01	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	39	U	N
5/29/2008	SB	3	5	N	78SB10-02	PEST/PCB	297-97-2	Thionazin	9.7	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB11-00	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	36	UJ	N
5/29/2008	SB	5	7	FD	78SB11-03D	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	39	U	N
5/29/2008	SB	5	7	N	78SB11-03	PEST/PCB	297-97-2	Thionazin	13	UG_KG	0	48	U	N
5/29/2008	SB	9	11	N	78SB11-05	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	37	UJ	N
5/29/2008	SS	0	1	N	78SB12-00	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	41	U	N
5/29/2008	SB	3	5	N	78SB12-02	PEST/PCB	297-97-2	Thionazin	9.6	UG_KG	0	35	U	N
5/29/2008	SB	5	7	N	78SB12-03	PEST/PCB	297-97-2	Thionazin	9.8	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB13-00	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	39	U	N
5/29/2008	SB	1	3	N	78SB13-01	PEST/PCB	297-97-2	Thionazin	9.9	UG_KG	0	35	U	N
5/29/2008	SS	0	1	N	78SB14-00	PEST/PCB	297-97-2	Thionazin	12	UG_KG	0	44	UJ	N
5/29/2008	SB	3	5	N	78SB14-02	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	36	UJ	N
5/30/2008	SS	0	1	N	78SB15-00	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	39	U	N
5/30/2008	SB	1	3	N	78SB15-01	PEST/PCB	297-97-2	Thionazin	11	UG_KG	0	38	U	N
5/30/2008	SB	5	7	N	78SB15-03	PEST/PCB	297-97-2	Thionazin	9.6	UG_KG	0	34	U	N
5/30/2008	SS	0	1	N	78SB16-00	PEST/PCB	297-97-2	Thionazin	12	UG_KG	0	43	U	N
5/30/2008	SB	1	3	N	78SB16-01	PEST/PCB	297-97-2	Thionazin	10	UG_KG	0	37	U	N
5/30/2008	SB	5	7	N	78SB16-03	PEST/PCB	297-97-2	Thionazin	9.9	UG_KG	0	36	U	N

Attachment 5
ProUCL Output

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
5	UCL Statistics for Data Sets with Non-Detects											
6												
7				User Selected Options								
8				Date/Time of Computation	8/21/2014 12:17:38 PM							
9				From File	ProUCL_input.xls							
10				Full Precision	OFF							
11				Confidence Coefficient	95%							
12				Number of Bootstrap Operations	2000							
13												
14	Benzo(a)anthracene											
15												
16	General Statistics											
17					Total Number of Observations	53			Number of Distinct Observations			34
18					Number of Detects	19			Number of Non-Detects			34
19					Number of Distinct Detects	19			Number of Distinct Non-Detects			17
20					Minimum Detect	2.9			Minimum Non-Detect			1.8
21					Maximum Detect	167			Maximum Non-Detect			41
22					Variance Detects	1872			Percent Non-Detects			64.15%
23					Mean Detects	34.26			SD Detects			43.27
24					Median Detects	18.4			CV Detects			1.263
25					Skewness Detects	1.961			Kurtosis Detects			3.975
26					Mean of Logged Detects	2.834			SD of Logged Detects			1.228
27												
28	Normal GOF Test on Detects Only											
29					Shapiro Wilk Test Statistic	0.737			Shapiro Wilk GOF Test			
30					5% Shapiro Wilk Critical Value	0.901			Detected Data Not Normal at 5% Significance Level			
31					Lilliefors Test Statistic	0.248			Lilliefors GOF Test			
32					5% Lilliefors Critical Value	0.203			Detected Data Not Normal at 5% Significance Level			
33	Detected Data Not Normal at 5% Significance Level											
34												
35	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
36					Mean	13.54			Standard Error of Mean			4.182
37					SD	29.61			95% KM (BCA) UCL			21.2
38					95% KM (t) UCL	20.54			95% KM (Percentile Bootstrap) UCL			20.69
39					95% KM (z) UCL	20.42			95% KM Bootstrap t UCL			25.75
40					90% KM Chebyshev UCL	26.09			95% KM Chebyshev UCL			31.77
41					97.5% KM Chebyshev UCL	39.66			99% KM Chebyshev UCL			55.15
42												
43	Gamma GOF Tests on Detected Observations Only											
44					A-D Test Statistic	0.752			Anderson-Darling GOF Test			
45					5% A-D Critical Value	0.775			Detected data appear Gamma Distributed at 5% Significance Level			
46					K-S Test Statistic	0.201			Kolmogrov-Smirnoff GOF			
47					5% K-S Critical Value	0.205			Detected data appear Gamma Distributed at 5% Significance Level			
48	Detected data appear Gamma Distributed at 5% Significance Level											
49												
50	Gamma Statistics on Detected Data Only											
51					k hat (MLE)	0.842			k star (bias corrected MLE)			0.744
52					Theta hat (MLE)	40.7			Theta star (bias corrected MLE)			46.05
53					nu hat (MLE)	31.99			nu star (bias corrected)			28.27
54					MLE Mean (bias corrected)	34.26			MLE Sd (bias corrected)			39.72
55												
56	Gamma Kaplan-Meier (KM) Statistics											
57					k hat (KM)	0.209			nu hat (KM)			22.16
58					Approximate Chi Square Value (22.16, α)	12.46			Adjusted Chi Square Value (22.16, β)			12.25
59					95% Gamma Approximate KM-UCL (use when n>=50)	24.08			95% Gamma Adjusted KM-UCL (use when n<50)			24.49
60												
61	Gamma ROS Statistics using Imputed Non-Detects											
62	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
63	GROS may not be used when kstar of detected data is small such as < 0.1											
64	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
65	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
66					Minimum	0.01			Mean			12.29
67					Maximum	167			Median			0.01

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
68					SD	30.38					CV	2.472
69					k hat (MLE)	0.17					k star (bias corrected MLE)	0.173
70					Theta hat (MLE)	72.42					Theta star (bias corrected MLE)	71.17
71					nu hat (MLE)	17.99					nu star (bias corrected)	18.3
72					MLE Mean (bias corrected)	12.29					MLE Sd (bias corrected)	29.57
73											Adjusted Level of Significance (β)	0.0455
74					Approximate Chi Square Value (18.30, α)	9.611					Adjusted Chi Square Value (18.30, β)	9.434
75					95% Gamma Approximate UCL (use when n>=50)	23.4					95% Gamma Adjusted UCL (use when n<50)	23.84
76												
77	Lognormal GOF Test on Detected Observations Only											
78					Shapiro Wilk Test Statistic	0.935	Shapiro Wilk GOF Test					
79					5% Shapiro Wilk Critical Value	0.901	Detected Data appear Lognormal at 5% Significance Level					
80					Lilliefors Test Statistic	0.167	Lilliefors GOF Test					
81					5% Lilliefors Critical Value	0.203	Detected Data appear Lognormal at 5% Significance Level					
82	Detected Data appear Lognormal at 5% Significance Level											
83												
84	Lognormal ROS Statistics Using Imputed Non-Detects											
85					Mean in Original Scale	12.71					Mean in Log Scale	0.553
86					SD in Original Scale	30.21					SD in Log Scale	2.006
87					95% t UCL (assumes normality of ROS data)	19.66					95% Percentile Bootstrap UCL	19.76
88					95% BCA Bootstrap UCL	21.69					95% Bootstrap t UCL	24.3
89					95% H-UCL (Log ROS)	35.59						
90												
91	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
92					KM Mean (logged)	1.417					95% H-UCL (KM -Log)	15.33
93					KM SD (logged)	1.29					95% Critical H Value (KM-Log)	2.691
94					KM Standard Error of Mean (logged)	0.184						
95												
96	DL/2 Statistics											
97					DL/2 Normal		DL/2 Log-Transformed					
98					Mean in Original Scale	13.6					Mean in Log Scale	1.26
99					SD in Original Scale	29.97					SD in Log Scale	1.48
100					95% t UCL (Assumes normality)	20.49					95% H-Stat UCL	19.23
101	DL/2 is not a recommended method, provided for comparisons and historical reasons											
102												
103	Nonparametric Distribution Free UCL Statistics											
104	Detected Data appear Gamma Distributed at 5% Significance Level											
105												
106	Suggested UCL to Use											
107					95% KM (t) UCL	20.54					95% GROS Approximate Gamma UCL	23.4
108					95% Approximate Gamma KM-UCL	24.08						
109												
110	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
111	Recommendations are based upon data size, data distribution, and skewness.											
112	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
113	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
114												
115	Benzo(a)pyrene											
116												
117	General Statistics											
118					Total Number of Observations	53					Number of Distinct Observations	44
119					Number of Detects	23					Number of Non-Detects	30
120					Number of Distinct Detects	23					Number of Distinct Non-Detects	22
121					Minimum Detect	0.99					Minimum Non-Detect	0.7
122					Maximum Detect	140					Maximum Non-Detect	5.8
123					Variance Detects	1715					Percent Non-Detects	56.6%
124					Mean Detects	35.44					SD Detects	41.42
125					Median Detects	16.7					CV Detects	1.169
126					Skewness Detects	1.371					Kurtosis Detects	0.77
127					Mean of Logged Detects	2.739					SD of Logged Detects	1.493
128												
129	Normal GOF Test on Detects Only											
130					Shapiro Wilk Test Statistic	0.79	Shapiro Wilk GOF Test					

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
131	5% Shapiro Wilk Critical Value					0.914	Detected Data Not Normal at 5% Significance Level					
132	Lilliefors Test Statistic					0.25	**Lilliefors GOF Test**					
133	5% Lilliefors Critical Value					0.185	Detected Data Not Normal at 5% Significance Level					
134	**Detected Data Not Normal at 5% Significance Level**											
135												
136	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
137	Mean					15.84	Standard Error of Mean					4.456
138	SD					31.72	95% KM (BCA) UCL					23.4
139	95% KM (t) UCL					23.3	95% KM (Percentile Bootstrap) UCL					23.82
140	95% KM (z) UCL					23.17	95% KM Bootstrap t UCL					26.06
141	90% KM Chebyshev UCL					29.21	95% KM Chebyshev UCL					35.27
142	97.5% KM Chebyshev UCL					43.67	99% KM Chebyshev UCL					60.18
143												
144	**Gamma GOF Tests on Detected Observations Only**											
145	A-D Test Statistic					0.319	**Anderson-Darling GOF Test**					
146	5% A-D Critical Value					0.784	Detected data appear Gamma Distributed at 5% Significance Level					
147	K-S Test Statistic					0.118	**Kolmogrov-Smirnoff GOF**					
148	5% K-S Critical Value					0.189	Detected data appear Gamma Distributed at 5% Significance Level					
149	**Detected data appear Gamma Distributed at 5% Significance Level**											
150												
151	**Gamma Statistics on Detected Data Only**											
152	k hat (MLE)					0.726	k star (bias corrected MLE)					0.66
153	Theta hat (MLE)					48.81	Theta star (bias corrected MLE)					53.67
154	nu hat (MLE)					33.4	nu star (bias corrected)					30.37
155	MLE Mean (bias corrected)					35.44	MLE Sd (bias corrected)					43.61
156												
157	**Gamma Kaplan-Meier (KM) Statistics**											
158	k hat (KM)					0.249	nu hat (KM)					26.43
159	Approximate Chi Square Value (26.43, α)					15.71	Adjusted Chi Square Value (26.43, β)					15.48
160	95% Gamma Approximate KM-UCL (use when n>=50)					26.65	95% Gamma Adjusted KM-UCL (use when n<50)					27.05
161												
162	**Gamma ROS Statistics using Imputed Non-Detects**											
163	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
164	GROS may not be used when kstar of detected data is small such as < 0.1											
165	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
166	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
167	Minimum					0.01	Mean					15.38
168	Maximum					140	Median					0.01
169	SD					32.25	CV					2.096
170	k hat (MLE)					0.18	k star (bias corrected MLE)					0.183
171	Theta hat (MLE)					85.39	Theta star (bias corrected MLE)					84.27
172	nu hat (MLE)					19.1	nu star (bias corrected)					19.35
173	MLE Mean (bias corrected)					15.38	MLE Sd (bias corrected)					36.01
174							Adjusted Level of Significance (β)					0.0455
175	Approximate Chi Square Value (19.35, α)					10.37	Adjusted Chi Square Value (19.35, β)					10.19
176	95% Gamma Approximate UCL (use when n>=50)					28.7	95% Gamma Adjusted UCL (use when n<50)					29.22
177												
178	**Lognormal GOF Test on Detected Observations Only**											
179	Shapiro Wilk Test Statistic					0.954	**Shapiro Wilk GOF Test**					
180	5% Shapiro Wilk Critical Value					0.914	Detected Data appear Lognormal at 5% Significance Level					
181	Lilliefors Test Statistic					0.0856	**Lilliefors GOF Test**					
182	5% Lilliefors Critical Value					0.185	Detected Data appear Lognormal at 5% Significance Level					
183	**Detected Data appear Lognormal at 5% Significance Level**											
184												
185	**Lognormal ROS Statistics Using Imputed Non-Detects**											
186	Mean in Original Scale					15.61	Mean in Log Scale					0.569
187	SD in Original Scale					32.14	SD in Log Scale					2.214
188	95% t UCL (assumes normality of ROS data)					23	95% Percentile Bootstrap UCL					23.04
189	95% BCA Bootstrap UCL					24.81	95% Bootstrap t UCL					25.71
190	95% H-UCL (Log ROS)					68.43						
191												
192	**UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed**											
193	KM Mean (logged)					1.035	95% H-UCL (KM -Log)					31.94

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
194	KM SD (logged)					1.79	95% Critical H Value (KM-Log)					3.328
195	KM Standard Error of Mean (logged)					0.254						
196												
197	DL/2 Statistics											
198	DL/2 Normal						DL/2 Log-Transformed					
199	Mean in Original Scale					16.05	Mean in Log Scale					1.05
200	SD in Original Scale					31.94	SD in Log Scale					1.912
201	95% t UCL (Assumes normality)					23.39	95% H-Stat UCL					44.82
202	DL/2 is not a recommended method, provided for comparisons and historical reasons											
203												
204	Nonparametric Distribution Free UCL Statistics											
205	Detected Data appear Gamma Distributed at 5% Significance Level											
206												
207	Suggested UCL to Use											
208	95% KM (t) UCL					23.3	95% GROS Approximate Gamma UCL					28.7
209	95% Approximate Gamma KM-UCL					26.65						
210												
211	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
212	Recommendations are based upon data size, data distribution, and skewness.											
213	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
214	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
215												
216	Benzo(b)fluoranthene											
217												
218	General Statistics											
219	Total Number of Observations					54	Number of Distinct Observations					46
220	Number of Detects					24	Number of Non-Detects					30
221	Number of Distinct Detects					24	Number of Distinct Non-Detects					22
222	Minimum Detect					1.6	Minimum Non-Detect					0.81
223	Maximum Detect					185	Maximum Non-Detect					5.8
224	Variance Detects					2831	Percent Non-Detects					55.56%
225	Mean Detects					44.85	SD Detects					53.2
226	Median Detects					22.6	CV Detects					1.186
227	Skewness Detects					1.533	Kurtosis Detects					1.436
228	Mean of Logged Detects					3.056	SD of Logged Detects					1.355
229												
230	Normal GOF Test on Detects Only											
231	Shapiro Wilk Test Statistic					0.773	Shapiro Wilk GOF Test					
232	5% Shapiro Wilk Critical Value					0.916	Detected Data Not Normal at 5% Significance Level					
233	Lilliefors Test Statistic					0.272	Lilliefors GOF Test					
234	5% Lilliefors Critical Value					0.181	Detected Data Not Normal at 5% Significance Level					
235	Detected Data Not Normal at 5% Significance Level											
236												
237	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
238	Mean					20.45	Standard Error of Mean					5.701
239	SD					41.01	95% KM (BCA) UCL					30.61
240	95% KM (t) UCL					30	95% KM (Percentile Bootstrap) UCL					30.2
241	95% KM (z) UCL					29.83	95% KM Bootstrap t UCL					32.6
242	90% KM Chebyshev UCL					37.56	95% KM Chebyshev UCL					45.3
243	97.5% KM Chebyshev UCL					56.06	99% KM Chebyshev UCL					77.18
244												
245	Gamma GOF Tests on Detected Observations Only											
246	A-D Test Statistic					0.42	Anderson-Darling GOF Test					
247	5% A-D Critical Value					0.781	Detected data appear Gamma Distributed at 5% Significance Level					
248	K-S Test Statistic					0.139	Kolmogrov-Smirnoff GOF					
249	5% K-S Critical Value					0.185	Detected data appear Gamma Distributed at 5% Significance Level					
250	Detected data appear Gamma Distributed at 5% Significance Level											
251												
252	Gamma Statistics on Detected Data Only											
253	k hat (MLE)					0.794	k star (bias corrected MLE)					0.723
254	Theta hat (MLE)					56.45	Theta star (bias corrected MLE)					62.03
255	nu hat (MLE)					38.14	nu star (bias corrected)					34.7
256	MLE Mean (bias corrected)					44.85	MLE Sd (bias corrected)					52.74

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
257												
258	Gamma Kaplan-Meier (KM) Statistics											
259					k hat (KM)	0.249				nu hat (KM)		26.87
260					Approximate Chi Square Value (26.87, α)	16.05				Adjusted Chi Square Value (26.87, β)		15.82
261					95% Gamma Approximate KM-UCL (use when n>=50)	34.24				95% Gamma Adjusted KM-UCL (use when n<50)		34.74
262												
263	Gamma ROS Statistics using Imputed Non-Detects											
264	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
265	GROS may not be used when kstar of detected data is small such as < 0.1											
266	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
267	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
268					Minimum	0.01				Mean		19.94
269					Maximum	185				Median		0.01
270					SD	41.64				CV		2.089
271					k hat (MLE)	0.179				k star (bias corrected MLE)		0.181
272					Theta hat (MLE)	111.6				Theta star (bias corrected MLE)		110.1
273					nu hat (MLE)	19.29				nu star (bias corrected)		19.55
274					MLE Mean (bias corrected)	19.94				MLE Sd (bias corrected)		46.86
275										Adjusted Level of Significance (β)		0.0456
276					Approximate Chi Square Value (19.55, α)	10.52				Adjusted Chi Square Value (19.55, β)		10.34
277					95% Gamma Approximate UCL (use when n>=50)	37.05				95% Gamma Adjusted UCL (use when n<50)		37.7
278												
279	Lognormal GOF Test on Detected Observations Only											
280					Shapiro Wilk Test Statistic	0.97	Shapiro Wilk GOF Test					
281					5% Shapiro Wilk Critical Value	0.916	Detected Data appear Lognormal at 5% Significance Level					
282					Lilliefors Test Statistic	0.079	Lilliefors GOF Test					
283					5% Lilliefors Critical Value	0.181	Detected Data appear Lognormal at 5% Significance Level					
284	Detected Data appear Lognormal at 5% Significance Level											
285												
286	Lognormal ROS Statistics Using Imputed Non-Detects											
287					Mean in Original Scale	20.32				Mean in Log Scale		1.07
288					SD in Original Scale	41.46				SD in Log Scale		2.055
289					95% t UCL (assumes normality of ROS data)	29.76				95% Percentile Bootstrap UCL		30.04
290					95% BCA Bootstrap UCL	32.6				95% Bootstrap t UCL		34.68
291					95% H-UCL (Log ROS)	69.06						
292												
293	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
294					KM Mean (logged)	1.283				95% H-UCL (KM -Log)		45.42
295					KM SD (logged)	1.83				95% Critical H Value (KM-Log)		3.419
296					KM Standard Error of Mean (logged)	0.257						
297												
298	DL/2 Statistics											
299					DL/2 Normal		DL/2 Log-Transformed					
300					Mean in Original Scale	20.57				Mean in Log Scale		1.24
301					SD in Original Scale	41.34				SD in Log Scale		1.967
302					95% t UCL (Assumes normality)	29.99				95% H-Stat UCL		63.43
303	DL/2 is not a recommended method, provided for comparisons and historical reasons											
304												
305	Nonparametric Distribution Free UCL Statistics											
306	Detected Data appear Gamma Distributed at 5% Significance Level											
307												
308	Suggested UCL to Use											
309					95% KM (t) UCL	30				95% GROS Approximate Gamma UCL		37.05
310					95% Approximate Gamma KM-UCL	34.24						
311												
312	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
313	Recommendations are based upon data size, data distribution, and skewness.											
314	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
315	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
316												
317	Dibenz(a,h)anthracene											
318												
319	General Statistics											

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
320	Total Number of Observations					53	Number of Distinct Observations					40
321	Number of Detects					17	Number of Non-Detects					36
322	Number of Distinct Detects					16	Number of Distinct Non-Detects					24
323	Minimum Detect					1.1	Minimum Non-Detect					0.63
324	Maximum Detect					34.4	Maximum Non-Detect					8.9
325	Variance Detects					92.19	Percent Non-Detects					67.92%
326	Mean Detects					9.726	SD Detects					9.601
327	Median Detects					5.58	CV Detects					0.987
328	Skewness Detects					1.636	Kurtosis Detects					1.707
329	Mean of Logged Detects					1.89	SD of Logged Detects					0.891
330												
331	Normal GOF Test on Detects Only											
332	Shapiro Wilk Test Statistic					0.747	Shapiro Wilk GOF Test					
333	5% Shapiro Wilk Critical Value					0.892	Detected Data Not Normal at 5% Significance Level					
334	Lilliefors Test Statistic					0.314	Lilliefors GOF Test					
335	5% Lilliefors Critical Value					0.215	Detected Data Not Normal at 5% Significance Level					
336	Detected Data Not Normal at 5% Significance Level											
337												
338	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
339	Mean					3.683	Standard Error of Mean					0.96
340	SD					6.746	95% KM (BCA) UCL					5.322
341	95% KM (t) UCL					5.291	95% KM (Percentile Bootstrap) UCL					5.314
342	95% KM (z) UCL					5.263	95% KM Bootstrap t UCL					6.203
343	90% KM Chebyshev UCL					6.564	95% KM Chebyshev UCL					7.869
344	97.5% KM Chebyshev UCL					9.68	99% KM Chebyshev UCL					13.24
345												
346	Gamma GOF Tests on Detected Observations Only											
347	A-D Test Statistic					0.937	Anderson-Darling GOF Test					
348	5% A-D Critical Value					0.757	Detected Data Not Gamma Distributed at 5% Significance Level					
349	K-S Test Statistic					0.259	Kolmogrov-Smirnoff GOF					
350	5% K-S Critical Value					0.213	Detected Data Not Gamma Distributed at 5% Significance Level					
351	Detected Data Not Gamma Distributed at 5% Significance Level											
352												
353	Gamma Statistics on Detected Data Only											
354	k hat (MLE)					1.445	k star (bias corrected MLE)					1.229
355	Theta hat (MLE)					6.731	Theta star (bias corrected MLE)					7.913
356	nu hat (MLE)					49.13	nu star (bias corrected)					41.79
357	MLE Mean (bias corrected)					9.726	MLE Sd (bias corrected)					8.773
358												
359	Gamma Kaplan-Meier (KM) Statistics											
360	k hat (KM)					0.298	nu hat (KM)					31.6
361	Approximate Chi Square Value (31.60, α)					19.75	Adjusted Chi Square Value (31.60, β)					19.49
362	95% Gamma Approximate KM-UCL (use when n>=50)					5.892	95% Gamma Adjusted KM-UCL (use when n<50)					5.971
363												
364	Gamma ROS Statistics using Imputed Non-Detects											
365	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
366	GROS may not be used when kstar of detected data is small such as < 0.1											
367	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
368	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
369	Minimum					0.01	Mean					3.126
370	Maximum					34.4	Median					0.01
371	SD					7.023	CV					2.246
372	k hat (MLE)					0.201	k star (bias corrected MLE)					0.202
373	Theta hat (MLE)					15.57	Theta star (bias corrected MLE)					15.47
374	nu hat (MLE)					21.29	nu star (bias corrected)					21.42
375	MLE Mean (bias corrected)					3.126	MLE Sd (bias corrected)					6.955
376							Adjusted Level of Significance (β)					0.0455
377	Approximate Chi Square Value (21.42, α)					11.9	Adjusted Chi Square Value (21.42, β)					11.7
378	95% Gamma Approximate UCL (use when n>=50)					5.626	95% Gamma Adjusted UCL (use when n<50)					5.721
379												
380	Lognormal GOF Test on Detected Observations Only											
381	Shapiro Wilk Test Statistic					0.942	Shapiro Wilk GOF Test					
382	5% Shapiro Wilk Critical Value					0.892	Detected Data appear Lognormal at 5% Significance Level					

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
383					Lilliefors Test Statistic	0.207	Lilliefors GOF Test					
384					5% Lilliefors Critical Value	0.215	Detected Data appear Lognormal at 5% Significance Level					
385	Detected Data appear Lognormal at 5% Significance Level											
386												
387	Lognormal ROS Statistics Using Imputed Non-Detects											
388					Mean in Original Scale	3.542				Mean in Log Scale		0.208
389					SD in Original Scale	6.842				SD in Log Scale		1.337
390					95% t UCL (assumes normality of ROS data)	5.116				95% Percentile Bootstrap UCL		5.149
391					95% BCA Bootstrap UCL	5.501				95% Bootstrap t UCL		6.175
392					95% H-UCL (Log ROS)	5.008						
393												
394	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
395					KM Mean (logged)	0.37				95% H-UCL (KM -Log)		4.619
396					KM SD (logged)	1.207				95% Critical H Value (KM-Log)		2.579
397					KM Standard Error of Mean (logged)	0.179						
398												
399	DL/2 Statistics											
400			DL/2 Normal				DL/2 Log-Transformed					
401					Mean in Original Scale	3.894				Mean in Log Scale		0.365
402					SD in Original Scale	6.753				SD in Log Scale		1.417
403					95% t UCL (Assumes normality)	5.448				95% H-Stat UCL		6.889
404	DL/2 is not a recommended method, provided for comparisons and historical reasons											
405												
406	Nonparametric Distribution Free UCL Statistics											
407	Detected Data appear Lognormal Distributed at 5% Significance Level											
408												
409	Suggested UCL to Use											
410					95% KM (t) UCL	5.291				95% KM (% Bootstrap) UCL		5.314
411												
412	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
413	Recommendations are based upon data size, data distribution, and skewness.											
414	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
415	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
416												
417	Antimony											
418												
419	General Statistics											
420					Total Number of Observations	29				Number of Distinct Observations		25
421					Number of Detects	6				Number of Non-Detects		23
422					Number of Distinct Detects	6				Number of Distinct Non-Detects		19
423					Minimum Detect	0.33				Minimum Non-Detect		0.072
424					Maximum Detect	4				Maximum Non-Detect		0.4
425					Variance Detects	2.39				Percent Non-Detects		79.31%
426					Mean Detects	1.657				SD Detects		1.546
427					Median Detects	0.88				CV Detects		0.933
428					Skewness Detects	0.976				Kurtosis Detects		-1.221
429					Mean of Logged Detects	0.115				SD of Logged Detects		0.979
430												
431	Normal GOF Test on Detects Only											
432					Shapiro Wilk Test Statistic	0.812	Shapiro Wilk GOF Test					
433					5% Shapiro Wilk Critical Value	0.788	Detected Data appear Normal at 5% Significance Level					
434					Lilliefors Test Statistic	0.307	Lilliefors GOF Test					
435					5% Lilliefors Critical Value	0.362	Detected Data appear Normal at 5% Significance Level					
436	Detected Data appear Normal at 5% Significance Level											
437												
438	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
439					Mean	0.401				Standard Error of Mean		0.185
440					SD	0.908				95% KM (BCA) UCL		0.709
441					95% KM (t) UCL	0.715				95% KM (Percentile Bootstrap) UCL		0.7
442					95% KM (z) UCL	0.704				95% KM Bootstrap t UCL		1.047
443					90% KM Chebyshev UCL	0.955				95% KM Chebyshev UCL		1.206
444					97.5% KM Chebyshev UCL	1.554				99% KM Chebyshev UCL		2.238
445												

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
446	Gamma GOF Tests on Detected Observations Only											
447	A-D Test Statistic					0.453	Anderson-Darling GOF Test					
448	5% A-D Critical Value					0.709	Detected data appear Gamma Distributed at 5% Significance Level					
449	K-S Test Statistic					0.244	Kolmogrov-Smirnoff GOF					
450	5% K-S Critical Value					0.338	Detected data appear Gamma Distributed at 5% Significance Level					
451	Detected data appear Gamma Distributed at 5% Significance Level											
452												
453	Gamma Statistics on Detected Data Only											
454	k hat (MLE)					1.426	k star (bias corrected MLE)					0.824
455	Theta hat (MLE)					1.162	Theta star (bias corrected MLE)					2.01
456	nu hat (MLE)					17.12	nu star (bias corrected)					9.891
457	MLE Mean (bias corrected)					1.657	MLE Sd (bias corrected)					1.825
458												
459	Gamma Kaplan-Meier (KM) Statistics											
460	k hat (KM)					0.195	nu hat (KM)					11.3
461	Approximate Chi Square Value (11.30, α)					4.771	Adjusted Chi Square Value (11.30, β)					4.519
462	95% Gamma Approximate KM-UCL (use when n>=50)					0.949	95% Gamma Adjusted KM-UCL (use when n<50)					1.002
463												
464	Gamma ROS Statistics using Imputed Non-Detects											
465	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
466	GROS may not be used when kstar of detected data is small such as < 0.1											
467	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
468	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
469	Minimum					0.01	Mean					0.351
470	Maximum					4	Median					0.01
471	SD					0.942	CV					2.686
472	k hat (MLE)					0.272	k star (bias corrected MLE)					0.266
473	Theta hat (MLE)					1.291	Theta star (bias corrected MLE)					1.316
474	nu hat (MLE)					15.75	nu star (bias corrected)					15.45
475	MLE Mean (bias corrected)					0.351	MLE Sd (bias corrected)					0.679
476							Adjusted Level of Significance (β)					0.0407
477	Approximate Chi Square Value (15.45, α)					7.579	Adjusted Chi Square Value (15.45, β)					7.25
478	95% Gamma Approximate UCL (use when n>=50)					0.715	95% Gamma Adjusted UCL (use when n<50)					0.748
479												
480	Lognormal GOF Test on Detected Observations Only											
481	Shapiro Wilk Test Statistic					0.917	Shapiro Wilk GOF Test					
482	5% Shapiro Wilk Critical Value					0.788	Detected Data appear Lognormal at 5% Significance Level					
483	Lilliefors Test Statistic					0.206	Lilliefors GOF Test					
484	5% Lilliefors Critical Value					0.362	Detected Data appear Lognormal at 5% Significance Level					
485	Detected Data appear Lognormal at 5% Significance Level											
486												
487	Lognormal ROS Statistics Using Imputed Non-Detects											
488	Mean in Original Scale					0.36	Mean in Log Scale					-3.142
489	SD in Original Scale					0.939	SD in Log Scale					1.809
490	95% t UCL (assumes normality of ROS data)					0.656	95% Percentile Bootstrap UCL					0.655
491	95% BCA Bootstrap UCL					0.776	95% Bootstrap t UCL					1.385
492	95% H-UCL (Log ROS)					0.764						
493												
494	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
495	KM Mean (logged)					-2.058	95% H-UCL (KM -Log)					0.472
496	KM SD (logged)					1.185	95% Critical H Value (KM-Log)					2.705
497	KM Standard Error of Mean (logged)					0.242						
498												
499	DL/2 Statistics											
500	DL/2 Normal						DL/2 Log-Transformed					
501	Mean in Original Scale					0.398	Mean in Log Scale					-2.226
502	SD in Original Scale					0.926	SD in Log Scale					1.369
503	95% t UCL (Assumes normality)					0.69	95% H-Stat UCL					0.593
504	DL/2 is not a recommended method, provided for comparisons and historical reasons											
505												
506	Nonparametric Distribution Free UCL Statistics											
507	Detected Data appear Normal Distributed at 5% Significance Level											
508												

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
509	Suggested UCL to Use											
510					95% KM (t) UCL	0.715				95% KM (Percentile Bootstrap) UCL		0.7
511												
512	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
513	Recommendations are based upon data size, data distribution, and skewness.											
514	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
515	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
516												
517	Arsenic											
518												
519	General Statistics											
520					Total Number of Observations	90				Number of Distinct Observations		84
521					Number of Detects	86				Number of Non-Detects		4
522					Number of Distinct Detects	81				Number of Distinct Non-Detects		4
523					Minimum Detect	0.16				Minimum Non-Detect		0.245
524					Maximum Detect	102				Maximum Non-Detect		0.54
525					Variance Detects	158.2				Percent Non-Detects		4.444%
526					Mean Detects	4.1				SD Detects		12.58
527					Median Detects	1.33				CV Detects		3.067
528					Skewness Detects	6.458				Kurtosis Detects		46.14
529					Mean of Logged Detects	0.4				SD of Logged Detects		1.124
530												
531	Normal GOF Test on Detects Only											
532					Shapiro Wilk Test Statistic	0.302				Normal GOF Test on Detected Observations Only		
533					5% Shapiro Wilk P Value	0				Detected Data Not Normal at 5% Significance Level		
534					Lilliefors Test Statistic	0.378				Lilliefors GOF Test		
535					5% Lilliefors Critical Value	0.0955				Detected Data Not Normal at 5% Significance Level		
536	Detected Data Not Normal at 5% Significance Level											
537												
538	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
539					Mean	3.93				Standard Error of Mean		1.299
540					SD	12.25				95% KM (BCA) UCL		6.5
541					95% KM (t) UCL	6.088				95% KM (Percentile Bootstrap) UCL		6.336
542					95% KM (z) UCL	6.066				95% KM Bootstrap t UCL		10.7
543					90% KM Chebyshev UCL	7.826				95% KM Chebyshev UCL		9.59
544					97.5% KM Chebyshev UCL	12.04				99% KM Chebyshev UCL		16.85
545												
546	Gamma GOF Tests on Detected Observations Only											
547					A-D Test Statistic	8.36				Anderson-Darling GOF Test		
548					5% A-D Critical Value	0.808				Detected Data Not Gamma Distributed at 5% Significance Level		
549					K-S Test Statistic	0.225				Kolmogrov-Smirnoff GOF		
550					5% K-S Critical Value	0.101				Detected Data Not Gamma Distributed at 5% Significance Level		
551	Detected Data Not Gamma Distributed at 5% Significance Level											
552												
553	Gamma Statistics on Detected Data Only											
554					k hat (MLE)	0.61				k star (bias corrected MLE)		0.596
555					Theta hat (MLE)	6.723				Theta star (bias corrected MLE)		6.875
556					nu hat (MLE)	104.9				nu star (bias corrected)		102.6
557					MLE Mean (bias corrected)	4.1				MLE Sd (bias corrected)		5.309
558												
559	Gamma Kaplan-Meier (KM) Statistics											
560					k hat (KM)	0.103				nu hat (KM)		18.53
561					Approximate Chi Square Value (18.53, α)	9.778				Adjusted Chi Square Value (18.53, β)		9.674
562					95% Gamma Approximate KM-UCL (use when n>=50)	7.449				95% Gamma Adjusted KM-UCL (use when n<50)		7.529
563												
564	Gamma ROS Statistics using Imputed Non-Detects											
565	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
566	GROS may not be used when kstar of detected data is small such as < 0.1											
567	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
568	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
569					Minimum	0.01				Mean		3.918
570					Maximum	102				Median		1.225
571					SD	12.32				CV		3.144

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
572					k hat (MLE)	0.53				k star (bias corrected MLE)		0.52
573					Theta hat (MLE)	7.393				Theta star (bias corrected MLE)		7.539
574					nu hat (MLE)	95.39				nu star (bias corrected)		93.55
575					MLE Mean (bias corrected)	3.918				MLE Sd (bias corrected)		5.435
576										Adjusted Level of Significance (β)		0.0473
577					Approximate Chi Square Value (93.55, α)	72.24				Adjusted Chi Square Value (93.55, β)		71.94
578					95% Gamma Approximate UCL (use when n>=50)	5.074				95% Gamma Adjusted UCL (use when n<50)		5.095
579												
580					Lognormal GOF Test on Detected Observations Only							
581					Lilliefors Test Statistic	0.103				Lilliefors GOF Test		
582					5% Lilliefors Critical Value	0.0955				Detected Data Not Lognormal at 5% Significance Level		
583					Detected Data Not Lognormal at 5% Significance Level							
584												
585					Lognormal ROS Statistics Using Imputed Non-Detects							
586					Mean in Original Scale	3.927				Mean in Log Scale		0.313
587					SD in Original Scale	12.32				SD in Log Scale		1.173
588					95% t UCL (assumes normality of ROS data)	6.085				95% Percentile Bootstrap UCL		6.189
589					95% BCA Bootstrap UCL	7.513				95% Bootstrap t UCL		10.78
590					95% H-UCL (Log ROS)	3.674						
591												
592					DL/2 Statistics							
593					DL/2 Normal					DL/2 Log-Transformed		
594					Mean in Original Scale	3.927				Mean in Log Scale		0.311
595					SD in Original Scale	12.32				SD in Log Scale		1.177
596					95% t UCL (Assumes normality)	6.085				95% H-Stat UCL		3.689
597					DL/2 is not a recommended method, provided for comparisons and historical reasons							
598												
599					Nonparametric Distribution Free UCL Statistics							
600					Data do not follow a Discernible Distribution at 5% Significance Level							
601												
602					Suggested UCL to Use							
603					95% KM (Chebyshev) UCL	9.59						
604												
605					Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.							
606					Recommendations are based upon data size, data distribution, and skewness.							
607					These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).							
608					However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.							
609												
610												
611	Chromium											
612												
613					General Statistics							
614					Total Number of Observations	88				Number of Distinct Observations		68
615										Number of Missing Observations		0
616					Minimum	5.6				Mean		24.05
617					Maximum	197				Median		18.35
618					SD	23.7				Std. Error of Mean		2.526
619					Coefficient of Variation	0.985				Skewness		5.256
620												
621					Normal GOF Test							
622					Shapiro Wilk Test Statistic	0.513				Shapiro Wilk GOF Test		
623					5% Shapiro Wilk P Value	0				Data Not Normal at 5% Significance Level		
624					Lilliefors Test Statistic	0.269				Lilliefors GOF Test		
625					5% Lilliefors Critical Value	0.0944				Data Not Normal at 5% Significance Level		
626					Data Not Normal at 5% Significance Level							
627												
628					Assuming Normal Distribution							
629					95% Normal UCL					95% UCLs (Adjusted for Skewness)		
630					95% Student's-t UCL	28.25				95% Adjusted-CLT UCL (Chen-1995)		29.72
631										95% Modified-t UCL (Johnson-1978)		28.49
632												
633					Gamma GOF Test							
634					A-D Test Statistic	4.474				Anderson-Darling Gamma GOF Test		

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
635					5% A-D Critical Value	0.761	Data Not Gamma Distributed at 5% Significance Level					
636					K-S Test Statistic	0.183	**Kolmogrov-Smirnoff Gamma GOF Test**					
637					5% K-S Critical Value	0.0962	Data Not Gamma Distributed at 5% Significance Level					
638	**Data Not Gamma Distributed at 5% Significance Level**											
639												
640	**Gamma Statistics**											
641					k hat (MLE)	2.699	k star (bias corrected MLE)					2.615
642					Theta hat (MLE)	8.911	Theta star (bias corrected MLE)					9.199
643					nu hat (MLE)	475.1	nu star (bias corrected)					460.2
644					MLE Mean (bias corrected)	24.05	MLE Sd (bias corrected)					14.87
645							Approximate Chi Square Value (0.05)					411.5
646					Adjusted Level of Significance	0.0473	Adjusted Chi Square Value					410.7
647												
648	**Assuming Gamma Distribution**											
649				95% Approximate Gamma UCL (use when n>=50))		26.9	95% Adjusted Gamma UCL (use when n<50)					26.95
650												
651	**Lognormal GOF Test**											
652					Shapiro Wilk Test Statistic	0.925	**Shapiro Wilk Lognormal GOF Test**					
653					5% Shapiro Wilk P Value	2.9423E-5	Data Not Lognormal at 5% Significance Level					
654					Lilliefors Test Statistic	0.126	**Lilliefors Lognormal GOF Test**					
655					5% Lilliefors Critical Value	0.0944	Data Not Lognormal at 5% Significance Level					
656	**Data Not Lognormal at 5% Significance Level**											
657												
658	**Lognormal Statistics**											
659					Minimum of Logged Data	1.723	Mean of logged Data					2.984
660					Maximum of Logged Data	5.283	SD of logged Data					0.548
661												
662	**Assuming Lognormal Distribution**											
663					95% H-UCL	25.64	90% Chebyshev (MVUE) UCL					27.19
664					95% Chebyshev (MVUE) UCL	29.13	97.5% Chebyshev (MVUE) UCL					31.82
665					99% Chebyshev (MVUE) UCL	37.1						
666												
667	**Nonparametric Distribution Free UCL Statistics**											
668	**Data do not follow a Discernible Distribution (0.05)**											
669												
670	**Nonparametric Distribution Free UCLs**											
671					95% CLT UCL	28.21	95% Jackknife UCL					28.25
672					95% Standard Bootstrap UCL	28.17	95% Bootstrap-t UCL					31.41
673					95% Hall's Bootstrap UCL	46.87	95% Percentile Bootstrap UCL					28.3
674					95% BCA Bootstrap UCL	30.69						
675					90% Chebyshev(Mean, Sd) UCL	31.63	95% Chebyshev(Mean, Sd) UCL					35.06
676					97.5% Chebyshev(Mean, Sd) UCL	39.83	99% Chebyshev(Mean, Sd) UCL					49.19
677												
678	**Suggested UCL to Use**											
679					95% Chebyshev (Mean, Sd) UCL	35.06						
680												
681	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
682	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
683	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
684	For additional insight the user may want to consult a statistician.											
685												
686												
687	**Cobalt**											
688												
689	**General Statistics**											
690					Total Number of Observations	90	Number of Distinct Observations					73
691							Number of Missing Observations					0
692					Minimum	7.9	Mean					22.46
693					Maximum	59.7	Median					21.25
694					SD	8.826	Std. Error of Mean					0.93
695					Coefficient of Variation	0.393	Skewness					1.369
696												
697	**Normal GOF Test**											

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
698				Shapiro Wilk Test Statistic		0.916	Shapiro Wilk GOF Test					
699				5% Shapiro Wilk P Value		3.1644E-6	Data Not Normal at 5% Significance Level					
700				Lilliefors Test Statistic		0.111	Lilliefors GOF Test					
701				5% Lilliefors Critical Value		0.0934	Data Not Normal at 5% Significance Level					
702	Data Not Normal at 5% Significance Level											
703												
704	Assuming Normal Distribution											
705	95% Normal UCL						95% UCLs (Adjusted for Skewness)					
706				95% Student's-t UCL		24	95% Adjusted-CLT UCL (Chen-1995)					24.13
707							95% Modified-t UCL (Johnson-1978)					24.02
708												
709	Gamma GOF Test											
710				A-D Test Statistic		0.484	Anderson-Darling Gamma GOF Test					
711				5% A-D Critical Value		0.753	Detected data appear Gamma Distributed at 5% Significance Level					
712				K-S Test Statistic		0.0649	Kolmogrov-Smirnoff Gamma GOF Test					
713				5% K-S Critical Value		0.0943	Detected data appear Gamma Distributed at 5% Significance Level					
714	Detected data appear Gamma Distributed at 5% Significance Level											
715												
716	Gamma Statistics											
717				k hat (MLE)		7.382	k star (bias corrected MLE)					7.143
718				Theta hat (MLE)		3.042	Theta star (bias corrected MLE)					3.144
719				nu hat (MLE)		1329	nu star (bias corrected)					1286
720				MLE Mean (bias corrected)		22.46	MLE Sd (bias corrected)					8.402
721							Approximate Chi Square Value (0.05)					1204
722				Adjusted Level of Significance		0.0473	Adjusted Chi Square Value					1202
723												
724	Assuming Gamma Distribution											
725				95% Approximate Gamma UCL (use when n>=50)		23.99	95% Adjusted Gamma UCL (use when n<50)					24.02
726												
727	Lognormal GOF Test											
728				Shapiro Wilk Test Statistic		0.99	Shapiro Wilk Lognormal GOF Test					
729				5% Shapiro Wilk P Value		0.966	Data appear Lognormal at 5% Significance Level					
730				Lilliefors Test Statistic		0.0513	Lilliefors Lognormal GOF Test					
731				5% Lilliefors Critical Value		0.0934	Data appear Lognormal at 5% Significance Level					
732	Data appear Lognormal at 5% Significance Level											
733												
734	Lognormal Statistics											
735				Minimum of Logged Data		2.067	Mean of logged Data					3.042
736				Maximum of Logged Data		4.089	SD of logged Data					0.372
737												
738	Assuming Lognormal Distribution											
739				95% H-UCL		24.09	90% Chebyshev (MVUE) UCL					25.16
740				95% Chebyshev (MVUE) UCL		26.4	97.5% Chebyshev (MVUE) UCL					28.11
741				99% Chebyshev (MVUE) UCL		31.47						
742												
743	Nonparametric Distribution Free UCL Statistics											
744	Data appear to follow a Discernible Distribution at 5% Significance Level											
745												
746	Nonparametric Distribution Free UCLs											
747				95% CLT UCL		23.99	95% Jackknife UCL					24
748				95% Standard Bootstrap UCL		23.98	95% Bootstrap-t UCL					24.06
749				95% Hall's Bootstrap UCL		24.18	95% Percentile Bootstrap UCL					24.05
750				95% BCA Bootstrap UCL		24.11						
751				90% Chebyshev(Mean, Sd) UCL		25.25	95% Chebyshev(Mean, Sd) UCL					26.51
752				97.5% Chebyshev(Mean, Sd) UCL		28.27	99% Chebyshev(Mean, Sd) UCL					31.71
753												
754	Suggested UCL to Use											
755				95% Approximate Gamma UCL		23.99						
756												
757	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
758	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
759	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
760	For additional insight the user may want to consult a statistician.											

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
761												
762												
763	Copper											
764												
765	General Statistics											
766					Total Number of Observations	90	Number of Distinct Observations					77
767							Number of Missing Observations					0
768					Minimum	11.2	Mean					94.55
769					Maximum	624	Median					83.75
770					SD	75.04	Std. Error of Mean					7.91
771					Coefficient of Variation	0.794	Skewness					4.312
772												
773	Normal GOF Test											
774					Shapiro Wilk Test Statistic	0.684	Shapiro Wilk GOF Test					
775					5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level					
776					Lilliefors Test Statistic	0.201	Lilliefors GOF Test					
777					5% Lilliefors Critical Value	0.0934	Data Not Normal at 5% Significance Level					
778	Data Not Normal at 5% Significance Level											
779												
780	Assuming Normal Distribution											
781				95% Normal UCL			95% UCLs (Adjusted for Skewness)					
782					95% Student's-t UCL	107.7	95% Adjusted-CLT UCL (Chen-1995)					111.4
783							95% Modified-t UCL (Johnson-1978)					108.3
784												
785	Gamma GOF Test											
786					A-D Test Statistic	1.132	Anderson-Darling Gamma GOF Test					
787					5% A-D Critical Value	0.762	Data Not Gamma Distributed at 5% Significance Level					
788					K-S Test Statistic	0.106	Kolmogrov-Smirnoff Gamma GOF Test					
789					5% K-S Critical Value	0.0951	Data Not Gamma Distributed at 5% Significance Level					
790	Data Not Gamma Distributed at 5% Significance Level											
791												
792	Gamma Statistics											
793					k hat (MLE)	2.58	k star (bias corrected MLE)					2.502
794					Theta hat (MLE)	36.64	Theta star (bias corrected MLE)					37.79
795					nu hat (MLE)	464.5	nu star (bias corrected)					450.3
796					MLE Mean (bias corrected)	94.55	MLE Sd (bias corrected)					59.78
797							Approximate Chi Square Value (0.05)					402.1
798					Adjusted Level of Significance	0.0473	Adjusted Chi Square Value					401.4
799												
800	Assuming Gamma Distribution											
801					95% Approximate Gamma UCL (use when n>=50))	105.9	95% Adjusted Gamma UCL (use when n<50)					106.1
802												
803	Lognormal GOF Test											
804					Shapiro Wilk Test Statistic	0.964	Shapiro Wilk Lognormal GOF Test					
805					5% Shapiro Wilk P Value	0.0675	Data appear Lognormal at 5% Significance Level					
806					Lilliefors Test Statistic	0.111	Lilliefors Lognormal GOF Test					
807					5% Lilliefors Critical Value	0.0934	Data Not Lognormal at 5% Significance Level					
808	Data appear Approximate Lognormal at 5% Significance Level											
809												
810	Lognormal Statistics											
811					Minimum of Logged Data	2.416	Mean of logged Data					4.343
812					Maximum of Logged Data	6.436	SD of logged Data					0.654
813												
814	Assuming Lognormal Distribution											
815					95% H-UCL	109.2	90% Chebyshev (MVUE) UCL					116.5
816					95% Chebyshev (MVUE) UCL	126.2	97.5% Chebyshev (MVUE) UCL					139.7
817					99% Chebyshev (MVUE) UCL	166.2						
818												
819	Nonparametric Distribution Free UCL Statistics											
820	Data appear to follow a Discernible Distribution at 5% Significance Level											
821												
822	Nonparametric Distribution Free UCLs											
823					95% CLT UCL	107.6	95% Jackknife UCL					107.7

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
824					95% Standard Bootstrap UCL	107				95% Bootstrap-t UCL		115.5
825					95% Hall's Bootstrap UCL	154.8				95% Percentile Bootstrap UCL		108.7
826					95% BCA Bootstrap UCL	113.2						
827					90% Chebyshev(Mean, Sd) UCL	118.3				95% Chebyshev(Mean, Sd) UCL		129
828					97.5% Chebyshev(Mean, Sd) UCL	143.9				99% Chebyshev(Mean, Sd) UCL		173.3
829												
830					Suggested UCL to Use							
831					95% Chebyshev (Mean, Sd) UCL	129						
832												
833	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
834	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
835	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
836	For additional insight the user may want to consult a statistician.											
837												
838	Thallium											
839												
840					General Statistics							
841					Total Number of Observations	90				Number of Distinct Observations		67
842					Number of Detects	55				Number of Non-Detects		35
843					Number of Distinct Detects	54				Number of Distinct Non-Detects		15
844					Minimum Detect	0.0174				Minimum Non-Detect		0.0411
845					Maximum Detect	0.35				Maximum Non-Detect		0.25
846					Variance Detects	0.00293				Percent Non-Detects		38.89%
847					Mean Detects	0.0628				SD Detects		0.0541
848					Median Detects	0.0485				CV Detects		0.862
849					Skewness Detects	3.505				Kurtosis Detects		15.37
850					Mean of Logged Detects	-2.976				SD of Logged Detects		0.602
851												
852					Normal GOF Test on Detects Only							
853					Shapiro Wilk Test Statistic	0.649				Normal GOF Test on Detected Observations Only		
854					5% Shapiro Wilk P Value	3.331E-16				Detected Data Not Normal at 5% Significance Level		
855					Lilliefors Test Statistic	0.241				Lilliefors GOF Test		
856					5% Lilliefors Critical Value	0.119				Detected Data Not Normal at 5% Significance Level		
857					Detected Data Not Normal at 5% Significance Level							
858												
859					Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs							
860					Mean	0.0566				Standard Error of Mean		0.00506
861					SD	0.0447				95% KM (BCA) UCL		0.0661
862					95% KM (t) UCL	0.0651				95% KM (Percentile Bootstrap) UCL		0.0656
863					95% KM (z) UCL	0.065				95% KM Bootstrap t UCL		0.0684
864					90% KM Chebyshev UCL	0.0718				95% KM Chebyshev UCL		0.0787
865					97.5% KM Chebyshev UCL	0.0882				99% KM Chebyshev UCL		0.107
866												
867					Gamma GOF Tests on Detected Observations Only							
868					A-D Test Statistic	1.592				Anderson-Darling GOF Test		
869					5% A-D Critical Value	0.76				Detected Data Not Gamma Distributed at 5% Significance Level		
870					K-S Test Statistic	0.156				Kolmogrov-Smirnoff GOF		
871					5% K-S Critical Value	0.121				Detected Data Not Gamma Distributed at 5% Significance Level		
872					Detected Data Not Gamma Distributed at 5% Significance Level							
873												
874					Gamma Statistics on Detected Data Only							
875					k hat (MLE)	2.555				k star (bias corrected MLE)		2.428
876					Theta hat (MLE)	0.0246				Theta star (bias corrected MLE)		0.0259
877					nu hat (MLE)	281				nu star (bias corrected)		267
878					MLE Mean (bias corrected)	0.0628				MLE Sd (bias corrected)		0.0403
879												
880					Gamma Kaplan-Meier (KM) Statistics							
881					k hat (KM)	1.603				nu hat (KM)		288.5
882					Approximate Chi Square Value (288.48, α)	250.1				Adjusted Chi Square Value (288.48, β)		249.6
883					95% Gamma Approximate KM-UCL (use when n>=50)	0.0653				95% Gamma Adjusted KM-UCL (use when n<50)		0.0655
884												
885					Gamma ROS Statistics using Imputed Non-Detects							
886	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
887	GROS may not be used when kstar of detected data is small such as < 0.1											
888	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
889	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
890					Minimum	0.01					Mean	0.056
891					Maximum	0.35					Median	0.0461
892					SD	0.0456					CV	0.815
893					k hat (MLE)	2.674					k star (bias corrected MLE)	2.592
894					Theta hat (MLE)	0.0209					Theta star (bias corrected MLE)	0.0216
895					nu hat (MLE)	481.3					nu star (bias corrected)	466.6
896					MLE Mean (bias corrected)	0.056					MLE Sd (bias corrected)	0.0348
897											Adjusted Level of Significance (β)	0.0473
898					Approximate Chi Square Value (466.57, α)	417.5					Adjusted Chi Square Value (466.57, β)	416.7
899					95% Gamma Approximate UCL (use when n>=50)	0.0626					95% Gamma Adjusted UCL (use when n<50)	0.0627
900												
901	Lognormal GOF Test on Detected Observations Only											
902					Lilliefors Test Statistic	0.104	Lilliefors GOF Test					
903					5% Lilliefors Critical Value	0.119	Detected Data appear Lognormal at 5% Significance Level					
904	Detected Data appear Lognormal at 5% Significance Level											
905												
906	Lognormal ROS Statistics Using Imputed Non-Detects											
907					Mean in Original Scale	0.0564					Mean in Log Scale	-3.037
908					SD in Original Scale	0.0442					SD in Log Scale	0.522
909					95% t UCL (assumes normality of ROS data)	0.0641					95% Percentile Bootstrap UCL	0.065
910					95% BCA Bootstrap UCL	0.0661					95% Bootstrap t UCL	0.0681
911					95% H-UCL (Log ROS)	0.0609						
912												
913	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
914					KM Mean (logged)	-3.048					95% H-UCL (KM -Log)	0.0618
915					KM SD (logged)	0.553					95% Critical H Value (KM-Log)	1.881
916					KM Standard Error of Mean (logged)	0.0695						
917												
918	DL/2 Statistics											
919				DL/2 Normal			DL/2 Log-Transformed					
920					Mean in Original Scale	0.0617					Mean in Log Scale	-2.936
921					SD in Original Scale	0.0438					SD in Log Scale	0.525
922					95% t UCL (Assumes normality)	0.0694					95% H-Stat UCL	0.0676
923	DL/2 is not a recommended method, provided for comparisons and historical reasons											
924												
925	Nonparametric Distribution Free UCL Statistics											
926	Detected Data appear Lognormal Distributed at 5% Significance Level											
927												
928	Suggested UCL to Use											
929					95% KM (BCA) UCL	0.0661						
930												
931	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
932	Recommendations are based upon data size, data distribution, and skewness.											
933	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
934	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
935												
936												
937	Vanadium											
938												
939	General Statistics											
940					Total Number of Observations	90					Number of Distinct Observations	63
941											Number of Missing Observations	0
942					Minimum	59.2					Mean	150.9
943					Maximum	780					Median	129.5
944					SD	89.13					Std. Error of Mean	9.395
945					Coefficient of Variation	0.59					Skewness	4.551
946												
947	Normal GOF Test											
948					Shapiro Wilk Test Statistic	0.627	Shapiro Wilk GOF Test					
949					5% Shapiro Wilk P Value	0	Data Not Normal at 5% Significance Level					

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Surface Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
950					Lilliefors Test Statistic	0.211	Lilliefors GOF Test					
951					5% Lilliefors Critical Value	0.0934	Data Not Normal at 5% Significance Level					
952	Data Not Normal at 5% Significance Level											
953												
954	Assuming Normal Distribution											
955			95% Normal UCL				95% UCLs (Adjusted for Skewness)					
956					95% Student's-t UCL	166.6				95% Adjusted-CLT UCL (Chen-1995)		171.2
957										95% Modified-t UCL (Johnson-1978)		167.3
958												
959	Gamma GOF Test											
960					A-D Test Statistic	2.972	Anderson-Darling Gamma GOF Test					
961					5% A-D Critical Value	0.755	Data Not Gamma Distributed at 5% Significance Level					
962					K-S Test Statistic	0.146	Kolmogrov-Smirnoff Gamma GOF Test					
963					5% K-S Critical Value	0.0944	Data Not Gamma Distributed at 5% Significance Level					
964	Data Not Gamma Distributed at 5% Significance Level											
965												
966	Gamma Statistics											
967					k hat (MLE)	5.485				k star (bias corrected MLE)		5.31
968					Theta hat (MLE)	27.52				Theta star (bias corrected MLE)		28.43
969					nu hat (MLE)	987.4				nu star (bias corrected)		955.8
970					MLE Mean (bias corrected)	150.9				MLE Sd (bias corrected)		65.5
971										Approximate Chi Square Value (0.05)		885
972					Adjusted Level of Significance	0.0473				Adjusted Chi Square Value		883.9
973												
974	Assuming Gamma Distribution											
975					95% Approximate Gamma UCL (use when n>=50))	163				95% Adjusted Gamma UCL (use when n<50)		163.2
976												
977	Lognormal GOF Test											
978					Shapiro Wilk Test Statistic	0.934	Shapiro Wilk Lognormal GOF Test					
979					5% Shapiro Wilk P Value	1.5699E-4	Data Not Lognormal at 5% Significance Level					
980					Lilliefors Test Statistic	0.107	Lilliefors Lognormal GOF Test					
981					5% Lilliefors Critical Value	0.0934	Data Not Lognormal at 5% Significance Level					
982	Data Not Lognormal at 5% Significance Level											
983												
984	Lognormal Statistics											
985					Minimum of Logged Data	4.081				Mean of logged Data		4.923
986					Maximum of Logged Data	6.659				SD of logged Data		0.394
987												
988	Assuming Lognormal Distribution											
989					95% H-UCL	160				90% Chebyshev (MVUE) UCL		167.5
990					95% Chebyshev (MVUE) UCL	176.2				97.5% Chebyshev (MVUE) UCL		188.2
991					99% Chebyshev (MVUE) UCL	211.8						
992												
993	Nonparametric Distribution Free UCL Statistics											
994	Data do not follow a Discernible Distribution (0.05)											
995												
996	Nonparametric Distribution Free UCLs											
997					95% CLT UCL	166.4				95% Jackknife UCL		166.6
998					95% Standard Bootstrap UCL	166.5				95% Bootstrap-t UCL		174.5
999					95% Hall's Bootstrap UCL	231.9				95% Percentile Bootstrap UCL		169.1
1000					95% BCA Bootstrap UCL	171.9						
1001					90% Chebyshev(Mean, Sd) UCL	179.1				95% Chebyshev(Mean, Sd) UCL		191.9
1002					97.5% Chebyshev(Mean, Sd) UCL	209.6				99% Chebyshev(Mean, Sd) UCL		244.4
1003												
1004	Suggested UCL to Use											
1005					95% Student's-t UCL	166.6				or 95% Modified-t UCL		167.3
1006												
1007	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
1008	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
1009	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
1010	For additional insight the user may want to consult a statistician.											
1011												

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
5	UCL Statistics for Data Sets with Non-Detects											
6												
7			User Selected Options									
8			Date/Time of Computation	8/21/2014 12:16:13 PM								
9			From File	ProUCL_input_a.xls								
10			Full Precision	OFF								
11			Confidence Coefficient	95%								
12			Number of Bootstrap Operations	2000								
13												
14	Benzo(a)anthracene											
15												
16	General Statistics											
17					Total Number of Observations	75			Number of Distinct Observations		42	
18					Number of Detects	19			Number of Non-Detects		56	
19					Number of Distinct Detects	19			Number of Distinct Non-Detects		25	
20					Minimum Detect	2.9			Minimum Non-Detect		1.8	
21					Maximum Detect	167			Maximum Non-Detect		41	
22					Variance Detects	1872			Percent Non-Detects		74.67%	
23					Mean Detects	34.26			SD Detects		43.27	
24					Median Detects	18.4			CV Detects		1.263	
25					Skewness Detects	1.961			Kurtosis Detects		3.975	
26					Mean of Logged Detects	2.834			SD of Logged Detects		1.228	
27												
28	Normal GOF Test on Detects Only											
29					Shapiro Wilk Test Statistic	0.737			Shapiro Wilk GOF Test			
30					5% Shapiro Wilk Critical Value	0.901			Detected Data Not Normal at 5% Significance Level			
31					Lilliefors Test Statistic	0.248			Lilliefors GOF Test			
32					5% Lilliefors Critical Value	0.203			Detected Data Not Normal at 5% Significance Level			
33	Detected Data Not Normal at 5% Significance Level											
34												
35	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
36					Mean	10.08			Standard Error of Mean		3.022	
37					SD	25.46			95% KM (BCA) UCL		15.63	
38					95% KM (t) UCL	15.11			95% KM (Percentile Bootstrap) UCL		15.71	
39					95% KM (z) UCL	15.05			95% KM Bootstrap t UCL		18.13	
40					90% KM Chebyshev UCL	19.14			95% KM Chebyshev UCL		23.25	
41					97.5% KM Chebyshev UCL	28.95			99% KM Chebyshev UCL		40.15	
42												
43	Gamma GOF Tests on Detected Observations Only											
44					A-D Test Statistic	0.752			Anderson-Darling GOF Test			
45					5% A-D Critical Value	0.775			Detected data appear Gamma Distributed at 5% Significance Level			
46					K-S Test Statistic	0.201			Kolmogrov-Smirnoff GOF			
47					5% K-S Critical Value	0.205			Detected data appear Gamma Distributed at 5% Significance Level			
48	Detected data appear Gamma Distributed at 5% Significance Level											
49												
50	Gamma Statistics on Detected Data Only											
51					k hat (MLE)	0.842			k star (bias corrected MLE)		0.744	
52					Theta hat (MLE)	40.7			Theta star (bias corrected MLE)		46.05	
53					nu hat (MLE)	31.99			nu star (bias corrected)		28.27	
54					MLE Mean (bias corrected)	34.26			MLE Sd (bias corrected)		39.72	
55												
56	Gamma Kaplan-Meier (KM) Statistics											
57					k hat (KM)	0.157			nu hat (KM)		23.5	
58					Approximate Chi Square Value (23.50, α)	13.47			Adjusted Chi Square Value (23.50, β)		13.32	
59					95% Gamma Approximate KM-UCL (use when n>=50)	17.58			95% Gamma Adjusted KM-UCL (use when n<50)		17.78	
60												
61	Gamma ROS Statistics using Imputed Non-Detects											
62	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
63	GROS may not be used when kstar of detected data is small such as < 0.1											
64	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
65	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
66					Minimum	0.01			Mean		8.687	

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
67					Maximum	167					Median	0.01
68					SD	26.08					CV	3.002
69					k hat (MLE)	0.156					k star (bias corrected MLE)	0.159
70					Theta hat (MLE)	55.53					Theta star (bias corrected MLE)	54.61
71					nu hat (MLE)	23.47					nu star (bias corrected)	23.86
72					MLE Mean (bias corrected)	8.687					MLE Sd (bias corrected)	21.78
73											Adjusted Level of Significance (β)	0.0468
74					Approximate Chi Square Value (23.86, α)	13.74					Adjusted Chi Square Value (23.86, β)	13.59
75					95% Gamma Approximate UCL (use when n>=50)	15.08					95% Gamma Adjusted UCL (use when n<50)	15.25
76												
77	Lognormal GOF Test on Detected Observations Only											
78					Shapiro Wilk Test Statistic	0.935	Shapiro Wilk GOF Test					
79					5% Shapiro Wilk Critical Value	0.901	Detected Data appear Lognormal at 5% Significance Level					
80					Lilliefors Test Statistic	0.167	Lilliefors GOF Test					
81					5% Lilliefors Critical Value	0.203	Detected Data appear Lognormal at 5% Significance Level					
82	Detected Data appear Lognormal at 5% Significance Level											
83												
84	Lognormal ROS Statistics Using Imputed Non-Detects											
85					Mean in Original Scale	9.025					Mean in Log Scale	-0.277
86					SD in Original Scale	25.97					SD in Log Scale	2.186
87					95% t UCL (assumes normality of ROS data)	14.02					95% Percentile Bootstrap UCL	14.52
88					95% BCA Bootstrap UCL	15.97					95% Bootstrap t UCL	17.3
89					95% H-UCL (Log ROS)	20.98						
90												
91	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
92					KM Mean (logged)	1.17					95% H-UCL (KM -Log)	8.582
93					KM SD (logged)	1.147					95% Critical H Value (KM-Log)	2.407
94					KM Standard Error of Mean (logged)	0.137						
95												
96	DL/2 Statistics											
97					DL/2 Normal		DL/2 Log-Transformed					
98					Mean in Original Scale	10.02					Mean in Log Scale	0.96
99					SD in Original Scale	25.74					SD in Log Scale	1.346
100					95% t UCL (Assumes normality)	14.97					95% H-Stat UCL	9.731
101	DL/2 is not a recommended method, provided for comparisons and historical reasons											
102												
103	Nonparametric Distribution Free UCL Statistics											
104	Detected Data appear Gamma Distributed at 5% Significance Level											
105												
106	Suggested UCL to Use											
107					95% KM (t) UCL	15.11					95% GROS Approximate Gamma UCL	15.08
108					95% Approximate Gamma KM-UCL	17.58						
109												
110	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
111	Recommendations are based upon data size, data distribution, and skewness.											
112	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
113	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
114												
115	Benzo(a)pyrene											
116												
117	General Statistics											
118					Total Number of Observations	75					Number of Distinct Observations	53
119					Number of Detects	24					Number of Non-Detects	51
120					Number of Distinct Detects	23					Number of Distinct Non-Detects	31
121					Minimum Detect	0.99					Minimum Non-Detect	0.69
122					Maximum Detect	140					Maximum Non-Detect	5.8
123					Variance Detects	1689					Percent Non-Detects	68%
124					Mean Detects	34.01					SD Detects	41.1
125					Median Detects	16.15					CV Detects	1.208
126					Skewness Detects	1.423					Kurtosis Detects	0.936
127					Mean of Logged Detects	2.636					SD of Logged Detects	1.545
128												

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
129	Normal GOF Test on Detects Only											
130					Shapiro Wilk Test Statistic	0.778	Shapiro Wilk GOF Test					
131					5% Shapiro Wilk Critical Value	0.916	Detected Data Not Normal at 5% Significance Level					
132					Lilliefors Test Statistic	0.255	Lilliefors GOF Test					
133					5% Lilliefors Critical Value	0.181	Detected Data Not Normal at 5% Significance Level					
134	Detected Data Not Normal at 5% Significance Level											
135												
136	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
137					Mean	11.4			Standard Error of Mean			3.249
138					SD	27.54			95% KM (BCA) UCL			16.59
139					95% KM (t) UCL	16.82			95% KM (Percentile Bootstrap) UCL			16.58
140					95% KM (z) UCL	16.75			95% KM Bootstrap t UCL			18.99
141					90% KM Chebyshev UCL	21.15			95% KM Chebyshev UCL			25.57
142					97.5% KM Chebyshev UCL	31.69			99% KM Chebyshev UCL			43.73
143												
144	Gamma GOF Tests on Detected Observations Only											
145					A-D Test Statistic	0.38	Anderson-Darling GOF Test					
146					5% A-D Critical Value	0.789	Detected data appear Gamma Distributed at 5% Significance Level					
147					K-S Test Statistic	0.112	Kolmogrov-Smirnoff GOF					
148					5% K-S Critical Value	0.186	Detected data appear Gamma Distributed at 5% Significance Level					
149	Detected data appear Gamma Distributed at 5% Significance Level											
150												
151	Gamma Statistics on Detected Data Only											
152					k hat (MLE)	0.681			k star (bias corrected MLE)			0.624
153					Theta hat (MLE)	49.93			Theta star (bias corrected MLE)			54.52
154					nu hat (MLE)	32.7			nu star (bias corrected)			29.95
155					MLE Mean (bias corrected)	34.01			MLE Sd (bias corrected)			43.06
156												
157	Gamma Kaplan-Meier (KM) Statistics											
158					k hat (KM)	0.171			nu hat (KM)			25.71
159					Approximate Chi Square Value (25.71, α)	15.15			Adjusted Chi Square Value (25.71, β)			15
160					95% Gamma Approximate KM-UCL (use when n>=50)	19.34			95% Gamma Adjusted KM-UCL (use when n<50)			19.55
161												
162	Gamma ROS Statistics using Imputed Non-Detects											
163	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
164	GROS may not be used when kstar of detected data is small such as < 0.1											
165	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
166	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
167					Minimum	0.01			Mean			10.89
168					Maximum	140			Median			0.01
169					SD	27.93			CV			2.564
170					k hat (MLE)	0.162			k star (bias corrected MLE)			0.165
171					Theta hat (MLE)	67.04			Theta star (bias corrected MLE)			66.07
172					nu hat (MLE)	24.37			nu star (bias corrected)			24.73
173					MLE Mean (bias corrected)	10.89			MLE Sd (bias corrected)			26.82
174									Adjusted Level of Significance (β)			0.0468
175					Approximate Chi Square Value (24.73, α)	14.4			Adjusted Chi Square Value (24.73, β)			14.25
176					95% Gamma Approximate UCL (use when n>=50)	18.7			95% Gamma Adjusted UCL (use when n<50)			18.9
177												
178	Lognormal GOF Test on Detected Observations Only											
179					Shapiro Wilk Test Statistic	0.945	Shapiro Wilk GOF Test					
180					5% Shapiro Wilk Critical Value	0.916	Detected Data appear Lognormal at 5% Significance Level					
181					Lilliefors Test Statistic	0.0983	Lilliefors GOF Test					
182					5% Lilliefors Critical Value	0.181	Detected Data appear Lognormal at 5% Significance Level					
183	Detected Data appear Lognormal at 5% Significance Level											
184												
185	Lognormal ROS Statistics Using Imputed Non-Detects											
186					Mean in Original Scale	11.03			Mean in Log Scale			-0.441
187					SD in Original Scale	27.87			SD in Log Scale			2.431
188					95% t UCL (assumes normality of ROS data)	16.39			95% Percentile Bootstrap UCL			16.63
189					95% BCA Bootstrap UCL	17.15			95% Bootstrap t UCL			18.89
190					95% H-UCL (Log ROS)	38.11						

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
191												
192	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
193					KM Mean (logged)	0.628				95% H-UCL (KM -Log)		12.49
194					KM SD (logged)	1.634				95% Critical H Value (KM-Log)		2.961
195					KM Standard Error of Mean (logged)	0.195						
196												
197	DL/2 Statistics											
198				DL/2 Normal					DL/2 Log-Transformed			
199					Mean in Original Scale	11.64				Mean in Log Scale		0.636
200					SD in Original Scale	27.65				SD in Log Scale		1.79
201					95% t UCL (Assumes normality)	16.96				95% H-Stat UCL		18.07
202	DL/2 is not a recommended method, provided for comparisons and historical reasons											
203												
204	Nonparametric Distribution Free UCL Statistics											
205	Detected Data appear Gamma Distributed at 5% Significance Level											
206												
207	Suggested UCL to Use											
208					95% KM (t) UCL	16.82				95% GROS Approximate Gamma UCL		18.7
209					95% Approximate Gamma KM-UCL	19.34						
210												
211	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
212	Recommendations are based upon data size, data distribution, and skewness.											
213	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
214	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
215												
216	Benzo(b)fluoranthene											
217												
218	General Statistics											
219					Total Number of Observations	76				Number of Distinct Observations		57
220					Number of Detects	25				Number of Non-Detects		51
221					Number of Distinct Detects	25				Number of Distinct Non-Detects		32
222					Minimum Detect	1.6				Minimum Non-Detect		0.79
223					Maximum Detect	185				Maximum Non-Detect		5.8
224					Variance Detects	2786				Percent Non-Detects		67.11%
225					Mean Detects	43.13				SD Detects		52.78
226					Median Detects	19.9				CV Detects		1.224
227					Skewness Detects	1.581				Kurtosis Detects		1.609
228					Mean of Logged Detects	2.961				SD of Logged Detects		1.408
229												
230	Normal GOF Test on Detects Only											
231					Shapiro Wilk Test Statistic	0.763				Shapiro Wilk GOF Test		
232					5% Shapiro Wilk Critical Value	0.918				Detected Data Not Normal at 5% Significance Level		
233					Lilliefors Test Statistic	0.271				Lilliefors GOF Test		
234					5% Lilliefors Critical Value	0.177				Detected Data Not Normal at 5% Significance Level		
235	Detected Data Not Normal at 5% Significance Level											
236												
237	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
238					Mean	14.78				Standard Error of Mean		4.179
239					SD	35.69				95% KM (BCA) UCL		21.84
240					95% KM (t) UCL	21.74				95% KM (Percentile Bootstrap) UCL		22.27
241					95% KM (z) UCL	21.65				95% KM Bootstrap t UCL		25.83
242					90% KM Chebyshev UCL	27.31				95% KM Chebyshev UCL		32.99
243					97.5% KM Chebyshev UCL	40.88				99% KM Chebyshev UCL		56.36
244												
245	Gamma GOF Tests on Detected Observations Only											
246					A-D Test Statistic	0.443				Anderson-Darling GOF Test		
247					5% A-D Critical Value	0.784				Detected data appear Gamma Distributed at 5% Significance Level		
248					K-S Test Statistic	0.138				Kolmogrov-Smirnoff GOF		
249					5% K-S Critical Value	0.181				Detected data appear Gamma Distributed at 5% Significance Level		
250	Detected data appear Gamma Distributed at 5% Significance Level											
251												
252	Gamma Statistics on Detected Data Only											

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
253					k hat (MLE)	0.746				k star (bias corrected MLE)		0.683
254					Theta hat (MLE)	57.83				Theta star (bias corrected MLE)		63.15
255					nu hat (MLE)	37.29				nu star (bias corrected)		34.15
256					MLE Mean (bias corrected)	43.13				MLE Sd (bias corrected)		52.19
257												
258	Gamma Kaplan-Meier (KM) Statistics											
259					k hat (KM)	0.171				nu hat (KM)		26.05
260					Approximate Chi Square Value (26.05, α)	15.42				Adjusted Chi Square Value (26.05, β)		15.26
261					95% Gamma Approximate KM-UCL (use when n>=50)	24.97				95% Gamma Adjusted KM-UCL (use when n<50)		25.23
262												
263	Gamma ROS Statistics using Imputed Non-Detects											
264	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
265	GROS may not be used when kstar of detected data is small such as < 0.1											
266	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
267	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
268					Minimum	0.01				Mean		14.19
269					Maximum	185				Median		0.01
270					SD	36.16				CV		2.547
271					k hat (MLE)	0.16				k star (bias corrected MLE)		0.162
272					Theta hat (MLE)	88.89				Theta star (bias corrected MLE)		87.54
273					nu hat (MLE)	24.27				nu star (bias corrected)		24.65
274					MLE Mean (bias corrected)	14.19				MLE Sd (bias corrected)		35.25
275										Adjusted Level of Significance (β)		0.0468
276					Approximate Chi Square Value (24.65, α)	14.34				Adjusted Chi Square Value (24.65, β)		14.19
277					95% Gamma Approximate UCL (use when n>=50)	24.39				95% Gamma Adjusted UCL (use when n<50)		24.66
278												
279	Lognormal GOF Test on Detected Observations Only											
280					Shapiro Wilk Test Statistic	0.962				Shapiro Wilk GOF Test		
281					5% Shapiro Wilk Critical Value	0.918				Detected Data appear Lognormal at 5% Significance Level		
282					Lilliefors Test Statistic	0.0732				Lilliefors GOF Test		
283					5% Lilliefors Critical Value	0.177				Detected Data appear Lognormal at 5% Significance Level		
284	Detected Data appear Lognormal at 5% Significance Level											
285												
286	Lognormal ROS Statistics Using Imputed Non-Detects											
287					Mean in Original Scale	14.45				Mean in Log Scale		0.142
288					SD in Original Scale	36.06				SD in Log Scale		2.255
289					95% t UCL (assumes normality of ROS data)	21.34				95% Percentile Bootstrap UCL		21.47
290					95% BCA Bootstrap UCL	23.12				95% Bootstrap t UCL		24.29
291					95% H-UCL (Log ROS)	39.03						
292												
293	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
294					KM Mean (logged)	0.852				95% H-UCL (KM -Log)		17.6
295					KM SD (logged)	1.688				95% Critical H Value (KM-Log)		3.031
296					KM Standard Error of Mean (logged)	0.2						
297												
298	DL/2 Statistics											
299					DL/2 Normal					DL/2 Log-Transformed		
300					Mean in Original Scale	14.93				Mean in Log Scale		0.809
301					SD in Original Scale	35.88				SD in Log Scale		1.841
302					95% t UCL (Assumes normality)	21.79				95% H-Stat UCL		24.23
303	DL/2 is not a recommended method, provided for comparisons and historical reasons											
304												
305	Nonparametric Distribution Free UCL Statistics											
306	Detected Data appear Gamma Distributed at 5% Significance Level											
307												
308	Suggested UCL to Use											
309					95% KM (t) UCL	21.74				95% GROS Approximate Gamma UCL		24.39
310					95% Approximate Gamma KM-UCL	24.97						
311												
312	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
313	Recommendations are based upon data size, data distribution, and skewness.											
314	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
315	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
316												
317	Dibenz(a,h)anthracene											
318												
319	General Statistics											
320					Total Number of Observations	75			Number of Distinct Observations		50	
321					Number of Detects	17			Number of Non-Detects		58	
322					Number of Distinct Detects	16			Number of Distinct Non-Detects		34	
323					Minimum Detect	1.1			Minimum Non-Detect		0.62	
324					Maximum Detect	34.4			Maximum Non-Detect		8.9	
325					Variance Detects	92.19			Percent Non-Detects		77.33%	
326					Mean Detects	9.726			SD Detects		9.601	
327					Median Detects	5.58			CV Detects		0.987	
328					Skewness Detects	1.636			Kurtosis Detects		1.707	
329					Mean of Logged Detects	1.89			SD of Logged Detects		0.891	
330												
331	Normal GOF Test on Detects Only											
332					Shapiro Wilk Test Statistic	0.747			Shapiro Wilk GOF Test			
333					5% Shapiro Wilk Critical Value	0.892			Detected Data Not Normal at 5% Significance Level			
334					Lilliefors Test Statistic	0.314			Lilliefors GOF Test			
335					5% Lilliefors Critical Value	0.215			Detected Data Not Normal at 5% Significance Level			
336	Detected Data Not Normal at 5% Significance Level											
337												
338	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
339					Mean	2.775			Standard Error of Mean		0.699	
340					SD	5.841			95% KM (BCA) UCL		3.974	
341					95% KM (t) UCL	3.939			95% KM (Percentile Bootstrap) UCL		3.926	
342					95% KM (z) UCL	3.925			95% KM Bootstrap t UCL		4.479	
343					90% KM Chebyshev UCL	4.872			95% KM Chebyshev UCL		5.821	
344					97.5% KM Chebyshev UCL	7.139			99% KM Chebyshev UCL		9.728	
345												
346	Gamma GOF Tests on Detected Observations Only											
347					A-D Test Statistic	0.937			Anderson-Darling GOF Test			
348					5% A-D Critical Value	0.757			Detected Data Not Gamma Distributed at 5% Significance Level			
349					K-S Test Statistic	0.259			Kolmogrov-Smirnoff GOF			
350					5% K-S Critical Value	0.213			Detected Data Not Gamma Distributed at 5% Significance Level			
351	Detected Data Not Gamma Distributed at 5% Significance Level											
352												
353	Gamma Statistics on Detected Data Only											
354					k hat (MLE)	1.445			k star (bias corrected MLE)		1.229	
355					Theta hat (MLE)	6.731			Theta star (bias corrected MLE)		7.913	
356					nu hat (MLE)	49.13			nu star (bias corrected)		41.79	
357					MLE Mean (bias corrected)	9.726			MLE Sd (bias corrected)		8.773	
358												
359	Gamma Kaplan-Meier (KM) Statistics											
360					k hat (KM)	0.226			nu hat (KM)		33.86	
361					Approximate Chi Square Value (33.86, α)	21.55			Adjusted Chi Square Value (33.86, β)		21.36	
362					95% Gamma Approximate KM-UCL (use when n>=50)	4.36			95% Gamma Adjusted KM-UCL (use when n<50)		4.399	
363												
364	Gamma ROS Statistics using Imputed Non-Detects											
365	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
366	GROS may not be used when kstar of detected data is small such as < 0.1											
367	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
368	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
369					Minimum	0.01			Mean		2.212	
370					Maximum	34.4			Median		0.01	
371					SD	6.058			CV		2.739	
372					k hat (MLE)	0.189			k star (bias corrected MLE)		0.19	
373					Theta hat (MLE)	11.7			Theta star (bias corrected MLE)		11.62	
374					nu hat (MLE)	28.36			nu star (bias corrected)		28.56	
375					MLE Mean (bias corrected)	2.212			MLE Sd (bias corrected)		5.07	
376									Adjusted Level of Significance (β)		0.0468	

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
377	Approximate Chi Square Value (28.56, α)					17.36	Adjusted Chi Square Value (28.56, β)					17.19
378	95% Gamma Approximate UCL (use when n>=50)					3.639	95% Gamma Adjusted UCL (use when n<50)					3.675
379												
380	Lognormal GOF Test on Detected Observations Only											
381	Shapiro Wilk Test Statistic					0.942	Shapiro Wilk GOF Test					
382	5% Shapiro Wilk Critical Value					0.892	Detected Data appear Lognormal at 5% Significance Level					
383	Lilliefors Test Statistic					0.207	Lilliefors GOF Test					
384	5% Lilliefors Critical Value					0.215	Detected Data appear Lognormal at 5% Significance Level					
385	Detected Data appear Lognormal at 5% Significance Level											
386												
387	Lognormal ROS Statistics Using Imputed Non-Detects											
388	Mean in Original Scale					2.537	Mean in Log Scale					-0.375
389	SD in Original Scale					5.944	SD in Log Scale					1.434
390	95% t UCL (assumes normality of ROS data)					3.681	95% Percentile Bootstrap UCL					3.79
391	95% BCA Bootstrap UCL					4.168	95% Bootstrap t UCL					4.547
392	95% H-UCL (Log ROS)					3.027						
393												
394	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
395	KM Mean (logged)					0.112	95% H-UCL (KM -Log)					2.722
396	KM SD (logged)					1.088	95% Critical H Value (KM-Log)					2.346
397	KM Standard Error of Mean (logged)					0.135						
398												
399	DL/2 Statistics											
400	DL/2 Normal						DL/2 Log-Transformed					
401	Mean in Original Scale					3.033	Mean in Log Scale					0.115
402	SD in Original Scale					5.84	SD in Log Scale					1.344
403	95% t UCL (Assumes normality)					4.157	95% H-Stat UCL					4.171
404	DL/2 is not a recommended method, provided for comparisons and historical reasons											
405												
406	Nonparametric Distribution Free UCL Statistics											
407	Detected Data appear Lognormal Distributed at 5% Significance Level											
408												
409	Suggested UCL to Use											
410	95% KM (t) UCL					3.939				95% KM (% Bootstrap) UCL		3.926
411												
412	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
413	Recommendations are based upon data size, data distribution, and skewness.											
414	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
415	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
416												
417	Antimony											
418												
419	General Statistics											
420	Total Number of Observations					44	Number of Distinct Observations					31
421	Number of Detects					7	Number of Non-Detects					37
422	Number of Distinct Detects					7	Number of Distinct Non-Detects					25
423	Minimum Detect					0.089	Minimum Non-Detect					0.072
424	Maximum Detect					4	Maximum Non-Detect					0.4
425	Variance Detects					2.343	Percent Non-Detects					84.09%
426	Mean Detects					1.433	SD Detects					1.531
427	Median Detects					0.66	CV Detects					1.068
428	Skewness Detects					1.152	Kurtosis Detects					-0.411
429	Mean of Logged Detects					-0.247	SD of Logged Detects					1.31
430												
431	Normal GOF Test on Detects Only											
432	Shapiro Wilk Test Statistic					0.808	Shapiro Wilk GOF Test					
433	5% Shapiro Wilk Critical Value					0.803	Detected Data appear Normal at 5% Significance Level					
434	Lilliefors Test Statistic					0.3	Lilliefors GOF Test					
435	5% Lilliefors Critical Value					0.335	Detected Data appear Normal at 5% Significance Level					
436	Detected Data appear Normal at 5% Significance Level											
437												
438	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
439					Mean	0.289				Standard Error of Mean		0.123
440					SD	0.753				95% KM (BCA) UCL		0.497
441					95% KM (t) UCL	0.495				95% KM (Percentile Bootstrap) UCL		0.501
442					95% KM (z) UCL	0.491				95% KM Bootstrap t UCL		0.887
443					90% KM Chebyshev UCL	0.657				95% KM Chebyshev UCL		0.824
444					97.5% KM Chebyshev UCL	1.055				99% KM Chebyshev UCL		1.509
445												
446	Gamma GOF Tests on Detected Observations Only											
447					A-D Test Statistic	0.298	Anderson-Darling GOF Test					
448					5% A-D Critical Value	0.729	Detected data appear Gamma Distributed at 5% Significance Level					
449					K-S Test Statistic	0.194	Kolmogrov-Smirnoff GOF					
450					5% K-S Critical Value	0.32	Detected data appear Gamma Distributed at 5% Significance Level					
451	Detected data appear Gamma Distributed at 5% Significance Level											
452												
453	Gamma Statistics on Detected Data Only											
454					k hat (MLE)	0.957				k star (bias corrected MLE)		0.642
455					Theta hat (MLE)	1.498				Theta star (bias corrected MLE)		2.232
456					nu hat (MLE)	13.39				nu star (bias corrected)		8.986
457					MLE Mean (bias corrected)	1.433				MLE Sd (bias corrected)		1.788
458												
459	Gamma Kaplan-Meier (KM) Statistics											
460					k hat (KM)	0.147				nu hat (KM)		12.97
461					Approximate Chi Square Value (12.97, α)	5.874				Adjusted Chi Square Value (12.97, β)		5.712
462					95% Gamma Approximate KM-UCL (use when n>=50)	0.638				95% Gamma Adjusted KM-UCL (use when n<50)		0.657
463												
464	Gamma ROS Statistics using Imputed Non-Detects											
465	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
466	GROS may not be used when kstar of detected data is small such as < 0.1											
467	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
468	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
469					Minimum	0.01				Mean		0.236
470					Maximum	4				Median		0.01
471					SD	0.777				CV		3.288
472					k hat (MLE)	0.282				k star (bias corrected MLE)		0.278
473					Theta hat (MLE)	0.838				Theta star (bias corrected MLE)		0.85
474					nu hat (MLE)	24.82				nu star (bias corrected)		24.46
475					MLE Mean (bias corrected)	0.236				MLE Sd (bias corrected)		0.448
476										Adjusted Level of Significance (β)		0.0445
477					Approximate Chi Square Value (24.46, α)	14.2				Adjusted Chi Square Value (24.46, β)		13.94
478					95% Gamma Approximate UCL (use when n>=50)	0.407				95% Gamma Adjusted UCL (use when n<50)		0.415
479												
480	Lognormal GOF Test on Detected Observations Only											
481					Shapiro Wilk Test Statistic	0.954	Shapiro Wilk GOF Test					
482					5% Shapiro Wilk Critical Value	0.803	Detected Data appear Lognormal at 5% Significance Level					
483					Lilliefors Test Statistic	0.159	Lilliefors GOF Test					
484					5% Lilliefors Critical Value	0.335	Detected Data appear Lognormal at 5% Significance Level					
485	Detected Data appear Lognormal at 5% Significance Level											
486												
487	Lognormal ROS Statistics Using Imputed Non-Detects											
488					Mean in Original Scale	0.232				Mean in Log Scale		-5.058
489					SD in Original Scale	0.779				SD in Log Scale		2.391
490					95% t UCL (assumes normality of ROS data)	0.429				95% Percentile Bootstrap UCL		0.441
491					95% BCA Bootstrap UCL	0.559				95% Bootstrap t UCL		0.951
492					95% H-UCL (Log ROS)	0.521						
493												
494	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
495					KM Mean (logged)	-2.246				95% H-UCL (KM -Log)		0.249
496					KM SD (logged)	0.997				95% Critical H Value (KM-Log)		2.363
497					KM Standard Error of Mean (logged)	0.163						
498												
499	DL/2 Statistics											
500	DL/2 Normal						DL/2 Log-Transformed					

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
501					Mean in Original Scale	0.281					Mean in Log Scale	-2.485
502					SD in Original Scale	0.765					SD in Log Scale	1.192
503					95% t UCL (Assumes normality)	0.475					95% H-Stat UCL	0.272
504	DL/2 is not a recommended method, provided for comparisons and historical reasons											
505												
506	Nonparametric Distribution Free UCL Statistics											
507	Detected Data appear Normal Distributed at 5% Significance Level											
508												
509	Suggested UCL to Use											
510					95% KM (t) UCL	0.495					95% KM (Percentile Bootstrap) UCL	0.501
511												
512	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
513	Recommendations are based upon data size, data distribution, and skewness.											
514	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
515	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
516												
517	Arsenic											
518												
519	General Statistics											
520					Total Number of Observations	116					Number of Distinct Observations	102
521					Number of Detects	108					Number of Non-Detects	8
522					Number of Distinct Detects	98					Number of Distinct Non-Detects	7
523					Minimum Detect	0.16					Minimum Non-Detect	0.245
524					Maximum Detect	102					Maximum Non-Detect	0.54
525					Variance Detects	127.5					Percent Non-Detects	6.897%
526					Mean Detects	3.437					SD Detects	11.29
527					Median Detects	1.08					CV Detects	3.285
528					Skewness Detects	7.231					Kurtosis Detects	58.03
529					Mean of Logged Detects	0.237					SD of Logged Detects	1.095
530												
531	Normal GOF Test on Detects Only											
532					Shapiro Wilk Test Statistic	0.276					Normal GOF Test on Detected Observations Only	
533					5% Shapiro Wilk P Value	0					Detected Data Not Normal at 5% Significance Level	
534					Lilliefors Test Statistic	0.386					Lilliefors GOF Test	
535					5% Lilliefors Critical Value	0.0853					Detected Data Not Normal at 5% Significance Level	
536	Detected Data Not Normal at 5% Significance Level											
537												
538	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
539					Mean	3.219					Standard Error of Mean	1.014
540					SD	10.87					95% KM (BCA) UCL	5.276
541					95% KM (t) UCL	4.901					95% KM (Percentile Bootstrap) UCL	5.093
542					95% KM (z) UCL	4.887					95% KM Bootstrap t UCL	8.67
543					90% KM Chebyshev UCL	6.261					95% KM Chebyshev UCL	7.64
544					97.5% KM Chebyshev UCL	9.553					99% KM Chebyshev UCL	13.31
545												
546	Gamma GOF Tests on Detected Observations Only											
547					A-D Test Statistic	10.53					Anderson-Darling GOF Test	
548					5% A-D Critical Value	0.808					Detected Data Not Gamma Distributed at 5% Significance Level	
549					K-S Test Statistic	0.23					Kolmogrov-Smirnoff GOF	
550					5% K-S Critical Value	0.0917					Detected Data Not Gamma Distributed at 5% Significance Level	
551	Detected Data Not Gamma Distributed at 5% Significance Level											
552												
553	Gamma Statistics on Detected Data Only											
554					k hat (MLE)	0.617					k star (bias corrected MLE)	0.606
555					Theta hat (MLE)	5.569					Theta star (bias corrected MLE)	5.67
556					nu hat (MLE)	133.3					nu star (bias corrected)	130.9
557					MLE Mean (bias corrected)	3.437					MLE Sd (bias corrected)	4.414
558												
559	Gamma Kaplan-Meier (KM) Statistics											
560					k hat (KM)	0.0876					nu hat (KM)	20.33
561					Approximate Chi Square Value (20.33, α)	11.1					Adjusted Chi Square Value (20.33, β)	11.01
562					95% Gamma Approximate KM-UCL (use when n>=50)	5.898					95% Gamma Adjusted KM-UCL (use when n<50)	5.944

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
563	Gamma (KM) may not be used when k hat (KM) is < 0.1											
564												
565	Gamma ROS Statistics using Imputed Non-Detects											
566	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
567	GROS may not be used when kstar of detected data is small such as < 0.1											
568	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
569	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
570					Minimum	0.01				Mean		3.201
571					Maximum	102				Median		1.025
572					SD	10.93				CV		3.414
573					k hat (MLE)	0.504				k star (bias corrected MLE)		0.496
574					Theta hat (MLE)	6.355				Theta star (bias corrected MLE)		6.448
575					nu hat (MLE)	116.8				nu star (bias corrected)		115.2
576					MLE Mean (bias corrected)	3.201				MLE Sd (bias corrected)		4.543
577										Adjusted Level of Significance (β)		0.0479
578					Approximate Chi Square Value (115.15, α)	91.38				Adjusted Chi Square Value (115.15, β)		91.11
579					95% Gamma Approximate UCL (use when n>=50)	4.033				95% Gamma Adjusted UCL (use when n<50)		4.045
580												
581	Lognormal GOF Test on Detected Observations Only											
582					Lilliefors Test Statistic	0.0918				Lilliefors GOF Test		
583					5% Lilliefors Critical Value	0.0853				Detected Data Not Lognormal at 5% Significance Level		
584	Detected Data Not Lognormal at 5% Significance Level											
585												
586	Lognormal ROS Statistics Using Imputed Non-Detects											
587					Mean in Original Scale	3.215				Mean in Log Scale		0.114
588					SD in Original Scale	10.92				SD in Log Scale		1.151
589					95% t UCL (assumes normality of ROS data)	4.896				95% Percentile Bootstrap UCL		5.122
590					95% BCA Bootstrap UCL	5.792				95% Bootstrap t UCL		8.648
591					95% H-UCL (Log ROS)	2.803						
592												
593	DL/2 Statistics											
594					DL/2 Normal					DL/2 Log-Transformed		
595					Mean in Original Scale	3.215				Mean in Log Scale		0.113
596					SD in Original Scale	10.92				SD in Log Scale		1.153
597					95% t UCL (Assumes normality)	4.896				95% H-Stat UCL		2.808
598	DL/2 is not a recommended method, provided for comparisons and historical reasons											
599												
600	Nonparametric Distribution Free UCL Statistics											
601	Data do not follow a Discernible Distribution at 5% Significance Level											
602												
603	Suggested UCL to Use											
604					95% KM (Chebyshev) UCL	7.64						
605												
606	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
607	Recommendations are based upon data size, data distribution, and skewness.											
608	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
609	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
610												
611												
612	Chromium											
613												
614	General Statistics											
615					Total Number of Observations	114				Number of Distinct Observations		83
616										Number of Missing Observations		0
617					Minimum	5.6				Mean		22.6
618					Maximum	197				Median		18
619					SD	21.96				Std. Error of Mean		2.057
620					Coefficient of Variation	0.972				Skewness		5.368
621												
622	Normal GOF Test											
623					Shapiro Wilk Test Statistic	0.525				Shapiro Wilk GOF Test		
624					5% Shapiro Wilk P Value	0				Data Not Normal at 5% Significance Level		

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
625					Lilliefors Test Statistic	0.255	Lilliefors GOF Test					
626					5% Lilliefors Critical Value	0.083	Data Not Normal at 5% Significance Level					
627	Data Not Normal at 5% Significance Level											
628												
629	Assuming Normal Distribution											
630			95% Normal UCL				95% UCLs (Adjusted for Skewness)					
631					95% Student's-t UCL	26.01				95% Adjusted-CLT UCL (Chen-1995)		27.09
632										95% Modified-t UCL (Johnson-1978)		26.18
633												
634	Gamma GOF Test											
635					A-D Test Statistic	5.178	Anderson-Darling Gamma GOF Test					
636					5% A-D Critical Value	0.761	Data Not Gamma Distributed at 5% Significance Level					
637					K-S Test Statistic	0.169	Kolmogrov-Smirnoff Gamma GOF Test					
638					5% K-S Critical Value	0.0866	Data Not Gamma Distributed at 5% Significance Level					
639	Data Not Gamma Distributed at 5% Significance Level											
640												
641	Gamma Statistics											
642					k hat (MLE)	2.722				k star (bias corrected MLE)		2.657
643					Theta hat (MLE)	8.301				Theta star (bias corrected MLE)		8.506
644					nu hat (MLE)	620.7				nu star (bias corrected)		605.7
645					MLE Mean (bias corrected)	22.6				MLE Sd (bias corrected)		13.86
646										Approximate Chi Square Value (0.05)		549.6
647					Adjusted Level of Significance	0.0479				Adjusted Chi Square Value		548.9
648												
649	Assuming Gamma Distribution											
650				95% Approximate Gamma UCL (use when n>=50))		24.9				95% Adjusted Gamma UCL (use when n<50)		24.93
651												
652	Lognormal GOF Test											
653					Shapiro Wilk Test Statistic	0.931	Shapiro Wilk Lognormal GOF Test					
654					5% Shapiro Wilk P Value	4.2744E-6	Data Not Lognormal at 5% Significance Level					
655					Lilliefors Test Statistic	0.11	Lilliefors Lognormal GOF Test					
656					5% Lilliefors Critical Value	0.083	Data Not Lognormal at 5% Significance Level					
657	Data Not Lognormal at 5% Significance Level											
658												
659	Lognormal Statistics											
660					Minimum of Logged Data	1.723				Mean of logged Data		2.923
661					Maximum of Logged Data	5.283				SD of logged Data		0.546
662												
663	Assuming Lognormal Distribution											
664					95% H-UCL	23.76				90% Chebyshev (MVUE) UCL		25.09
665					95% Chebyshev (MVUE) UCL	26.69				97.5% Chebyshev (MVUE) UCL		28.91
666					99% Chebyshev (MVUE) UCL	33.27						
667												
668	Nonparametric Distribution Free UCL Statistics											
669	Data do not follow a Discernible Distribution (0.05)											
670												
671	Nonparametric Distribution Free UCLs											
672					95% CLT UCL	25.98				95% Jackknife UCL		26.01
673					95% Standard Bootstrap UCL	26.08				95% Bootstrap-t UCL		28.28
674					95% Hall's Bootstrap UCL	40.85				95% Percentile Bootstrap UCL		26.11
675					95% BCA Bootstrap UCL	27.76						
676					90% Chebyshev(Mean, Sd) UCL	28.77				95% Chebyshev(Mean, Sd) UCL		31.56
677					97.5% Chebyshev(Mean, Sd) UCL	35.44				99% Chebyshev(Mean, Sd) UCL		43.07
678												
679	Suggested UCL to Use											
680					95% Chebyshev (Mean, Sd) UCL	31.56						
681												
682	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
683	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
684	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
685	For additional insight the user may want to consult a statistician.											
686												

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
687												
688	Cobalt											
689												
690	General Statistics											
691					Total Number of Observations	116			Number of Distinct Observations			89
692									Number of Missing Observations			0
693					Minimum	6.6			Mean			22.29
694					Maximum	59.7			Median			21.55
695					SD	8.329			Std. Error of Mean			0.773
696					Coefficient of Variation	0.374			Skewness			1.228
697												
698	Normal GOF Test											
699					Shapiro Wilk Test Statistic	0.939			Shapiro Wilk GOF Test			
700					5% Shapiro Wilk P Value	4.0628E-5			Data Not Normal at 5% Significance Level			
701					Lilliefors Test Statistic	0.0878			Lilliefors GOF Test			
702					5% Lilliefors Critical Value	0.0823			Data Not Normal at 5% Significance Level			
703	Data Not Normal at 5% Significance Level											
704												
705	Assuming Normal Distribution											
706				95% Normal UCL					95% UCLs (Adjusted for Skewness)			
707					95% Student's-t UCL	23.57			95% Adjusted-CLT UCL (Chen-1995)			23.65
708									95% Modified-t UCL (Johnson-1978)			23.58
709												
710	Gamma GOF Test											
711					A-D Test Statistic	0.285			Anderson-Darling Gamma GOF Test			
712					5% A-D Critical Value	0.753			Detected data appear Gamma Distributed at 5% Significance Level			
713					K-S Test Statistic	0.0484			Kolmogrov-Smirnoff Gamma GOF Test			
714					5% K-S Critical Value	0.0854			Detected data appear Gamma Distributed at 5% Significance Level			
715	Detected data appear Gamma Distributed at 5% Significance Level											
716												
717	Gamma Statistics											
718					k hat (MLE)	7.72			k star (bias corrected MLE)			7.527
719					Theta hat (MLE)	2.887			Theta star (bias corrected MLE)			2.961
720					nu hat (MLE)	1791			nu star (bias corrected)			1746
721					MLE Mean (bias corrected)	22.29			MLE Sd (bias corrected)			8.124
722									Approximate Chi Square Value (0.05)			1650
723					Adjusted Level of Significance	0.0479			Adjusted Chi Square Value			1649
724												
725	Assuming Gamma Distribution											
726					95% Approximate Gamma UCL (use when n>=50)	23.58			95% Adjusted Gamma UCL (use when n<50)			23.6
727												
728	Lognormal GOF Test											
729					Shapiro Wilk Test Statistic	0.99			Shapiro Wilk Lognormal GOF Test			
730					5% Shapiro Wilk P Value	0.95			Data appear Lognormal at 5% Significance Level			
731					Lilliefors Test Statistic	0.0498			Lilliefors Lognormal GOF Test			
732					5% Lilliefors Critical Value	0.0823			Data appear Lognormal at 5% Significance Level			
733	Data appear Lognormal at 5% Significance Level											
734												
735	Lognormal Statistics											
736					Minimum of Logged Data	1.887			Mean of logged Data			3.038
737					Maximum of Logged Data	4.089			SD of logged Data			0.369
738												
739	Assuming Lognormal Distribution											
740					95% H-UCL	23.74			90% Chebyshev (MVUE) UCL			24.69
741					95% Chebyshev (MVUE) UCL	25.76			97.5% Chebyshev (MVUE) UCL			27.25
742					99% Chebyshev (MVUE) UCL	30.18						
743												
744	Nonparametric Distribution Free UCL Statistics											
745	Data appear to follow a Discernible Distribution at 5% Significance Level											
746												
747	Nonparametric Distribution Free UCLs											
748					95% CLT UCL	23.56			95% Jackknife UCL			23.57

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
749	95% Standard Bootstrap UCL					23.55	95% Bootstrap-t UCL					23.72
750	95% Hall's Bootstrap UCL					23.66	95% Percentile Bootstrap UCL					23.56
751	95% BCA Bootstrap UCL					23.68						
752	90% Chebyshev(Mean, Sd) UCL					24.61	95% Chebyshev(Mean, Sd) UCL					25.66
753	97.5% Chebyshev(Mean, Sd) UCL					27.12	99% Chebyshev(Mean, Sd) UCL					29.98
754												
755	Suggested UCL to Use											
756	95% Approximate Gamma UCL					23.58						
757												
758	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
759	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
760	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
761	For additional insight the user may want to consult a statistician.											
762												
763												
764	Copper											
765												
766	General Statistics											
767	Total Number of Observations					116	Number of Distinct Observations					98
768							Number of Missing Observations					0
769	Minimum					8.2	Mean					93.8
770	Maximum					624	Median					83.8
771	SD					71.58	Std. Error of Mean					6.646
772	Coefficient of Variation					0.763	Skewness					3.903
773												
774	Normal GOF Test											
775	Shapiro Wilk Test Statistic					0.74	Shapiro Wilk GOF Test					
776	5% Shapiro Wilk P Value					0	Data Not Normal at 5% Significance Level					
777	Lilliefors Test Statistic					0.185	Lilliefors GOF Test					
778	5% Lilliefors Critical Value					0.0823	Data Not Normal at 5% Significance Level					
779	Data Not Normal at 5% Significance Level											
780												
781	Assuming Normal Distribution											
782	95% Normal UCL						95% UCLs (Adjusted for Skewness)					
783	95% Student's-t UCL					104.8	95% Adjusted-CLT UCL (Chen-1995)					107.3
784							95% Modified-t UCL (Johnson-1978)					105.2
785												
786	Gamma GOF Test											
787	A-D Test Statistic					1.507	Anderson-Darling Gamma GOF Test					
788	5% A-D Critical Value					0.763	Data Not Gamma Distributed at 5% Significance Level					
789	K-S Test Statistic					0.0991	Kolmogrov-Smirnoff Gamma GOF Test					
790	5% K-S Critical Value					0.0863	Data Not Gamma Distributed at 5% Significance Level					
791	Data Not Gamma Distributed at 5% Significance Level											
792												
793	Gamma Statistics											
794	k hat (MLE)					2.341	k star (bias corrected MLE)					2.286
795	Theta hat (MLE)					40.06	Theta star (bias corrected MLE)					41.02
796	nu hat (MLE)					543.2	nu star (bias corrected)					530.5
797	MLE Mean (bias corrected)					93.8	MLE Sd (bias corrected)					62.03
798							Approximate Chi Square Value (0.05)					478
799	Adjusted Level of Significance					0.0479	Adjusted Chi Square Value					477.4
800												
801	Assuming Gamma Distribution											
802	95% Approximate Gamma UCL (use when n>=50))					104.1	95% Adjusted Gamma UCL (use when n<50)					104.2
803												
804	Lognormal GOF Test											
805	Shapiro Wilk Test Statistic					0.937	Shapiro Wilk Lognormal GOF Test					
806	5% Shapiro Wilk P Value					1.8703E-5	Data Not Lognormal at 5% Significance Level					
807	Lilliefors Test Statistic					0.131	Lilliefors Lognormal GOF Test					
808	5% Lilliefors Critical Value					0.0823	Data Not Lognormal at 5% Significance Level					
809	Data Not Lognormal at 5% Significance Level											
810												

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
811	Lognormal Statistics											
812					Minimum of Logged Data	2.104				Mean of logged Data		4.313
813					Maximum of Logged Data	6.436				SD of logged Data		0.724
814												
815	Assuming Lognormal Distribution											
816					95% H-UCL	110.9				90% Chebyshev (MVUE) UCL		118.4
817					95% Chebyshev (MVUE) UCL	128.2				97.5% Chebyshev (MVUE) UCL		141.9
818					99% Chebyshev (MVUE) UCL	168.7						
819												
820	Nonparametric Distribution Free UCL Statistics											
821	Data do not follow a Discernible Distribution (0.05)											
822												
823	Nonparametric Distribution Free UCLs											
824					95% CLT UCL	104.7				95% Jackknife UCL		104.8
825					95% Standard Bootstrap UCL	104.6				95% Bootstrap-t UCL		108
826					95% Hall's Bootstrap UCL	113.6				95% Percentile Bootstrap UCL		104.9
827					95% BCA Bootstrap UCL	107.7						
828					90% Chebyshev(Mean, Sd) UCL	113.7				95% Chebyshev(Mean, Sd) UCL		122.8
829					97.5% Chebyshev(Mean, Sd) UCL	135.3				99% Chebyshev(Mean, Sd) UCL		159.9
830												
831	Suggested UCL to Use											
832					95% Chebyshev (Mean, Sd) UCL	122.8						
833												
834	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
835	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
836	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
837	For additional insight the user may want to consult a statistician.											
838												
839	Thallium											
840												
841	General Statistics											
842					Total Number of Observations	116				Number of Distinct Observations		77
843					Number of Detects	65				Number of Non-Detects		51
844					Number of Distinct Detects	63				Number of Distinct Non-Detects		17
845					Minimum Detect	0.0174				Minimum Non-Detect		0.0411
846					Maximum Detect	0.35				Maximum Non-Detect		0.348
847					Variance Detects	0.0041				Percent Non-Detects		43.97%
848					Mean Detects	0.0662				SD Detects		0.064
849					Median Detects	0.0474				CV Detects		0.966
850					Skewness Detects	2.941				Kurtosis Detects		9.19
851					Mean of Logged Detects	-2.978				SD of Logged Detects		0.664
852												
853	Normal GOF Test on Detects Only											
854					Shapiro Wilk Test Statistic	0.635				Normal GOF Test on Detected Observations Only		
855					5% Shapiro Wilk P Value	0				Detected Data Not Normal at 5% Significance Level		
856					Lilliefors Test Statistic	0.257				Lilliefors GOF Test		
857					5% Lilliefors Critical Value	0.11				Detected Data Not Normal at 5% Significance Level		
858	Detected Data Not Normal at 5% Significance Level											
859												
860	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
861					Mean	0.0574				Standard Error of Mean		0.00506
862					SD	0.0508				95% KM (BCA) UCL		0.066
863					95% KM (t) UCL	0.0657				95% KM (Percentile Bootstrap) UCL		0.0663
864					95% KM (z) UCL	0.0657				95% KM Bootstrap t UCL		0.0677
865					90% KM Chebyshev UCL	0.0725				95% KM Chebyshev UCL		0.0794
866					97.5% KM Chebyshev UCL	0.0889				99% KM Chebyshev UCL		0.108
867												
868	Gamma GOF Tests on Detected Observations Only											
869					A-D Test Statistic	2.668				Anderson-Darling GOF Test		
870					5% A-D Critical Value	0.763				Detected Data Not Gamma Distributed at 5% Significance Level		
871					K-S Test Statistic	0.17				Kolmogrov-Smirnoff GOF		
872					5% K-S Critical Value	0.112				Detected Data Not Gamma Distributed at 5% Significance Level		

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
873	Detected Data Not Gamma Distributed at 5% Significance Level											
874												
875	Gamma Statistics on Detected Data Only											
876					k hat (MLE)	2.054			k star (bias corrected MLE)			1.97
877					Theta hat (MLE)	0.0322			Theta star (bias corrected MLE)			0.0336
878					nu hat (MLE)	267.1			nu star (bias corrected)			256.1
879					MLE Mean (bias corrected)	0.0662			MLE Sd (bias corrected)			0.0472
880												
881	Gamma Kaplan-Meier (KM) Statistics											
882					k hat (KM)	1.276			nu hat (KM)			296.1
883					Approximate Chi Square Value (296.12, α)	257.3			Adjusted Chi Square Value (296.12, β)			256.8
884					95% Gamma Approximate KM-UCL (use when n>=50)	0.066			95% Gamma Adjusted KM-UCL (use when n<50)			0.0661
885												
886	Gamma ROS Statistics using Imputed Non-Detects											
887	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
888	GROS may not be used when kstar of detected data is small such as < 0.1											
889	For such situations, GROS method tends to yield inflated values of UCLs and BTVs											
890	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
891					Minimum	0.01			Mean			0.0573
892					Maximum	0.35			Median			0.0447
893					SD	0.0525			CV			0.917
894					k hat (MLE)	2.076			k star (bias corrected MLE)			2.028
895					Theta hat (MLE)	0.0276			Theta star (bias corrected MLE)			0.0282
896					nu hat (MLE)	481.6			nu star (bias corrected)			470.5
897					MLE Mean (bias corrected)	0.0573			MLE Sd (bias corrected)			0.0402
898									Adjusted Level of Significance (β)			0.0479
899					Approximate Chi Square Value (470.49, α)	421.2			Adjusted Chi Square Value (470.49, β)			420.6
900					95% Gamma Approximate UCL (use when n>=50)	0.064			95% Gamma Adjusted UCL (use when n<50)			0.0641
901												
902	Lognormal GOF Test on Detected Observations Only											
903					Lilliefors Test Statistic	0.109			Lilliefors GOF Test			
904					5% Lilliefors Critical Value	0.11			Detected Data appear Lognormal at 5% Significance Level			
905	Detected Data appear Approximate Lognormal at 5% Significance Level											
906												
907	Lognormal ROS Statistics Using Imputed Non-Detects											
908					Mean in Original Scale	0.0576			Mean in Log Scale			-3.052
909					SD in Original Scale	0.0504			SD in Log Scale			0.57
910					95% t UCL (assumes normality of ROS data)	0.0654			95% Percentile Bootstrap UCL			0.0651
911					95% BCA Bootstrap UCL	0.0674			95% Bootstrap t UCL			0.0685
912					95% H-UCL (Log ROS)	0.0615						
913												
914	UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed											
915					KM Mean (logged)	-3.069			95% H-UCL (KM -Log)			0.0614
916					KM SD (logged)	0.59			95% Critical H Value (KM-Log)			1.892
917					KM Standard Error of Mean (logged)	0.0666						
918												
919	DL/2 Statistics											
920					DL/2 Normal				DL/2 Log-Transformed			
921					Mean in Original Scale	0.0648			Mean in Log Scale			-2.909
922					SD in Original Scale	0.05			SD in Log Scale			0.553
923					95% t UCL (Assumes normality)	0.0725			95% H-Stat UCL			0.07
924	DL/2 is not a recommended method, provided for comparisons and historical reasons											
925												
926	Nonparametric Distribution Free UCL Statistics											
927	Detected Data appear Approximate Lognormal Distributed at 5% Significance Level											
928												
929	Suggested UCL to Use											
930					95% KM (t) UCL	0.0657					95% KM (% Bootstrap) UCL	0.0663
931												
932	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
933	Recommendations are based upon data size, data distribution, and skewness.											
934	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											

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1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
935	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
936												
937												
938	Vanadium											
939												
940	General Statistics											
941					Total Number of Observations	116			Number of Distinct Observations			75
942									Number of Missing Observations			0
943					Minimum	55			Mean			151.6
944					Maximum	780			Median			135.5
945					SD	81.02			Std. Error of Mean			7.523
946					Coefficient of Variation	0.535			Skewness			4.652
947												
948	Normal GOF Test											
949					Shapiro Wilk Test Statistic	0.664			Shapiro Wilk GOF Test			
950					5% Shapiro Wilk P Value	0			Data Not Normal at 5% Significance Level			
951					Lilliefors Test Statistic	0.178			Lilliefors GOF Test			
952					5% Lilliefors Critical Value	0.0823			Data Not Normal at 5% Significance Level			
953	Data Not Normal at 5% Significance Level											
954												
955	Assuming Normal Distribution											
956				95% Normal UCL					95% UCLs (Adjusted for Skewness)			
957					95% Student's-t UCL	164			95% Adjusted-CLT UCL (Chen-1995)			167.4
958									95% Modified-t UCL (Johnson-1978)			164.6
959												
960	Gamma GOF Test											
961					A-D Test Statistic	2.361			Anderson-Darling Gamma GOF Test			
962					5% A-D Critical Value	0.754			Data Not Gamma Distributed at 5% Significance Level			
963					K-S Test Statistic	0.112			Kolmogrov-Smirnoff Gamma GOF Test			
964					5% K-S Critical Value	0.0854			Data Not Gamma Distributed at 5% Significance Level			
965	Data Not Gamma Distributed at 5% Significance Level											
966												
967	Gamma Statistics											
968					k hat (MLE)	6.184			k star (bias corrected MLE)			6.03
969					Theta hat (MLE)	24.51			Theta star (bias corrected MLE)			25.14
970					nu hat (MLE)	1435			nu star (bias corrected)			1399
971					MLE Mean (bias corrected)	151.6			MLE Sd (bias corrected)			61.72
972									Approximate Chi Square Value (0.05)			1313
973					Adjusted Level of Significance	0.0479			Adjusted Chi Square Value			1312
974												
975	Assuming Gamma Distribution											
976					95% Approximate Gamma UCL (use when n>=50))	161.5			95% Adjusted Gamma UCL (use when n<50)			161.6
977												
978	Lognormal GOF Test											
979					Shapiro Wilk Test Statistic	0.959			Shapiro Wilk Lognormal GOF Test			
980					5% Shapiro Wilk P Value	0.00966			Data Not Lognormal at 5% Significance Level			
981					Lilliefors Test Statistic	0.0768			Lilliefors Lognormal GOF Test			
982					5% Lilliefors Critical Value	0.0823			Data appear Lognormal at 5% Significance Level			
983	Data appear Approximate Lognormal at 5% Significance Level											
984												
985	Lognormal Statistics											
986					Minimum of Logged Data	4.007			Mean of logged Data			4.938
987					Maximum of Logged Data	6.659			SD of logged Data			0.379
988												
989	Assuming Lognormal Distribution											
990					95% H-UCL	159.6			90% Chebyshev (MVUE) UCL			166.1
991					95% Chebyshev (MVUE) UCL	173.5			97.5% Chebyshev (MVUE) UCL			183.8
992					99% Chebyshev (MVUE) UCL	204						
993												
994	Nonparametric Distribution Free UCL Statistics											
995	Data appear to follow a Discernible Distribution at 5% Significance Level											
996												

	A	B	C	D	E	F	G	H	I	J	K	L
1	Attachment 5 - ProUCL Output (Total Soil)											
2	SWMU 78 - Pole Yard											
3	Naval Activity Puerto Rico											
4												
997	Nonparametric Distribution Free UCLs											
998					95% CLT UCL	163.9				95% Jackknife UCL		164
999					95% Standard Bootstrap UCL	164.1				95% Bootstrap-t UCL		169.3
1000					95% Hall's Bootstrap UCL	182.7				95% Percentile Bootstrap UCL		164.6
1001					95% BCA Bootstrap UCL	168.2						
1002					90% Chebyshev(Mean, Sd) UCL	174.1				95% Chebyshev(Mean, Sd) UCL		184.4
1003					97.5% Chebyshev(Mean, Sd) UCL	198.5				99% Chebyshev(Mean, Sd) UCL		226.4
1004												
1005	Suggested UCL to Use											
1006					95% Student's-t UCL	164				or 95% Modified-t UCL		164.6
1007												
1008	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
1009	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
1010	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
1011	For additional insight the user may want to consult a statistician.											
1012												

Attachment 6
Comparison of Detection Limits and Reporting Limits to Screening Levels

Attachment 6

Comparison of Adjusted RSL to Reporting Limits

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

CAS Number	Chemical	Minimum [1] Reporting Limit	Maximum [1] Reporting Limit	Units	Detection Frequency	Screening Toxicity Value	[3]	Maximum RL Exceeds Screening Level?
630-20-6	1,1,1,2-Tetrachloroethane	3.90E-03	9.60E-03	MG/KG	0/44	2.00E+00	C	NO
71-55-6	1,1,1-Trichloroethane	3.90E-03	9.60E-03	MG/KG	0/44	6.40E+02	SAT	NO
79-34-5	1,1,2,2-Tetrachloroethane	3.90E-03	9.60E-03	MG/KG	0/44	6.00E-01	C	NO
79-00-5	1,1,2-Trichloroethane	3.90E-03	9.60E-03	MG/KG	0/44	1.50E-01	N	NO
75-34-3	1,1-Dichloroethane	3.90E-03	9.60E-03	MG/KG	0/44	3.60E+00	C	NO
75-35-4	1,1-Dichloroethene	3.90E-03	9.60E-03	MG/KG	0/44	2.30E+01	N	NO
96-18-4	1,2,3-Trichloropropane	3.90E-03	9.60E-03	MG/KG	0/44	5.10E-03	C	YES
120-82-1	1,2,4-Trichlorobenzene	3.40E-02	8.00E-01	MG/KG	0/44	5.80E+00	N	NO
96-12-8	1,2-Dibromo-3-chloropropane	7.90E-03	1.90E-02	MG/KG	0/44	5.30E-03	C	YES
106-93-4	1,2-Dibromoethane	3.90E-03	9.60E-03	MG/KG	0/44	3.60E-02	C	NO
95-50-1	1,2-Dichlorobenzene	3.40E-02	8.00E-01	MG/KG	0/44	1.80E+02	N	NO
107-06-2	1,2-Dichloroethane	3.90E-03	9.60E-03	MG/KG	0/44	4.60E-01	C	NO
78-87-5	1,2-Dichloropropane	3.90E-03	9.60E-03	MG/KG	0/44	1.00E+00	C	NO
541-73-1	1,3-Dichlorobenzene	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
78-93-3	2-Butanone	2.00E-02	4.80E-02	MG/KG	0/44	2.70E+03	N	NO
126-99-8	2-Chloro-1,3-butadiene	3.90E-03	9.60E-03	MG/KG	0/44	1.00E-02	C	NO
108-10-1	4-Methyl-2-pentanone	2.00E-02	4.80E-02	MG/KG	0/44	5.30E+02	N	NO
75-05-8	Acetonitrile	1.60E-01	3.80E-01	MG/KG	0/44	8.10E+01	N	NO
107-02-8	Acrolein	7.90E-02	1.90E-01	MG/KG	0/44	1.40E-02	N	YES
107-13-1	Acrylonitrile	7.90E-02	1.90E-01	MG/KG	0/44	2.50E-01	C	NO
107-05-1	Allyl chloride	3.90E-03	9.60E-03	MG/KG	0/44	1.70E-01	N	NO
75-27-4	Bromodichloromethane	3.90E-03	9.60E-03	MG/KG	0/44	2.90E-01	C	NO
75-25-2	Bromoform	3.90E-03	9.60E-03	MG/KG	0/44	6.70E+01	C	NO
74-83-9	Bromomethane	3.90E-03	9.60E-03	MG/KG	0/44	6.80E-01	N	NO
56-23-5	Carbon tetrachloride	3.90E-03	9.60E-03	MG/KG	0/44	6.50E-01	C	NO
108-90-7	Chlorobenzene	3.90E-03	9.60E-03	MG/KG	0/44	2.80E+01	N	NO
75-00-3	Chloroethane	3.90E-03	9.60E-03	MG/KG	0/44	1.40E+03	N	NO
67-66-3	Chloroform	3.90E-03	9.60E-03	MG/KG	0/44	3.20E-01	C	NO
10061-01-5	cis-1,3-Dichloropropene	3.90E-03	9.60E-03	MG/KG	0/44	1.80E+00	C	NO
124-48-1	Dibromochloromethane	3.90E-03	9.60E-03	MG/KG	0/44	7.30E-01	C	NO
74-95-3	Dibromomethane	3.90E-03	9.60E-03	MG/KG	0/44	2.30E+00	N	NO
75-71-8	Dichlorodifluoromethane (Freon-12)	3.90E-03	9.60E-03	MG/KG	0/44	8.70E+00	N	NO
100-41-4	Ethylbenzene	3.90E-03	9.60E-03	MG/KG	0/44	5.80E+00	C	NO
97-63-2	Ethyl methacrylate	3.90E-03	9.60E-03	MG/KG	0/44	1.40E+02	N	NO
78-83-1	Isobutanol	1.60E-01	3.80E-01	MG/KG	0/33	1.80E+03	N	NO
126-98-7	Methacrylonitrile	7.90E-02	1.90E-01	MG/KG	0/44	7.50E-01	N	NO
80-62-6	Methyl methacrylate	3.90E-03	9.60E-03	MG/KG	0/44	4.40E+02	N	NO
75-09-2	Methylene chloride	3.90E-03	9.60E-03	MG/KG	0/44	3.50E+01	N	NO
107-12-0	Propionitrile	7.90E-02	1.90E-01	MG/KG	0/44	NA		NO
100-42-5	Styrene	3.90E-03	9.60E-03	MG/KG	0/44	6.00E+02	N	NO
127-18-4	Tetrachloroethene	3.90E-03	9.60E-03	MG/KG	0/44	8.10E+00	N	NO
108-88-3	Toluene	3.90E-03	9.60E-03	MG/KG	0/44	4.90E+02	N	NO
156-60-5	trans-1,2-Dichloroethene	3.90E-03	9.60E-03	MG/KG	0/44	1.60E+02	N	NO
10061-02-6	trans-1,3-Dichloropropene	3.90E-03	9.60E-03	MG/KG	0/44	1.80E+00	C	NO
110-57-6	trans-1,4-Dichloro-2-butene	7.90E-03	1.90E-02	MG/KG	0/44	7.40E-03	C	YES
79-01-6	Trichloroethene	3.90E-03	9.60E-03	MG/KG	0/44	4.10E-01	N	NO
75-69-4	Trichlorofluoromethane (Freon-11)	3.90E-03	9.60E-03	MG/KG	0/44	7.30E+01	N	NO
108-05-4	Vinyl acetate	7.90E-03	1.90E-02	MG/KG	0/44	9.10E+01	N	NO
75-01-4	Vinyl chloride	3.90E-03	9.60E-03	MG/KG	0/44	5.90E-02	C	NO
1330-20-7	Xylene, total	7.90E-03	1.90E-02	MG/KG	0/44	5.80E+01	N	NO
92-52-4	1,1-Biphenyl	3.40E-02	8.00E-01	MG/KG	0/44	4.70E+00	N	NO
95-94-3	1,2,4,5-Tetrachlorobenzene	3.40E-02	8.00E-01	MG/KG	0/44	1.80E+00	N	NO
123-91-1	1,4-Dioxane	3.40E-02	8.00E-01	MG/KG	0/44	5.30E+00	C	NO

Attachment 6

Comparison of Adjusted RSL to Reporting Limits

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

CAS Number	Chemical	Minimum [1] Reporting Limit	Maximum [1] Reporting Limit	Units	Detection Frequency	Screening Toxicity Value	[3]	Maximum RL Exceeds Screening Level?
130-15-4	1,4-Naphthoquinone	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
108-60-1	2,2'-Oxybis(1-chloropropane)	3.40E-02	8.00E-01	MG/KG	0/44	4.90E+00	C	NO
58-90-2	2,3,4,6-Tetrachlorophenol	3.40E-02	8.00E-01	MG/KG	0/44	1.80E+02	N	NO
95-95-4	2,4,5-Trichlorophenol	3.40E-02	8.00E-01	MG/KG	0/44	6.20E+02	N	NO
88-06-2	2,4,6-Trichlorophenol	3.40E-02	8.00E-01	MG/KG	0/44	6.20E+00	N	NO
120-83-2	2,4-Dichlorophenol	3.40E-02	8.00E-01	MG/KG	0/44	1.80E+01	N	NO
105-67-9	2,4-Dimethylphenol	6.90E-02	1.60E+00	MG/KG	0/44	1.20E+02	N	NO
51-28-5	2,4-Dinitrophenol	3.40E-01	8.00E+00	MG/KG	0/44	1.20E+01	N	NO
121-14-2	2,4-Dinitrotoluene	3.40E-02	8.00E-01	MG/KG	0/44	1.70E+00	C	NO
87-65-0	2,6-Dichlorophenol	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
606-20-2	2,6-Dinitrotoluene	3.40E-02	8.00E-01	MG/KG	0/44	3.60E-01	C	YES
53-96-3	2-Acetylaminofluorene	3.40E-02	8.00E-01	MG/KG	0/44	1.40E-01	C	YES
91-58-7	2-Chloronaphthalene	3.40E-02	8.00E-01	MG/KG	0/44	6.30E+02	N	NO
95-57-8	2-Chlorophenol	3.40E-02	8.00E-01	MG/KG	0/44	3.90E+01	N	NO
99-55-8	2-Methyl-5-nitroaniline	3.40E-02	8.00E-01	MG/KG	0/44	5.90E+01	C	NO
95-53-4	2-Methylaniline	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
95-48-7	2-Methylphenol	3.40E-02	8.00E-01	MG/KG	0/44	3.10E+02	N	NO
91-59-8	2-Naphthylamine	6.90E-02	1.60E+00	MG/KG	0/44	3.00E-01	C	YES
88-74-4	2-Nitroaniline	1.80E-01	4.10E+00	MG/KG	0/44	6.10E+01	N	NO
88-75-5	2-Nitrophenol	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
109-06-8	2-Picoline	6.90E-02	1.60E+00	MG/KG	0/44	NA		NO
m&pCRESOL	3- and 4-Methylphenol	3.40E-02	8.00E-01	MG/KG	0/44	3.10E+02	N	NO
91-94-1	3,3'-Dichlorobenzidine	6.90E-02	1.60E+00	MG/KG	0/44	1.20E+00	C	YES
119-93-7	3,3'-Dimethylbenzidine	6.90E-01	1.60E+01	MG/KG	0/44	4.80E-02	C	YES
56-49-5	3-Methylcholanthrene	3.40E-02	8.00E-01	MG/KG	0/43	5.40E-03	C	YES
99-09-2	3-Nitroaniline	1.80E-01	4.10E+00	MG/KG	0/44	NA		NO
534-52-1	4,6-Dinitro-2-methylphenol	1.80E-01	4.10E+00	MG/KG	0/44	4.90E-01	N	YES
92-67-1	4-Aminobiphenyl	6.90E-02	1.60E+00	MG/KG	0/44	2.50E-02	C	YES
101-55-3	4-Bromophenyl-phenylether	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
59-50-7	4-Chloro-3-methylphenol	3.40E-02	8.00E-01	MG/KG	0/44	6.20E+02	N	NO
106-47-8	4-Chloroaniline	6.90E-02	1.60E+00	MG/KG	0/44	2.70E+00	C	NO
7005-72-3	4-Chlorophenyl-phenylether	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
100-01-6	4-Nitroaniline	1.80E-01	4.10E+00	MG/KG	0/44	2.50E+01	N	NO
100-02-7	4-Nitrophenol	1.80E-01	4.10E+00	MG/KG	0/44	NA		NO
56-57-5	4-Nitroquinoline-1-oxide	4.30E-01	4.30E-01	MG/KG	0/1	NA		NO
57-97-6	7,12-Dimethylbenz(a)anthracene	3.40E-02	8.00E-01	MG/KG	0/44	4.50E-04	C	YES
122-09-8	a,a-Dimethylphenethylamine	7.00E+00	1.60E+02	MG/KG	0/44	NA		NO
98-86-2	Acetophenone	3.40E-02	8.00E-01	MG/KG	0/44	7.80E+02	N	NO
62-53-3	Aniline	6.90E-02	1.60E+00	MG/KG	0/44	4.30E+01	N	NO
140-57-8	Aramite	6.90E-02	1.60E+00	MG/KG	0/44	2.10E+01	C	NO
111-91-1	bis(2-Chloroethoxy)methane	3.40E-02	8.00E-01	MG/KG	0/44	1.80E+01	N	NO
111-44-4	bis(2-Chloroethyl)ether	3.40E-02	8.00E-01	MG/KG	0/44	2.30E-01	C	YES
85-68-7	Butylbenzylphthalate	3.40E-02	8.00E-01	MG/KG	0/44	2.80E+02	C	NO
84-66-2	Diethylphthalate	3.40E-02	8.00E-01	MG/KG	0/44	4.90E+03	N	NO
60-51-5	Dimethoate	3.40E-02	8.00E-01	MG/KG	0/44	1.20E+00	N	NO
131-11-3	Dimethyl phthalate	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
84-74-2	Di-n-butylphthalate	1.80E-01	4.10E+00	MG/KG	0/44	6.20E+02	N	NO
117-84-0	Di-n-octylphthalate	3.40E-02	8.00E-01	MG/KG	0/43	6.20E+01	N	NO
62-50-0	Ethyl methanesulfonate	6.90E-02	1.60E+00	MG/KG	0/44	NA		NO
52-85-7	Famphur	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
118-74-1	Hexachlorobenzene	3.40E-02	8.00E-01	MG/KG	0/44	3.30E-01	C	YES
87-68-3	Hexachlorobutadiene	3.40E-02	8.00E-01	MG/KG	0/44	6.20E+00	N	NO
77-47-4	Hexachlorocyclopentadiene	6.90E-02	1.60E+00	MG/KG	0/44	3.70E+01	N	NO
67-72-1	Hexachloroethane	3.40E-02	8.00E-01	MG/KG	0/44	4.30E+00	N	NO

Attachment 6

Comparison of Adjusted RSL to Reporting Limits

SWMU 78 - Pole Yard

Naval Activity Puerto Rico

CAS Number	Chemical	Minimum [1] Reporting Limit	Maximum [1] Reporting Limit	Units	Detection Frequency	Screening Toxicity Value	[3]	Maximum RL Exceeds Screening Level?
70-30-4	Hexachlorophene	1.80E+01	4.10E+02	MG/KG	0/23	1.80E+00	N	YES
1888-71-7	Hexachloropropene	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
78-59-1	Isophorone	3.40E-02	8.00E-01	MG/KG	0/44	5.60E+02	C	NO
120-58-1	Isosafrole	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
91-80-5	Methapyrilene	7.00E+00	1.60E+02	MG/KG	0/44	NA		NO
66-27-3	Methyl methanesulfonate	3.40E-02	8.00E-01	MG/KG	0/44	5.40E+00	C	NO
55-18-5	n-Nitrosodiethylamine	6.90E-02	1.60E+00	MG/KG	0/44	7.90E-04	C	YES
62-75-9	n-Nitrosodimethylamine	3.40E-02	8.00E-01	MG/KG	0/44	2.30E-03	C	YES
924-16-3	n-Nitroso-di-n-butylamine	3.40E-02	8.00E-01	MG/KG	0/44	9.40E-02	C	YES
621-64-7	n-Nitroso-di-n-propylamine	3.40E-02	8.00E-01	MG/KG	0/44	7.60E-02	C	YES
86-30-6	n-Nitrosodiphenylamine	3.40E-02	8.00E-01	MG/KG	0/44	1.10E+02	C	NO
59-89-2	N-Nitrosomorpholine	3.40E-02	8.00E-01	MG/KG	0/44	7.90E-02	C	YES
10595-95-6	n-Nitroso-n-methylethylamine	3.40E-02	8.00E-01	MG/KG	0/44	2.40E-02	C	YES
100-75-4	N-Nitrosopiperidine	3.40E-02	8.00E-01	MG/KG	0/44	5.70E-02	C	YES
930-55-2	n-Nitrosopyrrolidine	3.40E-02	8.00E-01	MG/KG	0/44	2.50E-01	C	YES
98-95-3	Nitrobenzene	3.40E-02	8.00E-01	MG/KG	0/44	5.10E+00	C	NO
126-68-1	O,O,O-Triethyl phosphorothioate	6.90E-02	1.60E+00	MG/KG	0/44	NA		NO
60-11-7	p-Dimethylaminoazobenzene	3.40E-02	8.00E-01	MG/KG	0/44	1.20E-01	C	YES
608-93-5	Pentachlorobenzene	3.40E-02	8.00E-01	MG/KG	0/44	4.90E+00	N	NO
76-01-7	Pentachloroethane	0.00E+00	0.00E+00	MG/KG	0/	5.90E+00	C	NO
82-68-8	Pentachloronitrobenzene	3.40E-02	8.00E-01	MG/KG	0/39	2.00E+00	C	NO
87-86-5	Pentachlorophenol	1.80E-01	4.10E+00	MG/KG	0/44	9.90E-01	C	YES
62-44-2	Phenacetin	3.40E-02	8.00E-01	MG/KG	0/44	2.40E+02	C	NO
298-02-2	Phorate	3.40E-02	8.00E-01	MG/KG	0/44	1.20E+00	N	NO
106-50-3	p-Phenylenediamine	6.90E-01	1.60E+01	MG/KG	0/44	1.20E+03	N	NO
23950-58-5	Pronamide	3.40E-02	8.00E-01	MG/KG	0/44	4.60E+02	N	NO
110-86-1	Pyridine	3.40E-02	8.00E-01	MG/KG	0/44	7.80E+00	N	NO
94-59-7	Safrole	3.40E-02	8.00E-01	MG/KG	0/44	5.40E-01	C	YES
12674-11-2	Aroclor-1016	3.50E-02	4.40E-02	MG/KG	0/44	4.00E-01	N	NO
11104-28-2	Aroclor-1221	7.00E-02	8.90E-02	MG/KG	0/44	1.50E-01	C	NO
11141-16-5	Aroclor-1232	3.50E-02	4.40E-02	MG/KG	0/44	1.50E-01	C	NO
53469-21-9	Aroclor-1242	3.50E-02	4.40E-02	MG/KG	0/44	2.40E-01	C	NO
12672-29-6	Aroclor-1248	3.50E-02	4.40E-02	MG/KG	0/44	2.40E-01	C	NO
11097-69-1	Aroclor-1254	3.50E-02	4.40E-02	MG/KG	0/44	1.10E-01	N	NO
298-04-4	Disulfoton	3.40E-02	8.00E-01	MG/KG	0/44	2.50E-01	N	YES
298-00-0	Methyl parathion	3.40E-02	8.00E-01	MG/KG	0/44	1.50E+00	N	NO
56-38-2	Parathion	3.40E-02	8.00E-01	MG/KG	0/44	3.70E+01	N	NO
3689-24-5	Sulfotepp	3.40E-02	8.00E-01	MG/KG	0/44	3.10E+00	N	NO
297-97-2	Thionazin	3.40E-02	8.00E-01	MG/KG	0/44	NA		NO
2303-16-4	Diallate	3.40E-02	8.00E-01	MG/KG	0/44	8.70E+00	C	NO
88-85-7	Dinoseb	6.90E-02	1.60E+00	MG/KG	0/44	6.20E+00	N	NO
99-35-4	1,3,5-Trinitrobenzene	6.90E-02	1.60E+00	MG/KG	0/44	2.20E+02	N	NO
99-65-0	1,3-Dinitrobenzene	3.40E-02	8.00E-01	MG/KG	0/44	6.20E-01	N	YES

[1] Minimum/Maximum reporting limit (RL).

[2] Maximum reporting limit is used for screening.

[3] Regional Screening Levels for Chemical Contaminants at Superfund Sites (May, 2014). [Online]. Concentrations based on non-carcinogenic health effects are adjusted using HQ=0.1. Available: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm

C = Carcinogenic

N = Noncarcinogenic

NA = not available

Appendix D
Ecological Risk Assessment

Final

Ecological Risk Assessment
Solid Waste Management Unit 78 – Pole Yard

Naval Activity Puerto Rico
Ceiba, Puerto Rico

Contract Task Order JM11

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Figure

1 Ecological Conceptual Site Model – SWMU 78

Attachment

1 Terrestrial Food Web Modeling

Acronyms and Abbreviations

amsl	above mean sea level
AUF	area use factor
BAF	bioaccumulation factor
BCF	bioconcentration factor
BERA	baseline ecological risk assessment
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
COPC	chemical of potential concern
CSM	conceptual site model
Eco-SSL	ecological soil screening level
EPC	exposure point concentration
ERA	ecological risk assessment
ESV	ecological screening value
HMW	high molecular weight
HQ	hazard quotient
LOAEL	lowest observed adverse effect level
MATC	maximum acceptable toxicant concentration
mg/kg	milligram per kilogram
mg/L	milligram per liter
NAPR	Naval Activity Puerto Rico
NAVFAC	Naval Facilities Engineering Command
NOAEL	no observed adverse effect level
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PREQB	Puerto Rico Environmental Quality Board
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SERA	screening ecological risk assessment
SMDP	Scientific Management Decision Point
SQL	sample quantitation limit
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TPH	total petroleum hydrocarbons
TPH-DRO	TPH-diesel-range organics
TPH-GRO	TPH-gasoline-range organics
TRV	toxicity reference value
UCL	upper confidence limit
UTL	upper tolerance limit
USEPA	United States Environmental Protection Agency

Ecological Risk Assessment

This appendix contains a screening ecological risk assessment (SERA), constituting Steps 1 and 2 of the ecological risk assessment (ERA) process, and the first step (Step 3A) of a baseline ecological risk assessment (BERA) for Solid Waste Management Unit (SWMU) 78. The approaches, methods, and assumptions used for this ERA were based on the draft ERA protocol recently completed for NAPR and submitted for EPA review on June 19, 2015 (CH2M HILL, 2015). The draft NAPR ERA protocol was developed based on the Vieques ERA protocol. This ERA expands upon, and updates, the ecological screening of existing surface (0 to 1 foot) and shallow subsurface (1 to 3 feet) soil data previously conducted for SWMU 78 by CH2M HILL (2014) and Baker (2012). Although the 1 to 3 foot depth interval was included in the assessment, because it was previously evaluated by Baker (2012), exposures to soils at these depths for the types of ecological receptors likely to occur on SWMU 78 are not likely to be ecologically significant.

1 Ecological Risk Assessment Process

This ERA was conducted in accordance with the *Navy Policy for Conducting Ecological Risk Assessments* (CNO, 1999) and the Navy guidance for implementing this ERA policy (NAVFAC, 2003; 2012). The Navy ERA policy and guidance, which describe a process consisting of eight steps organized into three tiers, are conceptually similar to the 8-step ERA process outlined in United States Environmental Protection Agency (USEPA) ERA guidance for the Superfund program (USEPA, 1997). For both sets of guidance, Steps 1 and 2 involve conducting a SERA using very conservative assumptions. The BERA represents Steps 3 through 7. The BERA uses less conservative, but more realistic, assumptions and site-specific data to refine the risk estimates from the SERA for components that fail the initial screening. Step 8 addresses risk management issues. The major differences between the Navy ERA policy/guidance and the USEPA ERA guidance are the following:

- Navy policy and guidance provide clearly defined criteria for exiting the ERA process at specific points
- Navy policy and guidance divide Step 3 (the first step of the BERA) into two distinct sub-steps (Steps 3A and 3B), with a potential exit point after Step 3A
- Navy policy and guidance incorporate risk management considerations throughout all tiers of the ERA process

ERAs are conducted using a tiered, step-wise approach and are punctuated with Scientific Management Decision Points (SMDPs). SMDPs represent points in the ERA process where agreement on conclusions, actions, or methodologies is needed so that the ERA process can continue (or terminate) in a technically defensible manner. The results of the ERA at a particular SMDP are used to determine how the ERA process should proceed (for example, to the next step in the process or directly to a later step). The process continues until a final decision has been reached (for example, remedial action or controls if unacceptable risks are identified, or no further action if risks are acceptable). The process can also be iterative if data needs are identified at any step; the needed data are collected and the process starts again at the point appropriate to the type of data collected.

The screening (preliminary) problem formulation is the first step of an ERA and establishes the goals, scope, and focus of the SERA. Step 1 of the ERA process is intended to answer two main questions:

- Do complete exposure pathways exist?
- Are sufficient data available to conduct the SERA?

If no complete exposure pathways exist, the ERA process terminates at Step 1 with a conclusion of negligible (acceptable) risk because exposure, and thus potential risk, can only occur if complete exposure pathways exist. If one or more complete exposure pathways are known to exist, or are likely to exist, the ERA process

continues to Step 2 but only evaluates those exposure pathways that have been determined to be "critical" (ecologically important), that is, represent exposures to sensitive receptors that are associated with the predominant fate and transport mechanisms at the site (USEPA, 1997). An evaluation of the available data is then conducted to determine whether they are adequate to support the SERA. If not, additional data are collected before the ERA process continues. The second step of the ERA process involves conducting a screening exposure assessment, a screening effects assessment, and a screening risk calculation (risk characterization).

The results of the SERA are used to evaluate the potential for unacceptable ecological risks based on very conservative assumptions. If the results of the SERA suggest that further ecological risk evaluation is warranted, the ERA process proceeds to the BERA (Steps 3 through 7), which is a more detailed phase of the ERA process, for the exposure pathways, chemicals, receptors, and areas identified in the SERA. The first step of the BERA (Step 3) is divided into two distinct sub-steps (3A and 3B) in Navy ERA guidance.

Step 3 of the USEPA ERA guidance consists of the following activities (USEPA, 1997):

1. Refinement of the chemicals of potential concern (COPCs) from the SERA
2. Further characterizing of the potential ecological effects of contaminants
3. Refining information on contaminant fate and transport, complete exposure pathways, and receptors potentially at risk
4. Selecting assessment endpoints
5. Refining the conceptual site model (CSM) and risk hypotheses from the SERA

Step 3A of the Navy policy/guidance (refinement of conservative exposure assumptions) corresponds to the first activity for the USEPA ERA guidance. In Step 3A, a refined evaluation of exposure estimates is conducted using less conservative but more realistic assumptions and additional methods relative to those used in the SERA, which is intended to be a very conservative assessment (NAVFAC, 2003). Examples of more realistic exposure assumptions include using central tendency (such as means or medians) estimates (rather than maximums) for media concentrations, bioaccumulation factors (BAFs), and/or exposure parameters. Examples of additional methods include consideration of background and upgradient concentrations, bioavailability, and detection frequency (CNO, 1999; NAVFAC, 2003; 2012).

If risk estimates (and their associated uncertainty) are acceptable following Step 3A, the site will meet the conditions of the exit criterion specified in the Navy policy/guidance. If the Step 3A evaluation does not support a determination of acceptable risk within acceptable uncertainty, the site continues to Step 3B.

Step 3B of the Navy policy/guidance (problem formulation) corresponds conceptually to the last four activities listed for Step 3 of the USEPA ERA guidance. In Step 3B, the preliminary CSM from the SERA is refined based on the results of the Step 3A evaluation to develop a revised list of key receptors, critical exposure pathways, key COPCs, assessment endpoints, measurement endpoints, and risk hypotheses. Based on the refined CSM, the lines of evidence to be used in characterizing risk are determined. Agreement on the refined CSM, COPCs, exposure pathways, endpoints, and risk hypotheses constitutes the SMDP at the end of Step 3 in both Navy and USEPA ERA guidance.

Following the completion of Step 3, a decision point is reached with two potential outcomes. If the refined risk estimates are acceptable for each selected assessment endpoint, the investigation proceeds to risk characterization (Step 7) to document this conclusion, and the ERA process terminates. If the uncertainties associated with the refined risk estimates are unacceptable and/or the risk estimates indicate that unacceptable risks may exist, site-specific studies might be required, and the ERA process continues (Steps 4 through 6). Step 4 is a work planning step where additional site-specific studies are scoped and designed. Step 5 consists of the verification of the field sampling design developed in Step 4, while Step 6 constitutes the site investigation and data analysis phase of the process. The scope (the spatial extent of sampling) and components (for example, the collection of biological data such as tissue samples and toxicity testing) of

site-specific studies are determined by the conclusions of Step 3 and the pathways/endpoints associated with the potential unacceptable risks.

Step 7 consists of the documentation and synthesis of the information and data identified in Steps 1 through 3 (no additional study) or Steps 1 through 6 (additional study). In this step, ecological risk is evaluated and characterized using both quantitative and qualitative methods. Conclusions are made as to whether or not there is a reasonable potential for unacceptable ecological risk and, if there is a potential for unacceptable ecological risk, the magnitude of that risk. The results of the completed BERA (Step 7) are used to make necessary risk management decisions (Step 8) related to current or future risks. Possible decisions include the following:

- Adequate information is available to conclude that no unacceptable ecological risks exist. The assessment should stop at Step 7.
- Adequate information is available to conclude that unacceptable ecological risks exist for which remedial actions or controls are warranted. Whether remedial actions or controls are taken, and the specific actions or controls taken, will depend on a number of risk management factors such as the results of human health risk assessments (if applicable) and the potential impact of the remedial action or control itself on the habitats and biota present. This analysis would occur as part of Step 8.
- Adequate information is not available to estimate risk or the risk estimate is believed to be too conservative or uncertain to recommend remediation. The assessment should be refined.

2 Problem Formulation

Problem formulation establishes the goals, scope, and focus of the ERA. As part of problem formulation, the environmental setting of SWMU 78 is characterized in terms of the habitats and biota known or likely to be present. The types and concentrations of chemicals that are present in ecologically relevant media are also described based on available analytical data. Surface soil (0 to 12 inches below ground surface [bgs]) is the primary ecologically relevant terrestrial medium at the site. Shallow subsurface soils (12 to 36 inches bgs) are also evaluated because some ecological receptors may be exposed to soils near the top of this depth interval and because soil data from this depth interval were previously included in the ecological screening conducted by Baker (2012). No aquatic habitats (such as ponds, streams, or wetlands) or man-made drainage ditches occur within, or immediately adjacent to, the SWMU 78 boundary (Baker, 2012). Thus, aquatic media are not relevant to this ERA.

A CSM is developed that describes source areas, transport pathways and exposure media, exposure pathways and routes, and receptors. Assessment endpoints, measurement endpoints, and risk hypotheses are developed to evaluate those receptors for which critical exposure pathways exist. The fate, transport, and toxicological properties of the chemicals present in SWMU 78 soils, particularly the potential for bioaccumulation, are also considered during this process.

2.1 Environmental Setting

SWMU 78 (Pole Yard) is located on Gilbert Island Street near the intersection of Forrestal Drive and Valley Forge Road (Figure 2-1 of the Amended Full RFI Report) and covers an area approximately 3.1 acres in size. The site was previously used for the storage of transformers and other materials. The transformers were previously stored within a raised concrete pad that contains a concrete ramp and a perimeter concrete berm that functions as secondary containment. A drain valve is located within the concrete berm near the northeastern corner of the transformer storage pad and was used to drain accumulated rainwater from the storage pad. Standing water, with a slight oily sheen, has been historically observed within the bermed area of the concrete pad.

The concrete transformer storage pad was constructed sometime after 1998. The transformer storage pad at SWMU 78 does not currently contain transformers and it has been cleaned, but in 2009, there were

127 transformers stored within the pad, consisting of 116 pole-mounted transformers and 11 enclosed large transformers. The transformers were sampled in 2009 to determine whether they contained polychlorinated biphenyls (PCBs), and they were also inventoried by size and serial number for disposal purposes. The 11 larger units were not sampled because of the lack of top access to the oil reservoir and the potential for a spill associated with sampling through a bottom valve. Of the 116 pole-mounted units, 6 were dry or contained no oil. Samples were collected from the remaining 110 transformer units. The analytical results from the transformer oil indicated that 9 of the 110 transformers contained detectable levels of PCBs in the oil, ranging from 1.5 to 17 milligrams per kilogram (mg/kg), which is below the 50 mg/kg threshold to be considered PCB-contaminated electrical equipment.

A suspected release was identified at the transformer storage pad in June 2007. A small area (approximately 10 feet by 3 feet) of stained soil and stressed vegetation was observed at the discharge point of the drain valve (Baker, 2012). The stained soil only extended to a depth of 1.5 feet at soil boring location 78SB01, which was placed within the visually impacted area; however, no notable odors or photoionization detector readings exceeding background levels were associated with this depth interval.

The site has also been used for materials storage, including timber and concrete telephone poles, spools of wire, and similar materials. Spools of copper wire were stored in the northeastern corner of SWMU 78. Timber and concrete telephone poles were stored in the southern portion of the site (Baker, 2012; Figure 2-2 of the Amended Full RFI Report). These materials were placed directly on the soils.

SWMU 78 encompasses two relatively small plateaus that are surrounded by steeply sloping hillsides. A surface water drainage divide extends from north to south through the center of the site. The upper plateau is at an elevation of 212 feet above mean sea level (amsl) and contains the concrete transformer storage pad. Spools of wire were observed to be present north of the concrete pad during the Phase I Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI). The lower plateau is at an elevation of approximately 200 feet amsl and is located downslope from the upper plateau and approximately 60 feet south of the concrete pad. The lower plateau was used for the storage of trailers and as a laydown area for the storage of timber and concrete utility poles.

Dominant tree, shrub, and herbaceous vegetation documented during an August 2011 site visit included white lead tree (*Leucaena leucocephala),* tamarind *(Tamarindus indica*), guinea grass (*Urochloa maxima*), smut grass (*Sporobolus indicus*), water dead and awake (*Neptunia plena*), paja brava (*Paspalum millegrana*), crack open (*Casearia sylvestris*), small flower shallow-wort (*Cynanchum parviflorum*), scarlet spiderling (*Boerhavia coccinea*), fringed windmill grass (*Chloris ciliata*), Egyptian grass (*Dactyloctenium aegyptian*) and ocean blue morning glory *(Ipomoea indica)* (Baker, 2012).

No aquatic habitats (such as ponds, streams, or wetlands) or man-made drainage ditches occur within, or immediately adjacent to, the SWMU 78 boundary (Baker, 2012). The Ensenada Honda is the closest water body and is located approximately 700 feet south-southwest of SWMU 78. The closest wetland area is an estuarine (E2SS3) wetland located approximately 1,650 feet west-northwest of SWMU 78, adjacent to the base marina. This wetland is not directly downgradient from the site, however. The water table at SWMU 78 is estimated to occur in bedrock at depths of between 80 to 100 feet bgs based on previous investigations of nearby areas (Baker, 2012).

No site-specific information on the fauna using SWMU 78 is currently available, but the site is expected to be used by a variety of bird, mammalian, and reptilian species. Eleven federally listed threatened or endangered species are known to occur, or have the potential to occur, on or near Naval Activity Puerto Rico (NAPR) (**Table 1**). None of these species is known to occur on, or in the immediate vicinity of, SWMU 78.

2.2 Analytical Data Used in the ERA

The Phase I RFI field investigation, consisting of surface and subsurface soil sampling, was conducted in May 2008. The full RFI sampling of the same media was conducted in April and September 2011. Both the existing surface and shallow subsurface soil samples from 2008 and 2011 were quantitatively evaluated in

this ERA. Surface soil (0 to 12 inches bgs) is the primary ecologically relevant terrestrial medium at the site. Shallow subsurface soils (12 to 36 inches bgs) were also evaluated because some ecological receptors may be exposed to soils near the top of this depth interval and because soil data from this depth interval were previously included in the ecological screening conducted by Baker (2012). However, surface and shallow subsurface soil samples were evaluated separately, and terrestrial food web exposures only considered the surface soil samples.

Background soil upper tolerance limits (UTLs) from the NAPR background study (CH2M HILL, 2013) were also considered in the ERA. UTLs have been developed separately for surface and shallow subsurface soils.

The soil samples used in this ERA are listed in **Table 2**, and locations are shown on Figure 3-1 of the Amended Full RFI Report. The analytical results for these samples can be found in **Appendix B.**

2.3 Conceptual Site Model

The CSM relates potentially exposed receptor populations with potential source areas based on physical site characteristics and complete exposure pathways. Important components of the CSM are the identification of potential source areas, transport pathways, exposure media, exposure pathways and routes, and receptors. Actual or potential exposures of ecological receptors associated with a site are determined by identifying the most likely and most important mechanisms and pathways of contaminant release and transport. A complete exposure pathway has three components: (1) a source or sources of contamination that results in a release to the environment; (2) a pathway and mechanism of chemical transport through an environmental medium; and (3) an exposure or contact point for an ecological receptor. **Figure 1** illustrates a diagrammatic CSM for SWMU 78. Key components of this CSM are discussed in the following sections.

2.3.1 Source Areas

The potential sources of contamination at SWMU 78 are the concrete storage pad and laydown areas previously used to store transformers and other materials (poles and spools of wire), respectively.

2.3.2 Transport Pathways and Exposure Media

A transport pathway describes the mechanisms whereby site-related chemicals, once released, may be transported from a source to ecologically relevant media (such as surface soil) where exposures may occur. These transport pathways are shown on **Figure 1**.

The primary release mechanisms and transport pathways at the site include the following:

- Surface runoff from site-related source areas to other terrestrial areas of SWMU 78
- Uptake from the surface soil and accumulation in the tissues of terrestrial biota

Exposure media for ecological receptors are typically limited to surface water, surface sediment, and surface soil. Surface water and sediment are not relevant media at the site because aquatic habitats are not present. Surface soil (0 to 12 inches bgs) is a relevant medium. Shallow subsurface soils (12 to 36 inches bgs) are also evaluated in this ERA. Groundwater is not currently considered a relevant transport medium at SWMU 78. Air is not addressed in this ERA because this medium is not likely to result in significant contributions to total exposures.

2.3.3 Exposure Pathways and Routes

An exposure pathway links a source of contamination with one or more receptors through exposure via one or more media and exposure routes. Exposure, and thus potential risk, can only occur if complete exposure pathways exist. **Figure 1** shows the potentially complete exposure pathways to ecological receptors associated with SWMU 78.

Complete exposure pathways exist to lower trophic-level terrestrial receptors (plants, soil invertebrates, and reptiles) from direct contact with surface soil, and to terrestrial upper trophic-level receptors (birds,

mammals, and reptiles) from incidental ingestion of surface soil and exposure via terrestrial food webs. There are no complete exposure pathways for aquatic receptors.

An exposure route describes the specific mechanisms by which a receptor is exposed to a chemical present in an environmental medium. The most common exposure routes are dermal contact, direct uptake, ingestion, and inhalation. Terrestrial plants may be exposed to chemicals present in surface soil through their root surfaces during water and nutrient uptake. Soil invertebrates may be exposed to chemicals in surface soil through direct contact and ingestion.

Animals may be exposed to chemicals through the following routes: (1) inhalation of gaseous chemicals or of chemicals adhered to airborne particulate matter; (2) incidental ingestion of contaminated abiotic media (soil) during feeding or preening activities; (3) ingestion of contaminated water; (4) ingestion of contaminated plant and/or animal tissues for chemicals that have entered food webs; and/or (5) dermal contact with contaminated abiotic media. These routes, where applicable, are depicted on **Figure 1**.

Direct contact is the primary exposure route for lower trophic-level receptors (plants, invertebrates, and reptiles) at the site. Incidental ingestion of soil and exposure via food webs are the primary exposure routes for upper trophic level receptors (birds, mammals, and reptiles). The contribution to the total dose from the inhalation route is generally insignificant for upper trophic level ecological receptors relative to ingestion pathways. Thus, the inhalation pathway is not generally considered for ecological receptors and was not evaluated in this ERA. Exposure to chemicals present in surface soil via dermal contact may occur but is unlikely to represent a major exposure pathway for most upper trophic-level receptors because fur or feathers minimize transfer of chemicals across dermal tissue. Thus, dermal contact was not evaluated for upper trophic-level receptors in this ERA. Incidental ingestion of surface soil during feeding, preening, or grooming activities was, however, considered in the risk estimates for terrestrial food web exposures. Direct contact was considered for lower trophic level terrestrial receptors (soil invertebrates).

Direct ingestion of drinking water is only considered when a permanent or semi-permanent source of water with a salinity below 15 parts per thousand, the approximate toxic threshold for wildlife receptors (Humphreys, 1988), exists on a site. No such water body exists on or immediately adjacent to SWMU 78. Thus, exposure via direct ingestion of drinking water was not included in the evaluation of terrestrial food web exposures.

2.3.4 Receptors

Because of the complexity of natural systems, it is generally not practical to directly assess the potential impacts to all ecological receptors present at a site. Therefore, specific receptor species (such as red-tailed hawk) or species groups (such as plants) are selected as surrogates to evaluate potential risks to larger components of the ecological community (guilds such as carnivorous birds) used to represent the assessment endpoints (such as survival and reproduction of carnivorous birds). Selection criteria typically include those species that exhibit the following:

- Are known to occur, or are likely to occur, at the site
- Have a particular ecological, economic, or aesthetic value
- Are representative of taxonomic groups, life history traits, and/or trophic levels in the habitats present for which complete exposure pathways are likely to exist
- Can, because of toxicological sensitivity or potential exposure magnitude, be expected to represent potentially sensitive populations

The following upper trophic-level species have been selected for exposure modeling in terrestrial habitats based on the previously listed criteria and the habitats present on the site:

- Norway rat (*Rattus norvegicus*) – terrestrial mammalian omnivore (modeled as an herbivore in the SERA portion of the ERA)

- Indian mongoose (*Herpestes auropunctatus*) – terrestrial mammalian omnivore (modeled as an invertivore in the SERA portion of the ERA)
- Pearly eyed thrasher (*Margarops fuscatus*) – terrestrial avian omnivore (modeled as an invertivore in the SERA portion of the ERA).
- Common ground dove (*Columbina passerina*) – terrestrial avian herbivore
- Red-tailed hawk (*Buteo jamaicensis*) – terrestrial avian carnivore

Upper trophic-level receptors quantitatively evaluated in the ERA were limited to birds and mammals, the taxonomic groups with the most available information regarding exposure and toxicological effects. Lower trophic-level receptors were evaluated based on those taxonomic groupings for which medium-specific ecological screening values (ESVs) have been developed. As such, specific species of terrestrial biota (plants and soil invertebrates) were not chosen as receptors because of the limited information available for specific species and because these receptors were evaluated on a community level via a comparison of chemical concentrations in soil to soil ESVs developed for these groups.

Reptiles are also applicable receptor groups. Individual species of reptiles were not, however, selected for evaluation because of the general lack of available toxicological information for this taxonomic group for direct effects and effects from exposures via food webs. Potential risks to reptiles from food web exposures were evaluated using other fauna (birds and mammals) as surrogates. Similarly, potential risks to this group from direct exposures to surface soil were evaluated using ESVs developed for other taxonomic groups (described above). This is discussed further in **Section D.6** (uncertainties).

No federally listed endangered or threatened species are currently known to occur on, or in the immediate vicinity of, SWMU 78.

2.3.5 Endpoints and Risk Hypotheses

The conclusion of the problem formulation includes the selection of ecological endpoints and risk hypotheses, which are based on the CSM. Two types of endpoints, assessment endpoints and measurement endpoints, are defined as part of the ERA process (USEPA, 1997). An assessment endpoint is an explicit expression of the environmental component or value that is to be protected. A measurement endpoint is a measurable ecological characteristic that is related to the component or value chosen as the assessment endpoint. The considerations for selecting assessment and measurement endpoints are summarized in USEPA (1997) and discussed in detail in Suter (1989; 1990; 1993). Risk hypotheses are testable hypotheses about the relationship among the assessment endpoints and their predicted responses when exposed to contaminants.

Endpoints define ecological attributes that are to be protected (assessment endpoints) and measurable characteristics of those attributes (measurement endpoints) that can be used to gauge the degree of impact that has occurred or may occur. Assessment endpoints most often relate to attributes of biological populations or communities and are intended to focus the risk assessment on particular components of the ecosystem that could be adversely affected by chemicals attributable to a site (USEPA, 1997). Assessment endpoints contain an entity (such as hawk population) and an attribute of that entity (such as survival rate). Individual assessment endpoints usually encompass a group of species or populations (the receptor) with some common characteristic, such as specific exposure route or contaminant sensitivity, with the receptor then used to represent the assessment endpoint in the risk evaluation.

Assessment and measurement endpoints may involve ecological components from any level of biological organization, from individual organisms to the ecosystem itself. Effects on individual organisms are important for some receptors, such as rare and endangered species; population- and community-level effects are typically more relevant to ecosystems. Population- and community-level effects are usually difficult to evaluate directly without long-term and extensive study. However, measurement endpoint evaluations at the individual level, such as an evaluation of the effects of chemical exposure on

reproduction, can be used to predict effects on an assessment endpoint at the population or community level. In addition, use of criteria values designed to protect the majority of the components of a community (such as the Ambient Water Quality Criteria for the protection of aquatic life) can be useful in evaluating potential community- and/or population-level effects.

Table 3 shows the assessment endpoints, risk hypotheses, and measurement endpoints used in the ERA. **Table 3** also shows the receptors associated with each endpoint.

3 Exposure Assessment

The principal activity associated with the exposure assessment is the estimation of chemical concentrations in applicable media, termed exposure point concentrations (EPCs), to which the receptors may be exposed. This is accomplished through the selection of appropriate sets of the available analytical data using a set of criteria (such as validation status and sampling date). Once the analytical data sets are selected, EPCs are calculated as a particular point on the distribution of concentrations. At the screening level (SERA Step 2), the EPC is the maximum detected concentration. At the baseline level (BERA Step 3A), EPCs are central tendency estimates (such as the arithmetic mean). EPCs are then used in bioaccumulation and food web models to estimate exposures to upper trophic level receptors.

For conservatism, the maximum (SERA) and mean (BERA) reporting limits for chemicals analyzed for but not detected were also compared to medium-specific ESVs and (where applicable) used for food web exposure modeling. This was done to determine whether reporting limits were less than chemical concentrations at which potential adverse effects to ecological receptors may occur.

3.1 Selection Criteria for Analytical Data

Available analytical data (described in **Section D.2.2**) were selected for use in the ERA based on the following:

- Data must have been validated by a qualified data validator using acceptable data validation methods. Rejected (R) values were not used in the ERA. Unqualified data and data qualified as J (estimated), L (biased low), or K (biased high) were treated as detected. Data qualified as U (undetected) or B (blank contamination) were treated as nondetected.
- For samples with duplicate analyses, the higher of the two concentrations was used, for conservatism, when both values were detects or when both values were nondetects. In cases where one result was a detection and the other a nondetect, the detected value was used in the assessment.
- For nondetected results, the sample quantitation (reporting) limit (SQL) was used to represent the concentration. When calculating statistics (such as the arithmetic mean), one-half of the SQL was used for nondetected results.

3.2 Exposure Point Concentrations

EPCs are calculated as a particular point on the distribution of concentrations. At the screening level (SERA Step 2), the EPC is the maximum detected concentration. At the baseline level (BERA Step 3A), EPCs are central tendency estimates, which provide a more representative estimate of potential exposures and risks to receptor populations (the focus of the selected assessment endpoints). In this ERA, the maximum, arithmetic mean, and 95 percent upper confidence limit (UCL) of the arithmetic mean concentrations were evaluated for direct exposures. Exposures via food webs also used the maximum, arithmetic mean, and 95 percent UCL of the arithmetic mean. If the calculated 95 percent UCL and/or mean concentrations were greater than the maximum detected concentration, the maximum detected concentration was used in place of the 95 percent UCL and/or mean concentrations.

These three medium-specific EPCs were also used in bioaccumulation and food web models to estimate exposures to upper trophic-level receptors. Dietary items for which tissue concentrations were modeled

included terrestrial plants, soil invertebrates, and small mammals. Incidental ingestion of surface soil was included when calculating the total dietary exposure. The models and parameter values used for calculating the tissue concentrations are outlined in the following sections.

Not all chemicals were evaluated for food web exposures. Only those chemicals with the potential to bioaccumulate to a significant extent, as defined in Table 4-2 of USEPA (2000), were evaluated. This list of bioaccumulating chemicals is provided in **Table 4** for chemicals relevant to SWMU 78.

For the screening (SERA) exposure estimates, the uptake of chemicals from the abiotic media into food items was based on conservative (e.g., 90th percentile) bioconcentration factors (BCFs) or BAFs from the literature, where available. The 90th percentile is generally recommended to provide for a conservative screening assessment (Sample et al., 1998a; 1998b; Bechtel Jacobs, 1998b). If 90th percentile values were not available in the cited reference, the maximum value was used, if available. If only central tendency (such as median) values were reported, they were used for both the SERA and BERA. Where an individual study (as opposed to a compilation of multiple studies) was cited, the best available value was sometimes a single value, or the derivation was not specified. Default (assumed) factors of 1 were used only when data were not readily available for a chemical in the literature. In some cases, chemical concentrations in food items were directly estimated from maximum surface soil concentrations using available literature-based regression models.

BCFs and BAFs used for baseline (BERA) exposure estimates were based on, or modeled from, central tendency estimates (such as median or mean). Baseline values considered both the distribution of the data (normal or log normal) and the recommendations in the cited reference. Geometric means were preferred for log normal distributions and arithmetic means for normal distributions. In some cases, neither distribution was applicable, or the distribution was biased by an outlying value. In these cases, point estimates like the median were then considered. Where an individual study (as opposed to a compilation of multiple studies) was cited, the best available value was sometimes a single value or the derivation was not specified. Default (assumed) factors of 1 were used only when data were not readily available for a chemical in the literature. In some cases, chemical concentrations in food items were directly estimated from mean and 95 percent UCL surface soil concentrations using available literature-based regression models.

In the BERA, using central tendency estimates (rather than high-end values or maximums) for exposure parameters such as BAFs provides a more representative estimate of potential exposures and risks to receptor populations (which are the focus of the selected assessment endpoints) of upper trophic-level receptors. Because these upper trophic-level species are highly mobile, they would be expected to effectively average their exposure over time as they forage within the area defining their home range. Average prey concentrations are most appropriately estimated using central tendency estimates of media concentrations and accumulation factors. For example, the wildlife dietary exposure models contained in the *Wildlife Exposure Factors Handbook* (USEPA, 1993) specify the calculation of an average daily dose.

Increasing the representativeness of the exposure estimates relative to population-level effects is consistent with the intent of the BERA. In cases where adequate spatial sampling coverage exists, mean concentrations are also appropriate for evaluating potential risks to populations of lower trophic-level receptors because the members of the population are expected to be found throughout a site (where suitable habitat is present), rather than concentrated in one particular area. While effects on individual organisms might be important for some receptors, such as rare and endangered species, population- and community-level effects are typically more relevant to ecosystems.

For direct exposures to soil, polycyclic aromatic hydrocarbons (PAHs) were evaluated based on the sum total concentration of the individual constituents for the high molecular weight (HMW) and low molecular weight fractions.

3.2.1 Terrestrial Plants

For most chemicals, tissue concentrations in the aboveground vegetative portion of terrestrial plants were estimated by multiplying the maximum (SERA) or mean and 95 percent UCL (BERA) surface soil concentration for each bioaccumulative chemical by chemical-specific soil-to-plant BAFs obtained from the literature. These BAFs, for both the SERA and BERA, are listed in **Table 5**. For some chemicals, tissue concentrations were directly estimated from surface soil concentrations using regression equations; these algorithms are listed in **Table 6**.

The BAF values used were based on root uptake from soil and on the ratio between dry-weight soil and dry-weight plant tissue. Literature values based on the ratio between dry-weight soil and wet-weight plant tissue were converted to a dry-weight basis by dividing the wet-weight BAF by an estimated solids content for terrestrial plants (15 percent [0.15] [Sample et al., 1997]).

For inorganic chemicals lacking literature-based, chemical-specific BAFs or applicable algorithms, a soil-to-plant BAF of 1 was used. For non-ionic organic chemicals (with a log K_{ow} of between 3 and 8) without literature-based BAFs, soil-to-plant BAFs were estimated using the rinsed foliage algorithm provided on Figure 5B of USEPA (2007):

$$\log BAF = (-0.4057)(\log K_{ow}) + 1.781$$

where: BAF = Soil-to-plant BAF (unitless; dry-weight basis)

K_{ow} = Octanol-water partitioning coefficient (unitless)

The log K_{ow} values used in this equation are listed in **Table 4**.

3.2.2 Soil Invertebrates (Earthworms)

For most chemicals, tissue concentrations in soil invertebrates (earthworms) were estimated by multiplying the maximum (SERA) or mean and 95 percent UCL (BERA) surface soil concentration for each bioaccumulative chemical by chemical-specific soil-to-invertebrate BCFs or BAFs obtained from the literature. These BCF/BAF values, for both the SERA and BERA, are listed in **Table 7**. For some chemicals, tissue concentrations were directly estimated from surface soil concentrations using regression equations; these algorithms are listed in **Table 6**.

BCFs are calculated by dividing the concentration of a chemical in earthworm tissue by the concentration of that same chemical in the surrounding environmental medium (surface soil) without accounting for uptake via the diet. BAFs consider both direct exposure to soil and exposure via the diet. Because earthworms consume soil, BAFs are more appropriate values and were used when available. BAFs based on depurated analyses (soil was purged from the gut of the earthworm prior to analysis) were given preference over undepurated analyses when selecting BAF values because direct ingestion of soil is accounted for separately in the food web model.

The BCF/BAF values selected were based on the ratio between dry-weight soil and dry-weight earthworm tissue. Literature values based on the ratio between dry-weight soil and wet-weight earthworm tissue were converted to a dry-weight basis by dividing the wet-weight BCF/BAF by the estimated solids content for earthworms (16 percent [0.16]; USEPA, 1993). For chemicals without available measured BAFs/BCFs, an earthworm BAF was estimated using available regression equations from the literature or using data for similar chemicals, or a BAF of 1 was assumed.

3.2.3 Small Mammals

Whole-body tissue concentrations in small mammals (omnivores such as Norway rat) were estimated using one of two methodologies. For chemicals with literature-based soil-to-small mammal BAFs, the small mammal tissue concentration was calculated by multiplying the maximum (SERA) or mean and 95 percent UCL (BERA) surface soil concentration for each bioaccumulative chemical by a chemical-specific soil-to-small mammal BAF obtained from the literature. These BAFs, for both the SERA and BERA, are listed in **Table 8**.

For some chemicals, tissue concentrations were directly estimated from surface soil concentrations using regression equations; these algorithms are listed in **Table 6**.

The BAF values selected were based on the ratio between dry-weight soil and whole-body dry-weight tissue. Literature values based on the ratio between dry-weight soil and wet-weight tissue were converted to a dry-weight basis by dividing the wet-weight BAF by the estimated solids content for small mammals (32 percent [0.32] [USEPA, 1993]).

For chemicals without soil-to-small mammal BAF values or algorithms,[1] an alternate approach was used to estimate whole-body tissue concentrations. Because most chemical exposure for these small mammals is via the diet, it was assumed that the concentration of each bioaccumulative chemical in the small mammal's tissues was equal to the chemical concentration in its diet multiplied by a diet to whole-body BAF derived from the literature. The small mammal tissue concentration was calculated as follows:

$$TC_x = [[\sum_i (FC_{xi})(PDF_i)] + [(SC_x)(PDS)]] \ (BAF_{diet\text{-}whole\ body})$$

where: TC_x = Small mammal tissue concentration for chemical x (mg/kg, dry weight)

FC_{xi} = Concentration of chemical x in food item i (mg/kg, dry weight)

PDF_i = Proportion of diet composed of food item i (dry-weight basis)

SC_x = Concentration of chemical x in soil (mg/kg, dry weight)

PDS = Proportion of diet composed of soil (dry-weight basis)

BAF = Diet to whole-body BAF (unitless, dry-weight basis)

This equation is basically a weighted average of the chemical concentration in the various dietary components (including soil ingestion) for the small mammal (rat), multiplied by a diet-to-whole body BAF, and thus excludes water ingestion.

For chemicals lacking diet to whole-body BAF values (not to be confused with the soil-to-small mammal BAFs listed in **Table 8**), a diet to whole-body BAF of 1 was assumed. The use of a diet to whole-body BAF of 1 is likely to result in a conservative estimate of chemical concentrations for chemicals that are not known to biomagnify in terrestrial food webs and a reasonable estimate of concentrations for chemicals that are known to bioaccumulate or biomagnify, based on reported literature values. For example, a maximum diet to whole-body BAF value of 1 was reported by Simmons and McKee (1992) for PCBs, based on laboratory studies with white-footed mice. Menzie et al. (1992) reported diet to whole-body BAF values for DDT of 0.3 for voles and 0.2 for short-tailed shrews. Reported diet to whole-body BAF values for dioxin were only slightly above 1 (1.4) for the deer mouse (USEPA, 1990).

3.2.4 Dietary Intakes

Upper trophic-level receptor exposures via food webs to chemicals present in surface soil were determined using estimated chemical concentrations in each relevant dietary component for each upper trophic level receptor. Incidental ingestion of surface soil was also included when calculating the total dose.

Dietary intakes for each upper trophic-level receptor were calculated using the following formula (modified from USEPA [1993]):

$$DI_x = \frac{[[\sum_i (FIR_i)(FC_{xi})(PDF_i)] + [(FIR_s)(SC_x)(PDS)] + [(WIR_x)(WC_x)]]}{BW}$$

where: DI_x = Dietary intake for chemical x (mg chemical/kg body weight/day)

[1] Eco-SSL equations for antimony, barium, and beryllium were not used because they were based on diet-to-biota factors for cattle. Instead, small mammal tissue concentrations for these three metals were derived as described in Section D.3.2.3.

FIR	=	Food ingestion rate (kg/day, dry weight)
FC_{xi}	=	Concentration of chemical x in food item i (mg/kg, dry weight)
PDF_i	=	Proportion of diet composed of food item i (dry-weight basis)
SC_x	=	Concentration of chemical x in soil (mg/kg, dry-weight)
PDS	=	Proportion of diet composed of soil (dry-weight basis)
WIR	=	Water ingestion rate (liter per day)
WC_x	=	Concentration of chemical x in water (milligram per liter)
BW	=	Body weight (kg)

Incidental ingestion of soil was modeled as a dietary component rather than using a separate soil ingestion rate. Parameter values for the selected receptors are listed in **Tables 9** (SERA) and **10** (BERA). When measured food ingestion rates were not available for a receptor from the literature, the rates were estimated using allometric equations from Nagy (2001). When measured water ingestion rates were not available for a receptor from the literature, the rates were estimated using allometric equations from USEPA (1993).

The exposure parameter values were selected to provide for a conservative evaluation at the screening level (Step 2). Examples of these conservative assumptions include the following:

- All of the dietary items consumed by the receptor are obtained from the site (an Area Use Factor [AUF] of 1 was assumed) at the point of maximum concentration.
- Chemicals are 100 percent bioavailable.
- Maximum food ingestion rates were used (calculated maximum ingestion rates using allometric equations were based on the maximum adult body weight).
- Minimum adult body weights were used. The selection focused on the most geographically appropriate values available from standard literature sources (such as USEPA, 1993).
- Exclusive diets (composed of one primary prey item) were used.

Assumptions for the baseline (Step 3A) estimates include the following:

- Central tendency estimates (such as mean, median, or midpoint) for adult body weight and ingestion rates were used, as were more realistic dietary compositions. Central tendency estimates for these exposure parameters are more relevant for a BERA because they better represent the characteristics of a greater proportion of the individuals in the population. Populations (rather than individual organisms) were emphasized when developing the assessment endpoints for the ERA.
- An AUF of 1 was retained in the BERA

4 Effects Assessment

One of the purposes of the effects assessment is to establish chemical exposure levels (ESVs) that represent conservative thresholds for adverse ecological effects. Typically, one set of ESVs is developed for each selected assessment endpoint. Based on the CSM, direct exposure to surface soil and shallow subsurface soil, and exposure via terrestrial food webs are the complete pathways at the site that are relevant to this RFI.

The effects assessment establishes the methods and data used to define an adverse ecological effect. Effects data are available from multiple lines of evidence, which are reflected in the measurement endpoints, and include the following:

- **ESVs for Soil** – Analytical data for soil are compared to the literature-based soil ESVs developed in **Section D.4.1**.
- **Toxicity Reference Values (TRVs) for Ingestion Exposures** – Food web exposure estimates are compared to the ingestion-based TRVs developed in **Section D.4.2** for upper trophic-level receptors.

In addition, a comparison of site soil concentrations to facility background soil concentrations (UTLs) was conducted as an additional line of evidence (see **Sections D.5.3 and D.5.4**).

4.1 Medium-specific ESVs

Medium-specific ESVs were established for each ecologically relevant medium. Based on the CSM (**Figure 1**), direct exposure to surface and shallow subsurface soil are the potentially complete pathways relevant to this RFI. The applicable uncertainty factors from **Table 11** were used to derive these ESVs where appropriate.

4.1.1 Soil ESVs

The soil ESVs for plants and soil invertebrates used in the ERA are summarized in **Table 12**. When more than one ESV was available (such as fauna and flora) from a particular source for a chemical, the lowest of these values was typically selected. For detected chemicals that lacked plant and/or soil invertebrate ESVs from the literature-based sources considered in the ERA protocol, “secondary” soil ESVs based on back-calculated food web models (**Table 13**) were used.

4.2 Ingestion TRVs

Ingestion TRVs for dietary exposures were derived for each bioaccumulative chemical evaluated in the ERA. TRVs were derived for mammalian and avian upper trophic-level receptors, the only two taxonomic groups for which sufficient toxicological information was generally available for the range of bioaccumulative chemicals evaluated. Toxicological information from the literature for wildlife species most closely related to the receptor species were used, where available, but were supplemented by laboratory studies of nonwildlife species (for example, laboratory mice), where necessary. The ingestion TRVs are expressed as milligrams of the chemical per kilogram of body weight of the receptor per day.

Survival, growth, and reproduction were emphasized as toxicological endpoints because they are the most relevant, ecologically, to maintaining viable populations and because they are generally the most studied toxicological endpoints for ecological receptors. Endpoints based on reproduction were generally preferred to those based on growth, which were preferred to those based on survival. If several chronic toxicological studies were available from the literature, the most appropriate study was selected for each receptor based on study design, study methodology, study duration, study endpoint, and test species.

Ingestion TRVs were derived for both chronic No Observed Adverse Effect Level (NOAEL) and chronic Lowest Observed Effect Level (LOAEL) endpoints. The applicable uncertainty factors from **Table 11** were used to derive these TRVs where appropriate (uncertainty factors were not generally applied to TRVs obtained from USEPA ecological soil screening level (Eco-SSL) documents because these TRVs often encompassed multiple studies). Because assessment endpoints were based on population- or community-level effects, no intraspecies uncertainty factors were applied. Taxonomic class-type uncertainty factors were also not applied because the TRVs selected were typically derived based on data from a broad range of taxonomic groups. Maximum Acceptable Toxicant Concentrations (MATCs), defined as the geometric mean of the NOAEL and LOAEL, were also calculated.

In terrestrial habitats, Step 2 food web COPCs were selected by first comparing the maximum surface soil concentration with the lower of the available bird and mammal Eco-SSLs (**Table 14**). Chemicals that exceeded the Eco-SSLs based on the maximum detected surface soil concentration were retained for site-specific food web modeling. Those that did not were not evaluated further for terrestrial food web exposures. The final Step 2 food web COPCs were selected based on a comparison of maximum exposure

doses from site-specific food web modeling with the NOAEL-based ingestion TRV. Those chemicals with an exposure dose equaling or exceeding the NOAEL-based ingestion TRV were identified as Step 2 COPCs. For Step 3A, ingestion-based (food web) COPCs were based on a comparison of mean and 95 percent UCL exposure doses with ingestion TRVs based on the NOAEL, MATC, and LOAEL. Only Step 2 COPCs were evaluated in Step 3A. An exceedance of the MATC was generally considered an unacceptable effect at Step 3A, although chemicals that exceeded the MATC, but not the LOAEL, were discussed for possible risk management considerations.

Ingestion TRVs for mammals and birds are provided in **Tables 15 and 16**, respectively. For some chemicals, relevant toxicological information was available for more than one test species that represented different guilds (based on factors such as dietary composition and trophic level). In these instances, the TRV considered most applicable to the target wildlife receptor evaluated at the site was used in the food web model. **Tables 15 and 16** indicate which test organism TRV was applied to each target wildlife receptor in the exposure dose calculations (see **Attachment 1**).

5 Risk Characterization

The risk characterization portion of the ERA uses the information generated during the three previous parts of the ERA (problem formulation, exposure assessment, and effects assessment) to estimate potential risks to ecological receptors at the level of conservatism applied (screening or baseline).

5.1 SERA Approach

The main objective of risk characterization at the screening level (termed risk calculation) is to derive a list of COPCs. As part of this risk calculation, the maximum exposure concentrations (abiotic media) or maximum exposure doses (upper trophic-level receptors) are compared with the corresponding ESVs or TRVs to derive risk estimates using the hazard quotient (HQ) method. HQs are calculated by dividing the chemical concentration in the medium being evaluated by the corresponding medium-specific ESV or by dividing the exposure dose by the corresponding ingestion-based TRV. HQs equaling or exceeding 1 indicate the potential for unacceptable risk because the chemical concentration or dose (exposure) equals or exceeds the ESV or TRV (effect); these chemicals were identified as COPCs at Step 2. However, ESVs/TRVs and exposure estimates are derived using intentionally conservative assumptions at the screening level, such that HQs greater than or equal to 1 do not necessarily indicate that unacceptable risks are present. Rather, it identifies chemical-pathway-receptor combinations requiring further evaluation using less conservative (but more realistic) exposure scenarios and assumptions. HQs less than 1 indicate that unacceptable risks are unlikely, enabling a conclusion of negligible (acceptable) risk to be reached with high confidence.

In addition to chemicals that equaled or exceeded medium-specific ESVs based on maximum detected concentrations, or that equaled or exceeded TRVs based on maximum ingestion doses, the following also applied to COPC selection at Step 2:

- Nondetected chemicals were retained as COPCs if the maximum detection limit equaled or exceeded the ESV for that medium, or if the ingestion dose calculated using the maximum detection limit equaled or exceeded the TRV.
- All detected chemicals lacking a TRV and/or ESV were retained as COPCs.
- The essential nutrients calcium, magnesium, potassium, and sodium were excluded as potential COPCs because they are essential macronutrients that are needed in relatively high concentrations for normal metabolism, growth, and reproduction.

5.2 BERA Approach

COPCs from the SERA were reevaluated in the BERA (Step 3A). This reevaluation involves using more realistic assumptions about exposures and a comparison of these revised exposure estimates (based on central tendency estimates of media concentrations, BAFs, and/or exposure parameters) with ESVs and TRVs.

In addition to chemicals that equaled or exceeded medium-specific ESVs based on mean and/or 95 percent UCL detected concentrations, or that equaled or exceeded TRVs based on mean and/or 95 percent UCL ingestion doses, the following also applied to COPC selection at Step 3A:

- All detected chemicals lacking a TRV and/or ESV were retained as COPCs for risk evaluation.
- Ingestion-based (food web) COPCs were based on a comparison of mean and 95 percent UCL exposure doses with ingestion TRVs based on the NOAEL, MATC, and LOAEL. An exceedance of the MATC was generally considered an unacceptable risk at Step 3A, although chemicals that exceeded the MATC, but not the LOAEL, were discussed for possible risk management considerations.

For Step 3A, the following additional factors were also considered, as appropriate:

- **Frequency of Detection.** Frequency of detection was used as a line of evidence in Step 3A but was not used as the sole basis for eliminating a chemical from further evaluation. Chemicals that were detected in less than 5 percent of the samples in a medium were generally eliminated as COPCs in that medium if at least 20 samples were available (USEPA, 1989). It is unlikely that infrequently detected chemicals represent an unacceptable risk to receptors at the population level, because of limited spatial exposure. However, the magnitude of ESV exceedances was also considered concurrently with frequency of detection to ensure that hot spot areas were not eliminated from consideration based on this screening criterion.
- **Background Concentrations.** Facility-specific background soil concentrations (**Table 17**) were also considered in Step 3A. The background evaluation consisted of a direct comparison of site soil concentrations to the 95 percent UTLs developed for inorganic constituents in the background study in a manner analogous to the comparison to ESVs. Soil background 95 percent UTL values have been developed separately for surface and subsurface soils (CH2M HILL, 2013).

5.3 Terrestrial Habitats

Terrestrial habitats on the site consist of a combination of forested, scrub, and open field areas. While the total size of the site is approximately 3.1 acres, the portion of the site directly associated with the former source areas (concrete pad and laydown areas) is much smaller.

5.3.1 Comparison with Ecological Screening Values

As discussed in **Section D.3.2**, the maximum, arithmetic mean, and 95 percent UCL of the arithmetic mean concentrations were compared with ESVs. Chemicals were excluded from further consideration in the SERA (Step 2) if the HQ based on the maximum concentration was less than 1. Chemicals were generally excluded from further consideration in the BERA (Step 3A) if the HQ based on the 95 percent UCL was less than 1, and/or if the maximum detected concentration was less than the background UTL.

5.3.1.1 Surface Soil

Maximum surface soil concentrations are compared to soil ESVs for plants and soil invertebrates in **Table 18**. **Table 19** identifies the exceedances of ESVs and background UTLs for each surface soil sample. Eleven metals (arsenic, barium, chromium, cobalt, copper, lead, mercury, nickel, selenium, vanadium, and zinc) and total petroleum hydrocarbons (TPH)-diesel-range organics (DRO) had HQs that equaled or exceeded 1 based on maximum detected concentrations (**Tables 18 and 19**). These 12 chemicals were identified as Step 2 COPCs. Two semivolatile organic compounds (SVOCs) (4-nitrophenol and pronamide) were not detected, but

maximum detection limits equaled or exceeded ESVs. These two chemicals were also identified as Step 2 COPCs.

Four metals (copper, selenium, vanadium, and zinc) and TPH-DRO had HQs that equaled or exceeded 1 based on detected 95 percent UCL concentrations and also equaled or exceeded background UTLs (where available). These five chemicals were identified as Step 3A COPCs for further risk evaluation (**Section D.5.5**).

One SVOC (pronamide) was not detected, but mean detection limits exceeded ESVs. This chemical was not identified as a Step 3A COPC for further risk evaluation but is evaluated further in the uncertainty section (**Section D.6**).

5.3.1.2 Shallow Subsurface Soil

Maximum shallow subsurface soil concentrations are compared to soil ESVs for plants and soil invertebrates in **Table 20**. **Table 21** identifies the exceedances of ESVs and background UTLs for each of the shallow subsurface soil samples. Six metals (barium, cobalt, copper, nickel, selenium, and vanadium) had HQs that equaled or exceeded 1, based on maximum detected concentrations (**Tables 20 and 21**). These six chemicals were identified as Step 2 COPCs.

Two metals (copper and vanadium) had HQs that equaled or exceeded 1 based on detected 95 percent UCL concentrations and also equaled or exceeded background UTLs. These two chemicals were identified as Step 3A COPCs for further risk evaluation (**Section D.5.5**).

5.3.2 Terrestrial Food Web Exposures

In terrestrial habitats, Step 2 food web COPCs were selected by first comparing maximum surface soil concentrations with the lower of the available bird and mammal Eco-SSLs for the chemicals listed in **Table 4**. These Eco-SSL values are listed in **Table 14**. Chemicals that equaled or exceeded the Eco-SSLs based on the maximum surface soil concentration were retained for site-specific food web modeling. Those that did not were not evaluated further for terrestrial food web exposures.

Chemicals that were on the bioaccumulative chemicals list (**Table 4**) and did not have Eco-SSLs were automatically included in site-specific food web modeling. The final Step 2 food web COPCs were selected based on a comparison of maximum exposure doses from site-specific food web modeling with the NOAEL-based ingestion TRV. Those chemicals with an exposure dose equaling or exceeding the NOAEL-based ingestion TRV were identified as Step 2 COPCs. For Step 3A, ingestion-based (food web) COPCs were based on a comparison of mean and 95 percent UCL exposure doses, with ingestion TRVs based on the NOAEL, MATC, and LOAEL. An exceedance of the 95 percent UCL-based MATC was generally considered an unacceptable risk at Step 3A, although chemicals that exceeded the MATC, but not the LOAEL, were discussed for possible risk management considerations.

Table 22 shows the results of the initial screening against bird and mammal Eco-SSLs. Nine metals (antimony, arsenic, cadmium, chromium, copper, lead, selenium, vanadium, and zinc) and HMW PAHs had HQs based on maximum detected surface soil concentrations that equaled or exceeded 1 for one or both of the Eco-SSLs. These 10 chemicals were retained for site-specific food web modeling (see **Attachment 1**).

HQs based on maximum exposure doses for each upper trophic-level terrestrial receptor are listed in **Table 23** (calculations are shown in **Attachment 1**). Based on a comparison to NOAELs, nine metals (antimony, arsenic, cadmium, chromium, copper, lead, mercury, vanadium, and zinc) and disulfoton had HQs equaling or exceeding 1 for one or more receptors. The exceedances for disulfoton were based on maximum detection limits. Ingestion TRVs were not available for any receptor for 1,2,4,5-tetrachlorobenzene, 4-bromophenyl-phenylether, and 4-chlorophenyl-phenylether, none of which were detected in surface soil.

HQs based on 95 percent UCL exposure doses for each upper trophic-level terrestrial receptor are listed in **Table 24** (calculations are shown in **Attachment 1**). Based on a comparison to NOAELs, only antimony and

vanadium had HQs that equaled or exceeded 1 for one or more receptors. HQs for vanadium based on the MATC and LOAEL also exceeded 1 for the thrasher and dove.

HQs based on the arithmetic mean for each terrestrial upper trophic-level receptor are listed in **Table 25** (calculations are shown in **Attachment 1**). Based on a comparison to NOAELs, only vanadium had HQs that equaled or exceeded 1 for one or more receptors. HQs for vanadium based on the MATC and LOAEL also exceeded 1 for the thrasher and dove.

Based on these results, vanadium was identified as a Step 3A COPC for further risk evaluation.

5.4 Risk Evaluation

In this section, the various lines of evidence discussed in the previous section are integrated in order to evaluate the potential for unacceptable risks.

Eight assessment endpoints were developed for terrestrial habitats on the site (**Table 3**). Lines of evidence for terrestrial habitats included the following:

- Comparison of surface soil and shallow subsurface soil concentrations with ESVs
- Comparison of modeled dietary doses with ingestion TRVs
- Comparison of site soil concentrations with background concentrations

In surface soil, four metals (copper, selenium, vanadium, and zinc) and TPH-DRO were identified as Step 3A COPCs for further risk evaluation (**Table 18**). Vanadium was also identified as a Step 3A COPC for further risk evaluation for terrestrial food web exposures. Vanadium exceeded ESVs and background UTLs in only 1 (78SB06-00) of 53 samples; the maximum ratio to the background UTL was 1.43. Copper exceeded ESVs and background UTLs in only 2 (78SB08-00 and 78SB16-00) of 53 samples; the maximum ratio to the background UTL was 1.46. Selenium exceeded ESVs and background UTLs in 3 (78SB12-00, 78SB45-00, and 78SB58-00) of 53 samples; the maximum ratio to the background UTL was 1.31. These three metals are considered to be consistent with background on a sitewide basis, based on the low frequency and magnitude of UTL exceedances.

Zinc exceeded ESVs and background UTLs in 13 samples. Only two samples (78SB21-00 and 78SB24-00) had ESV HQs exceeding 5 (5.10 and 5.51, respectively). The maximum concentration (at 78SB24-00) occurred along the site access road far removed from known source areas. 78SB21-00 is located within 50 feet of the drain valve, but a sample (78SB06-00) between the drain valve and this sample did not exceed either the ESV or UTL, nor did nearby samples (78SB22-00 and 78SB02-00). None of the UTL exceedances were associated with the locations of known materials storage, and there were no ESV exceedances in shallow subsurface soil samples. The zinc ESV/UTL exceedances in surface soils did, however, cluster into three areas (Figure 3-1 of the Amended Full RFI Report): (1) along the site access road (northwestern portion of the loop; 78SB58-00, 78SB24-00, and 78SB11-00); (2) south of the concrete pad (78SB08-00, 78SB20-00, and 78SB49-00); and (3) north and east of the concrete pad near the drain valve (78SB01-00 and 78SB21-00) and the concrete ramp (78SB03-00, 78SB18-00, 78SB04-00, 78SB17-00, and 78SB46-00).

The spatial distribution of ESV/UTL exceedances suggests that the concrete pad is a possible source of zinc, particularly to the north by the access ramp (east of the concrete pad, by the drain valve, there are many samples that do not exceed ESVs/UTLs interspersed with the two that do) although site history does not point to a known source of this metal. Zinc is, however, identified as a final Step 3A COPC for surface soils.

High concentrations of TPH-DRO (in excess of the soil ESV) occurred only in surface soils from sample 78SB01-00, which was located at the drain valve where the stained soils and stressed vegetation have been observed. The ESV exceedance occurred only for the parent sample from this location; concentrations in the field duplicate from this location were well below the ESV. The likely toxic components of TPH, such as benzene, toluene, ethylbenzene, and xylenes (BTEX) and PAHs, did not exceed soil ESVs in any site surface soil sample. Given this, and the very small area potentially impacted (the area of stained soil and stressed vegetation associated with potential releases from the drain valve encompassed approximately 30 square

feet [3 feet by 10 feet], as observed in June 2007), TPH-DRO was not identified as a final Step 3A COPC in surface soils.

In summary, ecological risks (in excess of background) from surface soil exposures are low on a sitewide basis. Only zinc was identified as a final Step 3A COPC, but high magnitude ESV/UTL exceedances were few and were spatially limited. The small area (approximately 30 square feet) near the drain valve where stained soils and stressed vegetation have been observed did not have high concentrations of any sampled chemical, except TPH-DRO, which did not exceed its soil ESV in the field duplicate from this location nor were soil ESVs for the likely toxic components of TPH (such as BTEX and PAHs) exceeded in either the parent or duplicate sample from this location.

For food web exposures, only vanadium exceeded the 95 percent UCL surface soil concentration based on the MATC exposure dose (the threshold for an effect in the BERA). However, vanadium concentrations in surface soil are considered consistent with background. Thus, there are no unacceptable risks to upper trophic-level receptors above background levels from this exposure pathway.

In shallow subsurface soil, two metals (copper and vanadium) were identified as Step 3A COPCs for further risk evaluation (**Table 20**). However, ecological exposures to these shallow subsurface soils (1 to 3 feet) are typically not significant except in areas where land crabs are present, which is extremely unlikely at this site considering the high elevation, lack of onsite or nearby surface water features, and depth to groundwater (greater than 20 feet).

Vanadium exceeded ESVs and background UTLs in 2 (78SB31-01 and 78SB39-01) of 37 samples. Only one of the two UTL exceedances was at a ratio exceeding 2. This occurred at 78SB39-01, located just south of the site access road. The surface sample from this location did not exceed background UTLs. Thus, vanadium was not identified as a final Step 3A COPC for this medium.

Copper exceeded ESVs and background UTLs in 4 (78SB08-01, 78SB09-01, 78SB27-01, and 78SB39-01) of 37 samples. Only one of the four UTL exceedances was at a ratio exceeding 2. This occurred at 78SB27-01, near the location where spools of wire were recently removed. There was not a surface sample (0 to 12 inches) at this location. Of the other three samples, only the surface sample at 78SB08-01 exceeded ESVs and UTLs. Copper was identified as a final Step 3A COPC based on its exceedance at 78SB08-01, which is near a possible source area, and the lack of a surface sample at this location. However, the exposure potential to subsurface soils is very low for the ecological receptors likely to occur at the site, and possible impacts would be very limited, spatially.

In summary, ecological risks (in excess of background) from shallow subsurface soil exposures are very low on a sitewide basis. Only copper was identified as a final Step 3A COPC although the exposure potential to subsurface soils is very low for the ecological receptors likely to occur at the site, and possible impacts would be very limited, spatially.

6 Uncertainties

Uncertainties are present in all ERAs because of the limitations of the available data and the need to make certain assumptions and extrapolations based on incomplete information. In addition, the use of various models (such as uptake and food web exposures) carries with it some associated uncertainty as to how well the model reflects actual conditions. Because conservative assumptions were generally used in the exposure and effects assessments, these uncertainties are more likely to result in an overestimation rather than an underestimation of the likelihood and magnitude of risks to ecological receptors.

The uncertainties in this ERA are mainly attributable to the following factors:

- Reporting Limits – Reporting limits for some undetected analytes exceeded applicable ESVs in some media. **Table 26** summarizes these chemicals, by medium, and reports both the ratio of the minimum and maximum reporting limits to the ESV as well as the ratio of the mean value (calculated using one-

half of the reporting limit for each sample) to the ESV. Because these chemicals were not detected, they are not known to be present on the site, but the potential for unacceptable risks cannot be totally discounted because the reporting limits are higher than the ESVs. The magnitude of the ratios can be used to qualitatively evaluate the magnitude of the associated uncertainty (that is, higher ratios are indicative of a greater likelihood that chemicals are present at concentrations that exceed the ESV relative to lower ratios). In surface soils, only one undetected chemical exceeded reporting limits based on the mean ratio, which did not exceed 1.5. No chemical in shallow subsurface soils exceeded reporting limits based on the mean ratio.

In summary, there were no chemicals with very high mean ratios, suggesting that the associated uncertainties are relatively low. Because standard analytical methods were used, and the sample reporting limits were not elevated relative to the method reporting limits for the vast majority of samples and analytes, these uncertainties are considered acceptable and are unlikely to impact the conclusions of the ERA:

- Duplicate Analyses – When evaluating samples with field duplicates, the value used in the ERA was always the detect when one result was a detect and the duplicate was a nondetect, regardless of whether or not the nondetected value was higher. In these cases, the use of the detect has less uncertainty because it represents an actual measured value (versus an upper limit bound), and the two samples will have identical or similar reporting limits.
- Selection of COPCs – Chemicals without available ESVs for a medium were not retained as COPCs for risk evaluation unless they were detected. These uncertainties are unlikely to impact the conclusions of the ERA because these chemicals are not known to be present on the site.
- Ingestion TRVs – Data on the toxicity of many chemicals to the receptor species were sparse or lacking, requiring the extrapolation of data from other wildlife species or from laboratory studies with nonwildlife species. This is a typical limitation and extrapolation for ERAs because so few wildlife species have been tested directly for most chemicals. The uncertainties associated with toxicity extrapolation were minimized through the selection of the most appropriate test species for which suitable toxicity data were available. The factors considered in selecting a test species to represent a receptor species included taxonomic relatedness, trophic level, foraging method, and similarity of diet. It is difficult to predict whether these extrapolations would result in overestimating or underestimating potential risks.
- A second uncertainty related to the derivation of ingestion TRVs applies to metals. Most of the toxicological studies on which the ingestion TRVs for metals were based used forms of the metal (such as salts) that have high water solubility and high bioavailability to receptors. Because the analytical samples on which site-specific exposure estimates were based measured total metal concentration, regardless of form, and these highly bioavailable forms are expected to compose only a fraction of the total metal concentration, this is likely to result in an overestimation of potential risks for these chemicals, but not to the extent that it would unduly impact the conclusions of the ERA.
- A third source of uncertainty related to the derivation of ingestion-based TRVs applies to mercury and selenium. The ingestion-based TRVs used for these two metals were based on organometallic (methylated) forms. TRVs for inorganic forms tend to be substantially higher. Given that inorganic forms likely contribute significantly to the total mercury and selenium, the use of TRVs based on organometallic forms tends to make the TRVs for these metals extremely conservative and likely overestimates potential risk.
- Chemical Mixtures – Information on the toxicological effects of chemical interactions is generally lacking for ecological receptors, which required (as is standard for ERAs) that the chemicals be evaluated on a compound-by-compound basis during the comparison to ESVs and TRVs. This could result in an underestimation of risk (if there are additive or synergistic effects among chemicals) or an overestimation of risks (if there are antagonistic effects among chemicals).

- Receptor Species Selection – Reptiles were selected as receptors in the ERA but were not evaluated quantitatively, even when exposure pathways were likely to be complete. For food web exposures, this taxon was evaluated using other fauna (birds and mammals) as surrogates due to the general lack of taxon-specific toxicological data. This represents an uncertainty in the ERA. It was also assumed that reptiles present on the site were not exposed to significantly higher concentrations of chemicals and were not more sensitive to chemicals than other receptor species evaluated in the ERA that were used as surrogates for this group. This assumption was a source of uncertainty in the ERA. In addition, there is some uncertainty associated with the use of specific receptor species to represent larger groups of organisms (such as guilds).
- Calculation of the Total Exposure Dose – For most chemicals, the contribution to the total dose from the inhalation route is insignificant for upper trophic-level ecological receptors, especially relative to ingestion pathways. Given the general lack of data for evaluating this pathway (USEPA, 1999), the air pathway is not generally included in the total dose calculations for these ecological receptors. This could lead to an underestimation of the total dose to which these receptors are exposed. However, this underestimation is likely to be very small because volatile organic compounds (the constituents most likely to contribute to exposures via the inhalation route) are not known site constituents. Exposure to chemicals present in surface soil via dermal contact may occur but is unlikely to represent a major exposure pathway for most upper trophic-level receptors because fur or feathers minimize transfer of chemicals across dermal tissue. As for the inhalation pathway, there is a general lack of data for evaluating this pathway (USEPA, 1999), and not including this pathway in the calculation of the total dose is not likely to significantly underestimate total exposure, especially because incidental ingestion of surface soil during feeding, preening, or grooming activities is included in the total dose calculations.
- Food Web Exposure Modeling – Chemical concentrations in terrestrial food items (terrestrial plants, soil invertebrates, and small mammals) were modeled from measured surface soil concentrations and were not directly measured. The use of generic, literature-derived exposure models and BAFs introduces some uncertainty into the resulting estimates. The values selected and methodology employed were intended to provide a conservative (Step 2) or reasonable (Step 3A) estimate of potential food web exposure concentrations.

  Another source of uncertainty is the use of default assumptions for exposure parameters such as BCFs and BAFs. Although BCFs or BAFs for many bioaccumulative chemicals were readily available from the literature and were used in the ERA, the use of a default factor of 1 to estimate the concentration of some chemicals in receptor prey items is a source of uncertainty.

  AUFs were assumed to equal 1. This is a very conservative assumption given the small size of the area on the site potentially impacted by known source areas. A significant percentage of each upper trophic-level receptor species' time could be spent foraging offsite in unimpacted areas or in areas where chemical concentrations are expected to be significantly lower.
- Mean Versus Maximum Media Concentrations – As is typical in an ERA, a finite number of samples of environmental media was used to develop the exposure estimates. The maximum measured concentration provides a conservative estimate for immobile biota or those with a limited home range. The most realistic exposure estimates for mobile species with relatively large home ranges and for species populations (even those that are immobile or have limited home ranges) are those based on the mean chemical concentrations in each medium to which these receptors are exposed. This is reflected in the wildlife dietary exposure models contained in the *Wildlife Exposure Factors Handbook* (USEPA, 1993), which specify the use of average media concentrations. Given the mobility of the upper trophic-level receptor species used in the ERA, the use of maximum chemical concentrations (rather than mean concentrations) in the SERA (Step 2) to estimate the exposure via food webs is very conservative. This conservatism was reduced to more realistic levels in the values selected for use in the

BERA (Step 3A) evaluation. The 95 percent UCL of the arithmetic mean was typically used quantitatively in the BERA portion of this ERA to represent the average exposure scenarios during COPC selection.

- Comparisons to Background Concentrations – Background concentrations were used to judge the site-relatedness of individual chemicals. If site concentrations were consistent with background levels, it was assumed that the concentrations were not related to known site-related source areas. There exists the possibility that concentrations below background were indeed site-related, rendering the assumption false. However, the potential impact of this possibility is minimal because chemicals at concentrations consistent with background should exhibit no different ecological effects than those commonly occurring in areas not affected by releases, regardless of their source.

7 Risk Summary and Conclusions

In summary, ecological risks (in excess of background) from surface soil exposures are low on a sitewide basis. Only zinc was identified as a final Step 3A COPC (**Table 27**), but high magnitude exceedances of the ESV and UTL were few and were spatially limited. The small area (approximately 30 square feet) near the drain valve where stained soils and stressed vegetation have been observed did not have high concentrations of any sampled chemical, except TPH-DRO, which did not exceed its soil ESV in the field duplicate from this location nor were soil ESVs for the likely toxic components of TPH (such as BTEX and PAHs) exceeded in either the parent or duplicate sample from this location. There were no unacceptable risks (in excess of background) for terrestrial food web exposures.

Ecological risks (in excess of background) from shallow subsurface soil exposures are very low on a sitewide basis. Only copper was identified as a final Step 3A COPC although the exposure potential to subsurface soils is very low for the ecological receptors likely to occur at the site, and possible impacts would be very limited, spatially.

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Tables

TABLE 1

Federally Listed Species Occurring or Potentially Occurring at NAPR

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Common Name	Scientific Name	Federal Status	Commonwealth Status	Range and Habitat
Plants				
Cobana negra	*Stahlia monosperma*	Threatened	Vulnerable	Edge of salt flats in brackish, seasonally flooded wetlands, remnants of mangrove forests and salt flats
Reptiles				
Green sea turtle	*Chelonia mydas*	Threatened	Endangered, Critical Element	Typically inhabits fairly shallow water; nests on sloped open beaches with minimal disturbance
Leatherback sea turtle	*Dermochelys coriacea*	Endangered	Endangered, Critical Element	Most often found in the open ocean; nests on beaches backed with vegetation, sloped sufficiently, and close to deep and generally rough seas
Hawksbill sea turtle	*Eretmochelys imbricata*	Endangered	Endangered, Critical Element	Rocky areas, reefs, lagoons, and narrow creeks; typically nests on beaches with vegetated areas
Loggerhead sea turtle	*Caretta caretta*	Threatened	Vulnerable, Critical Element	Often feeds in coral reefs and hard bottom habitats; nests on open beaches or along narrow bays
Puerto Rican boa	*Epicrates inornatus*	Endangered	Vulnerable, Critical Element	Forested volcanic and limestone (karst) hills, up to 1,150 meters in elevation
Virgin Islands tree boa	*Epicrates monensis granti*	Endangered	Critically Endangered, Critical Element	Trees with continuous canopy in subtropical dry forest, sometimes in more mesic habitats
Birds				
Yellow-shouldered blackbird	*Agelaius xanthomus*	Endangered (Critical Habitat on NAPR)	Endangered, Critical Element	Coastal forest, mangroves. All of NAPR is considered critical habitat for this species
Piping plover	*Charadrius melodus*	Threatened	Critically Endangered, Critical Element	Mud and salt flats, sandy beaches
Roseate tern	*Sterna dougallii dougallii*	Threatened	Vulnerable, Critical Element	Coastal waters, bays, and estuaries; nests on sandy beaches, open bare ground, and grassy areas and under tumbled boulders primarily on islands
Mammals				
West Indian manatee	*Trichechus manatus*	Endangered	Endangered, Critical Element	Marine, estuarine, and freshwater habitats, especially calm coastal waters with seagrass beds, river outlets

Sources: Draft Supplemental Environmental Assessment for the Disposal of Naval Activity Puerto Rico (2011); Estado Libre Asociado de Puerto Rico Regulation No. 6766 (2008); Puerto Rico Comprehensive Wildlife Conservation Strategy Volume 1 (2005)

TABLE 2

Soil Samples Used in the Ecological Risk Assessment

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Station ID	Sample ID	Date	Depth (feet)
Surface Soil			
78SB01	78SB01-00	5/31/2008	0 - 1
78SB01	78SB01-00D	5/31/2008	0 - 1
78SB02	78SB02-00	5/30/2008	0 - 1
78SB03	78SB03-00	5/31/2008	0 - 1
78SB04	78SB04-00	5/30/2008	0 - 1
78SB05	78SB05-00	5/30/2008	0 - 1
78SB06	78SB06-00	5/30/2008	0 - 1
78SB07	78SB07-00	5/30/2008	0 - 1
78SB08	78SB08-00	5/30/2008	0 - 1
78SB08	78SB08-00D	5/30/2008	0 - 1
78SB09	78SB09-00	5/29/2008	0 - 1
78SB10	78SB10-00	5/29/2008	0 - 1
78SB11	78SB11-00	5/29/2008	0 - 1
78SB12	78SB12-00	5/29/2008	0 - 1
78SB13	78SB13-00	5/29/2008	0 - 1
78SB14	78SB14-00	5/29/2008	0 - 1
78SB15	78SB15-00	5/30/2008	0 - 1
78SB16	78SB16-00	5/30/2008	0 - 1
78SB17	78SB17-00	4/27/2011	0 - 1
78SB17	78SB17-00D	4/27/2011	0 - 1
78SB18	78SB18-00	4/27/2011	0 - 1
78SB19	78SB19-00	4/27/2011	0 - 1
78SB20	78SB20-00	4/26/2011	0 - 1
78SB21	78SB21-00	4/27/2011	0 - 1
78SB22	78SB22-00	4/27/2011	0 - 1
78SB23	78SB23-00	4/26/2011	0 - 1
78SB24	78SB24-00	4/26/2011	0 - 1
78SB25	78SB25-00	4/26/2011	0 - 1
78SB25	78SB25-00D	4/26/2011	0 - 1
78SB26	78SB26-00	4/26/2011	0 - 1
78SB33	78SB33-00	4/28/2011	0 - 1
78SB34	78SB34-00	4/28/2011	0 - 1
78SB35	78SB35-00	4/28/2011	0 - 1
78SB36	78SB36-00	4/28/2011	0 - 1
78SB37	78SB37-00	4/28/2011	0 - 1
78SB37	78SB37-00D	4/28/2011	0 - 1
78SB38	78SB38-00	4/28/2011	0 - 1
78SB39	78SB39-00	4/28/2011	0 - 1
78SB39	78SB39-00D	4/28/2011	0 - 1
78SB40	78SB40-00	4/28/2011	0 - 1
78SB41	78SB41-00	4/28/2011	0 - 1

TABLE 2

Soil Samples Used in the Ecological Risk Assessment

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Station ID	Sample ID	Date	Depth (feet)
78SB42	78SB42-00	4/28/2011	0 - 1
78SB43	78SB43-00	4/28/2011	0 - 1
78SB44	78SB44-00	4/28/2011	0 - 1
78SB45	78SB45-00	4/28/2011	0 - 1
78SB46	78SB46-00	4/27/2011	0 - 1
78SB47	78SB47-00	4/27/2011	0 - 1
78SB48	78SB48-00	4/26/2011	0 - 1
78SB49	78SB49-00	4/26/2011	0 - 1
78SB50	78SB50-00	9/25/2011	0 - 1
78SB51	78SB51-00	9/25/2011	0 - 1
78SB52	78SB52-00	9/25/2011	0 - 1
78SB53	78SB53-00	9/25/2011	0 - 1
78SB54	78SB54-00	9/25/2011	0 - 1
78SB55	78SB55-00	9/25/2011	0 - 1
78SB56	78SB56-00	9/25/2011	0 - 1
78SB57	78SB57-00	9/27/2011	0 - 1
78SB58	78SB58-00	9/27/2011	0 - 1
78SB58	78SB58-00D	9/27/2011	0 - 1
78SB59	78SB59-00	9/27/2011	0 - 1
Shallow Subsurface Soil			
78SB01	78SB01-01	5/31/2008	1 - 3
78SB02	78SB02-01	5/30/2008	1 - 3
78SB03	78SB03-01	5/31/2008	1 - 3
78SB03	78SB03-01D	5/31/2008	1 - 3
78SB04	78SB04-01	5/30/2008	1 - 3
78SB05	78SB05-01	5/30/2008	1 - 3
78SB06	78SB06-01	5/30/2008	1 - 3
78SB07	78SB07-01	5/30/2008	1 - 3
78SB08	78SB08-01	5/30/2008	1 - 3
78SB09	78SB09-01	5/29/2008	1 - 3
78SB10	78SB10-01	5/29/2008	1 - 3
78SB13	78SB13-01	5/29/2008	1 - 3
78SB15	78SB15-01	5/30/2008	1 - 3
78SB16	78SB16-01	5/30/2008	1 - 3
78SB17	78SB17-01	4/27/2011	1 - 3
78SB17	78SB17-01D	4/27/2011	1 - 3
78SB18	78SB18-01	4/27/2011	1 - 3
78SB21	78SB21-01	4/27/2011	1 - 3
78SB22	78SB22-01	4/27/2011	1 - 3
78SB23	78SB23-01	4/26/2011	1 - 3
78SB23	78SB23-01D	4/26/2011	1 - 3
78SB24	78SB24-01	4/26/2011	1 - 3

TABLE 2

Soil Samples Used in the Ecological Risk Assessment

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Station ID	Sample ID	Date	Depth (feet)
78SB25	78SB25-01	4/26/2011	1 - 3
78SB26	78SB26-01	4/26/2011	1 - 3
78SB27	78SB27-01	4/27/2011	1 - 3
78SB28	78SB28-01	4/26/2011	1 - 3
78SB29	78SB29-01	4/26/2011	1 - 3
78SB30	78SB30-01	4/27/2011	1 - 3
78SB30	78SB30-01D	4/27/2011	1 - 3
78SB31	78SB31-01	4/27/2011	1 - 3
78SB32	78SB32-01	4/27/2011	1 - 3
78SB37	78SB37-01	4/28/2011	1 - 3
78SB38	78SB38-01	4/28/2011	1 - 3
78SB38	78SB38-01D	4/28/2011	1 - 3
78SB39	78SB39-01	4/28/2011	1 - 3
78SB40	78SB40-01	4/28/2011	1 - 3
78SB41	78SB41-01	4/28/2011	1 - 3
78SB42	78SB42-01	4/28/2011	1 - 3
78SB47	78SB47-01	4/27/2011	1 - 3
78SB57	78SB57-01	9/27/2011	1 - 3
78SB58	78SB58-01	9/27/2011	1 - 3
78SB58	78SB58-01D	9/27/2011	1 - 3
78SB59	78SB59-01	9/27/2011	1 - 3

Shaded cells indicate field duplicates

TABLE 3

Assessment Endpoints, Risk Hypotheses, and Measurement Endpoints

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Assessment Endpoint	Risk Hypothesis	Measurement Endpoint	Receptor
Terrestrial Habitats			
Survival, growth, and reproduction of terrestrial soil invertebrate communities	Are site-related chemical concentrations in surface soil sufficient to adversely affect soil invertebrate communities?	Comparison of maximum (SERA) and mean (BERA) chemical concentrations in surface soil with soil ESVs	Soil invertebrates
Survival, growth, and reproduction of terrestrial plant communities	Are site-related chemical concentrations in surface soil sufficient to adversely affect terrestrial plant communities?	Comparison of maximum (SERA) and mean (BERA) chemical concentrations in surface soil with soil ESVs	Terrestrial plants
Survival, growth, and reproduction of terrestrial reptile populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to terrestrial reptile populations?	Comparison of maximum (SERA) and mean (BERA) chemical concentrations in surface soil with soil ESVs Evidence of potential risk to other upper trophic level terrestrial receptors evaluated in the ERA (birds and mammals used as surrogates)	Reptiles
Survival, growth, and reproduction of avian terrestrial invertivore (SERA)/ omnivore (BERA) populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to avian receptor populations that may consume soil invertebrates (SERA) or terrestrial plants and soil invertebrates (BERA) from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Pearly-eyed thrasher
Survival, growth, and reproduction of avian terrestrial herbivore populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to avian receptor populations that may consume terrestrial plants from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Common ground dove

TABLE 3

Assessment Endpoints, Risk Hypotheses, and Measurement Endpoints

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Assessment Endpoint	Risk Hypothesis	Measurement Endpoint	Receptor
Survival, growth, and reproduction of avian terrestrial carnivore populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to avian receptor populations that may consume small mammals from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Red-tailed hawk
Survival, growth, and reproduction of mammalian terrestrial herbivore (SERA)/ omnivore (BERA) populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to mammalian receptor populations that may consume terrestrial plants (SERA) or terrestrial plants and soil invertebrates (BERA) from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Norway rat
Survival, growth, and reproduction of mammalian terrestrial invertivore (SERA)/ omnivore (BERA) populations	Are site-related chemical concentrations in surface soil sufficient to cause adverse effects (on growth, survival, or reproduction) to mammalian receptor populations that may consume soil invertebrates (SERA) or small mammals, soil invertebrates, and terrestrial plants (BERA) from the site?	Comparison of modeled dietary intakes using maximum (SERA) and mean (BERA) surface soil concentrations with literature-based ingestion TRVs; maximum HQs ≥ 1 based on the NOAEL (SERA) and mean HQs ≥ 1 based on the MATC (BERA) indicate an effect	Indian mongoose

TABLE 4

Bioaccumulative Chemicals List and Log K_{ow} Values for Chemicals Relevant to SWMU 78

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Log K_{ow} Range	Selected log K_{ow}	Reference
Metals			
Antimony[1]	-- - --	--	--
Arsenic	-- - --	--	--
Barium[1]	-- - --	--	--
Beryllium[1]	-- - --	--	--
Cadmium	-- - --	--	--
Chromium[2]	-- - --	--	--
Cobalt[1]	-- - --	--	--
Copper	-- - --	--	--
Lead	-- - --	--	--
Mercury[3]	-- - --	--	--
Nickel	-- - --	--	--
Selenium	-- - --	--	--
Silver	-- - --	--	--
Vanadium[1]	-- - --	--	--
Zinc	-- - --	--	--
Polychlorinated Biphenyls[4]			
Aroclor-1016	Not reported	5.60	Sample et al. 1996
Aroclor-1221	Not reported	4.70	Jones et al. 1997
Aroclor-1232	Not reported	5.10	Jones et al. 1997
Aroclor-1242	Not reported	5.60	Jones et al. 1997
Aroclor-1248	Not reported	6.20	Jones et al. 1997
Aroclor-1254	Not reported	6.50	Jones et al. 1997
Aroclor-1260	Not reported	6.80	Jones et al. 1997
Pesticides			
Disulfoton	3.84 - 4.10	3.98	USEPA 1995a
Volatile and Semivolatile Organic Compounds			
1,1,1,2-Tetrachloroethane[5]	2.63 - 3.03	2.63	USEPA 1995a
1,1,2,2-Tetrachloroethane[5]	2.31 - 2.64	2.39	USEPA 1995a
1,2,4,5-Tetrachlorobenzene	4.51 - 4.83	4.64	USEPA 1995a
1,2,4-Trichlorobenzene	3.89 - 4.23	4.01	USEPA 1995a
1,2-Dichlorobenzene	3.20 - 3.61	3.43	USEPA 1995a
1,3-Dichlorobenzene	Not reported	3.50	USEPA 1996
1,4-Dichlorobenzene	3.26 - 3.62	3.42	USEPA 1995a
4-Bromophenyl-phenylether	4.89 - 5.24	5.00	USEPA 1995a
4-Chlorophenyl-phenylether	4.08 - 5.09	4.95	USEPA 1995a
Acenaphthene	3.77 - 4.49	3.92	USEPA 1995a
Acenaphthylene	Not reported	4.10	USEPA 1996
Anthracene	4.44 - 4.80	4.55	USEPA 1995a
Benzo(a)anthracene	5.61 - 5.79	5.70	USEPA 1995a
Benzo(a)pyrene	5.98 - 6.34	6.11	USEPA 1995a

TABLE 4

Bioaccumulative Chemicals List and Log K_{ow} Values for Chemicals Relevant to SWMU 78

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Log K_{ow} Range	Selected log K_{ow}	Reference
Benzo(b)fluoranthene	5.79 - 6.40	6.20	USEPA 1995a
Benzo(g,h,i)perylene	6.58 - 7.05	6.70	USEPA 1995a
Benzo(k)fluoranthene	6.12 - 6.27	6.20	USEPA 1995a
Chrysene	5.41 - 5.79	5.70	USEPA 1995a
Dibenz(a,h)anthracene	6.50 - 6.88	6.69	USEPA 1995a
Fluoranthene	4.84 - 5.39	5.12	USEPA 1995a
Fluorene	4.04 - 4.40	4.21	USEPA 1995a
Hexachlorobenzene	5.23 - 6.92	5.89	USEPA 1995a
Hexachlorobutadiene	4.74 - 5.16	4.81	USEPA 1995a
Hexachlorocyclopentadiene	5.05 - 5.51	5.39	USEPA 1995a
Hexachloroethane	3.82 - 4.14	4.00	USEPA 1995a
Indeno(1,2,3-cd)pyrene	6.58 - 6.72	6.65	USEPA 1995a
Pentachlorobenzene	4.94 - 5.74	5.26	USEPA 1995a
Pentachloronitrobenzene	4.18 - 4.64	4.64	USEPA 1995a
Pentachlorophenol	5.01 - 5.24	5.09	USEPA 1995a
Phenanthrene	4.37 - 4.57	4.55	USEPA 1995a
Pyrene	4.76 - 5.52	5.11	USEPA 1995a

[1] Terrestrial habitats (soils) only (see text)

[2] Listed as chromium VI but applied to total chromium

[3] Listed as methylmercury but applied to total mercury

[4] PCB congeners 8, 18, 28, 44, 52, 66, 77, 81, 101, 105, 118, 126, 128, 138, 153, 156, 169, 170, 180, 187, 195, 206, and 209 are also listed in USEPA (2000)

[5] Listed as "tetrachloroethane"

TABLE 5

Soil Bioconcentration Factors For Plants (Dry Weight)

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Screening (Step 2)			Baseline (Step 3A)		
	Value	Basis	Reference	Value	Basis	Reference
Metals						
Antimony	--	See Table D-6	--	--	See Table D-6	--
Arsenic	--	See Table D-6	--	--	See Table D-6	--
Barium	0.477	90th percentile	Bechtel Jacobs 1998a (Table D-1)	0.154	Geometric mean	Bechtel Jacobs 1998a (Table D-1)
Beryllium	--	See Table D-6	--	--	See Table D-6	--
Cadmium	--	See Table D-6	--	--	See Table D-6	--
Chromium	0.084	90th percentile	Bechtel Jacobs 1998a (Table D-1)	0.041	Median	Bechtel Jacobs 1998a (Table D-1); USEPA 2007g (Table 4a)
Cobalt	0.025	90th percentile	Bechtel Jacobs 1998a (Table D-1)	0.008	Geometric mean	Bechtel Jacobs 1998a (Table D-1)
Copper	--	See Table D-6	--	--	See Table D-6	--
Lead	--	See Table D-6	--	--	See Table D-6	--
Mercury	--	See Table D-6	--	--	See Table D-6	--
Nickel	--	See Table D-6	--	--	See Table D-6	--
Selenium	--	See Table D-6	--	--	See Table D-6	--
Silver	0.037	90th percentile	Bechtel Jacobs 1998a (Table D-1)	0.014	Median	Bechtel Jacobs 1998a (Table D-1); USEPA 2007g (Table 4a)
Vanadium	0.010	90th percentile	Bechtel Jacobs 1998a (Table D-1)	0.005	Geometric mean	Bechtel Jacobs 1998a (Table D-1)
Zinc	--	See Table D-6	--	--	See Table D-6	--
Pesticides						
Disulfoton	1.467	Calculated	USEPA 2007g (Figure 5B)	1.467	Calculated	USEPA 2007g (Figure 5B)
Polychlorinated Biphenyls						
Aroclor-1016	0.323	Calculated	USEPA 2007g (Figure 5B)	0.323	Calculated	USEPA 2007g (Figure 5B)
Aroclor-1221	0.749	Calculated	USEPA 2007g (Figure 5B)	0.749	Calculated	USEPA 2007g (Figure 5B)
Aroclor-1232	0.515	Calculated	USEPA 2007g (Figure 5B)	0.515	Calculated	USEPA 2007g (Figure 5B)
Aroclor-1242	0.323	Calculated	USEPA 2007g (Figure 5B)	0.323	Calculated	USEPA 2007g (Figure 5B)
Aroclor-1248	0.184	Calculated	USEPA 2007g (Figure 5B)	0.184	Calculated	USEPA 2007g (Figure 5B)
Aroclor-1254	0.139	Calculated	USEPA 2007g (Figure 5B)	0.139	Calculated	USEPA 2007g (Figure 5B)
Aroclor-1260	0.105	Calculated	USEPA 2007g (Figure 5B)	0.105	Calculated	USEPA 2007g (Figure 5B)
Volatile and Semivolatile Organic Compounds						
1,1,1,2-Tetrachloroethane	1.000	Assumed	--	1.000	Assumed	--

TABLE 5

Soil Bioconcentration Factors For Plants (Dry Weight)

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Screening (Step 2)			Baseline (Step 3A)		
	Value	Basis	Reference	Value	Basis	Reference
1,1,2,2-Tetrachloroethane	1.000	Assumed	--	1.000	Assumed	--
1,2,4,5-Tetrachlorobenzene	0.792	Calculated	USEPA 2007g (Figure 5B)	0.792	Calculated	USEPA 2007g (Figure 5B)
1,2,4-Trichlorobenzene	1.426	Calculated	USEPA 2007g (Figure 5B)	1.426	Calculated	USEPA 2007g (Figure 5B)
1,2-Dichlorobenzene	2.452	Calculated	USEPA 2007g (Figure 5B)	2.452	Calculated	USEPA 2007g (Figure 5B)
1,3-Dichlorobenzene	2.296	Calculated	USEPA 2007g (Figure 5B)	2.296	Calculated	USEPA 2007g (Figure 5B)
1,4-Dichlorobenzene	2.475	Calculated	USEPA 2007g (Figure 5B)	2.475	Calculated	USEPA 2007g (Figure 5B)
4-Bromophenyl-phenylether	0.566	Calculated	USEPA 2007g (Figure 5B)	0.566	Calculated	USEPA 2007g (Figure 5B)
4-Chlorophenyl-phenylether	0.593	Calculated	USEPA 2007g (Figure 5B)	0.593	Calculated	USEPA 2007g (Figure 5B)
Acenaphthene	--	See Table D-6	--	--	See Table D-6	--
Acenaphthylene	--	See Table D-6	--	--	See Table D-6	--
Anthracene	--	See Table D-6	--	--	See Table D-6	--
Benzo(a)anthracene	--	See Table D-6	--	--	See Table D-6	--
Benzo(a)pyrene	--	See Table D-6	--	--	See Table D-6	--
Benzo(b)fluoranthene	0.310	Median	USEPA 2007g (Table 4b)	0.310	Median	USEPA 2007g (Table 4b)
Benzo(g,h,i)perylene	--	See Table D-6	--	--	See Table D-6	--
Benzo(k)fluoranthene	--	See Table D-6	--	--	See Table D-6	--
Chrysene	--	See Table D-6	--	--	See Table D-6	--
Dibenz(a,h)anthracene	0.130	Median	USEPA 2007g (Table 4b)	0.130	Median	USEPA 2007g (Table 4b)
Fluoranthene	0.500	Median	USEPA 2007g (Table 4b)	0.500	Median	USEPA 2007g (Table 4b)
Fluorene	--	See Table D-6	--	--	See Table D-6	--
Hexachlorobenzene	0.246	Calculated	USEPA 2007g (Figure 5B)	0.246	Calculated	USEPA 2007g (Figure 5B)
Hexachlorobutadiene	0.675	Calculated	USEPA 2007g (Figure 5B)	0.675	Calculated	USEPA 2007g (Figure 5B)
Hexachlorocyclopentadiene	0.393	Calculated	USEPA 2007g (Figure 5B)	0.393	Calculated	USEPA 2007g (Figure 5B)
Hexachloroethane	1.439	Calculated	USEPA 2007g (Figure 5B)	1.439	Calculated	USEPA 2007g (Figure 5B)
Indeno(1,2,3-cd)pyrene	0.110	Median	USEPA 2007g (Table 4b)	0.110	Median	USEPA 2007g (Table 4b)
Pentachlorobenzene	0.444	Calculated	USEPA 2007g (Figure 5B)	0.444	Calculated	USEPA 2007g (Figure 5B)
Pentachloronitrobenzene	0.792	Calculated	USEPA 2007g (Figure 5B)	0.792	Calculated	USEPA 2007g (Figure 5B)
Pentachlorophenol	5.930	Median	USEPA 2007g (Table 4c)	5.930	Median	USEPA 2007g (Table 4c)
Phenanthrene	--	See Table D-6	--	--	See Table D-6	--
Pyrene	0.720	Median	USEPA 2007g (Table 4b)	0.720	Median	USEPA 2007g (Table 4b)

[1] Calculated as described in the text using the "selected" log K_{ow} from Table D-4

TABLE 6

Bioconcentration/Bioaccumulation Factor Models (Dry Weight)

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Plants[1]	Reference	Soil Invertebrates[2]	Reference	Small Mammal Omnivores[3]	Reference
Metals						
Antimony	$C_p = e^{(-3.233 + 0.938(\ln Cs))}$	USEPA 2007g (Table 4a)	--	--	--	--
Arsenic	$C_p = e^{(-1.992 + 0.564(\ln Cs))}$	Bechtel Jacobs 1998a (Table 7)	$C_w = e^{(-1.421 + 0.706(\ln Cs))}$	Sample et al. 1998a (Table 12); USEPA 2007g (Table 4a)	$C_m = e^{(-4.5796 + 0.7354(\ln Cs))}$	Sample et al. 1998b (Table 8)
Beryllium	$C_p = e^{(-0.5361 + 0.7345(\ln Cs))}$	USEPA 2007g (Table 4a)	--	--	--	--
Cadmium	$C_p = e^{(-0.476 + 0.546(\ln Cs))}$	Bechtel Jacobs 1998a (Table 7); USEPA 2007g (Table 4a)	$C_w = e^{(2.114 + 0.795(\ln Cs))}$	Sample et al. 1998a (Table 12); USEPA 2007g (Table 4a)	$C_m = e^{(-1.5383 + 0.5660(\ln Cs))}$	Sample et al. 1998b (Table 8)
Chromium	--	--	--	--	$C_m = e^{(-1.4945 + 0.7326(\ln Cs))}$	Sample et al. 1998b (Table 8)
Cobalt	--	--	--	--	$C_m = e^{(-4.4669 + 1.3070(\ln Cs))}$	Sample et al. 1998b (Table 8 - General); USEPA 2007g (Table 4a)
Copper	$C_p = e^{(0.669 + 0.394(\ln Cs))}$	Bechtel Jacobs 1998a (Table 7); USEPA 2007g (Table 4a)	$C_w = e^{(1.675 + 0.264(\ln Cs))}$	Sample et al. 1998a (Table 12)	$C_m = e^{(1.4592 + 0.2681(\ln Cs))}$	Sample et al. 1998b (Table 8)
Lead	$C_p = e^{(-1.328 + 0.561(\ln Cs))}$	Bechtel Jacobs 1998a (Table 7); USEPA 2007g (Table 4a)	$C_w = e^{(-0.218 + 0.807(\ln Cs))}$	Sample et al. 1998a (Table 12); USEPA 2007g (Table 4a)	$C_m = e^{(0.0761 + 0.4422(\ln Cs))}$	Sample et al. 1998b (Table 8 - General); USEPA 2007g (Table 4a)
Mercury	$C_p = e^{(-0.996 + 0.544(\ln Cs))}$	Bechtel Jacobs 1998a (Table 7)	--	--	--	--
Nickel	$C_p = e^{(-2.224 + 0.748(\ln Cs))}$	Bechtel Jacobs 1998a (Table 7); USEPA 2007g (Table 4a)	--	--	$C_m = e^{(-0.2462 + 0.4658(\ln Cs))}$	Sample et al. 1998b (Table 8 - General); USEPA 2007g (Table 4a)

TABLE 6

Bioconcentration/Bioaccumulation Factor Models (Dry Weight)

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Plants[1]	Reference	Soil Invertebrates[2]	Reference	Small Mammal Omnivores[3]	Reference
Selenium	$C_p = e^{(-0.678 + 1.104(\ln Cs))}$	Bechtel Jacobs 1998a (Table 7); USEPA 2007g (Table 4a)	$C_w = e^{(-0.075 + 0.733(\ln Cs))}$	Sample et al. 1998a (Table 12); USEPA 2007g (Table 4a)	$C_m = e^{(-0.4158 + 0.3764(\ln Cs))}$	Sample et al. 1998b (Table 8 - General); USEPA 2007g (Table 4a)
Zinc	$C_p = e^{(1.575 + 0.555(\ln Cs))}$	Bechtel Jacobs 1998a (Table 7); USEPA 2007g (Table 4a)	$C_w = e^{(4.449 + 0.328(\ln Cs))}$	Sample et al. 1998a (Table 12); USEPA 2007g (Table 4a)	$C_m = e^{(4.4713 + 0.0738(\ln Cs))}$	Sample et al. 1998b (Table 8 - General)
Polychlorinated Biphenyls						
Aroclor-1016	--	--	$C_w = e^{(1.410 + 1.361(\ln Cs))}$	Sample et al. 1998a (Table 12)	--	--
Aroclor-1221	--	--	$C_w = e^{(1.410 + 1.361(\ln Cs))}$	Sample et al. 1998a (Table 12)	--	--
Aroclor-1232	--	--	$C_w = e^{(1.410 + 1.361(\ln Cs))}$	Sample et al. 1998a (Table 12)	--	--
Aroclor-1242	--	--	$C_w = e^{(1.410 + 1.361(\ln Cs))}$	Sample et al. 1998a (Table 12)	--	--
Aroclor-1248	--	--	$C_w = e^{(1.410 + 1.361(\ln Cs))}$	Sample et al. 1998a (Table 12)	--	--
Aroclor-1254	--	--	$C_w = e^{(1.410 + 1.361(\ln Cs))}$	Sample et al. 1998a (Table 12)	--	--
Aroclor-1260	--	--	$C_w = e^{(1.410 + 1.361(\ln Cs))}$	Sample et al. 1998a (Table 12)	--	--
PAHs						
Acenaphthene	$C_p = e^{(-5.562 - 0.8556(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--
Acenaphthylene	$C_p = e^{(-1.144 + 0.791(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--
Anthracene	$C_p = e^{(-0.9887 + 0.7784(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--
Benzo(a)anthracene	$C_p = e^{(-2.7078 + 0.5944(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--

TABLE 6

Bioconcentration/Bioaccumulation Factor Models (Dry Weight)

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Plants[1]	Reference	Soil Invertebrates[2]	Reference	Small Mammal Omnivores[3]	Reference
Benzo(a)pyrene	$C_p = e^{(-2.0615 + 0.9750(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--
Benzo(g,h,i)perylene	$C_p = e^{(-0.9313 + 1.1829(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--
Benzo(k)fluoranthene	$C_p = e^{(-2.1579 + 0.8595(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--
Chrysene	$C_p = e^{(-2.7078 + 0.5944(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--
Fluorene	$C_p = e^{(-5.562 - 0.8556(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--
Phenanthrene	$C_p = e^{(-0.1665 + 0.6203(\ln Cs))}$	USEPA 2007g (Table 4b)	--	--	--	--

[1] Where C_p = Concentration in aboveground portion of plant (mg/kg dry wt) and C_s = Concentration in soil (mg/kg dry wt)

[2] Where C_w = Concentration in earthworm (mg/kg dry wt) and C_s = Concentration in soil (mg/kg dry wt)

[3] Where C_m = Concentration in whole-body small mammal (mg/kg dry wt) and C_s = Concentration in soil (mg/kg dry wt)

TABLE 7

Soil Bioaccumulation Factors For Soil Invertebrates (Dry Weight)

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Screening (Step 2)			Baseline (Step 3A)		
	Value	Basis	Reference	Value	Basis	Reference
Metals						
Antimony	1.000	Assumed	--	1.000	Assumed	--
Arsenic	--	See Table D-6	--	--	See Table D-6	--
Barium	0.160	90th percentile	Sample et al. 1998a (Table C.1)	0.060	Geometric mean	Sample et al. 1998a (Table C.1)
Beryllium	1.182	90th percentile	Sample et al. 1998a (Table C.1)	0.070	Geometric mean	Sample et al. 1998a (Table C.1)
Cadmium	--	See Table D-6	--	--	See Table D-6	--
Chromium	3.162	90th percentile	Sample et al. 1998a (Table 11)	0.320	Geometric mean	Sample et al. 1998a (Table 11)
Cobalt	0.291	90th percentile	Sample et al. 1998a (Table C.1)	0.113	Geometric mean	Sample et al. 1998a (Table C.1)
Copper	--	See Table D-6	--	--	See Table D-6	--
Lead	--	See Table D-6	--	--	See Table D-6	--
Mercury	20.63	90th percentile	Sample et al. 1998a (Table 11)	1.186	Geometric mean	Sample et al. 1998a (Table 11)
Nickel	4.730	90th percentile	Sample et al. 1998a (Table 11)	1.656	Arithmetic mean	Sample et al. 1998a (Table 11)
Selenium	--	See Table D-6	--	--	See Table D-6	--
Silver	15.34	90th percentile	Sample et al. 1998a (Table C.1)	2.045	Median	Sample et al. 1998a (Table C.1); USEPA 2007g (Table 4a)
Vanadium	0.088	90th percentile	Sample et al. 1998a (Table C.1)	0.039	Arithmetic mean	Sample et al. 1998a (Table C.1)
Zinc	--	See Table D-6	--	--	See Table D-6	--
Pesticides						
Disulfoton	1.000	Assumed	--	1.000	Assumed	--
Polychlorinated Biphenyls						
Aroclor-1016	--	See Table D-6	--	--	See Table D-6	--
Aroclor-1221	--	See Table D-6	--	--	See Table D-6	--
Aroclor-1232	--	See Table D-6	--	--	See Table D-6	--
Aroclor-1242	--	See Table D-6	--	--	See Table D-6	--
Aroclor-1248	--	See Table D-6	--	--	See Table D-6	--
Aroclor-1254	--	See Table D-6	--	--	See Table D-6	--
Aroclor-1260	--	See Table D-6	--	--	See Table D-6	--
Volatile and Semivolatile Organic Compounds						
1,1,1,2-Tetrachloroethane	1.000	Assumed	--	1.000	Assumed	--
1,1,2,2-Tetrachloroethane	1.000	Assumed	--	1.000	Assumed	--
1,2,4,5-Tetrachlorobenzene	0.500	Mean	Beyer 1996	0.500	Mean	Beyer 1996
1,2,4-Trichlorobenzene	0.560	Mean	Beyer 1996	0.560	Mean	Beyer 1996

TABLE 7

Soil Bioaccumulation Factors For Soil Invertebrates (Dry Weight)

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Screening (Step 2)			Baseline (Step 3A)		
	Value	Basis	Reference	Value	Basis	Reference
1,2-Dichlorobenzene	1.000	Assumed	--	1.000	Assumed	--
1,3-Dichlorobenzene	1.000	Assumed	--	1.000	Assumed	--
1,4-Dichlorobenzene	1.000	Assumed	--	1.000	Assumed	--
4-Bromophenyl-phenylether	1.000	Assumed	--	1.000	Assumed	--
4-Chlorophenyl-phenylether	1.000	Assumed	--	1.000	Assumed	--
Acenaphthene	0.300	Median	Beyer and Stafford 1993	0.300	Median	Beyer and Stafford 1993
Acenaphthylene	0.220	Median	Beyer and Stafford 1993	0.220	Median	Beyer and Stafford 1993
Anthracene	0.320	Median	Beyer and Stafford 1993	0.320	Median	Beyer and Stafford 1993
Benzo(a)anthracene	0.270	Median	Beyer and Stafford 1993	0.270	Median	Beyer and Stafford 1993
Benzo(a)pyrene	0.340	Median	Beyer and Stafford 1993	0.340	Median	Beyer and Stafford 1993
Benzo(b)fluoranthene	0.210	Median	Beyer and Stafford 1993	0.210	Median	Beyer and Stafford 1993
Benzo(g,h,i)perylene	0.150	Median	Beyer and Stafford 1993	0.150	Median	Beyer and Stafford 1993
Benzo(k)fluoranthene	0.210	Median	Beyer and Stafford 1993	0.210	Median	Beyer and Stafford 1993
Chrysene	0.440	Median	Beyer and Stafford 1993	0.440	Median	Beyer and Stafford 1993
Dibenz(a,h)anthracene	0.490	Median	Beyer and Stafford 1993	0.490	Median	Beyer and Stafford 1993
Fluoranthene	0.370	Median	Beyer and Stafford 1993	0.370	Median	Beyer and Stafford 1993
Fluorene	0.200	Median	Beyer and Stafford 1993	0.200	Median	Beyer and Stafford 1993
Hexachlorobenzene	1.690	Mean	Beyer 1996	1.690	Mean	Beyer 1996
Hexachlorobutadiene	1.000	Assumed	--	1.000	Assumed	--
Hexachlorocyclopentadiene	1.000	Assumed	--	1.000	Assumed	--
Hexachloroethane	1.000	Assumed	--	1.000	Assumed	--
Indeno(1,2,3-cd)pyrene	0.410	Median	Beyer and Stafford 1993	0.410	Median	Beyer and Stafford 1993
Pentachlorobenzene	1.060	Mean	Beyer 1996	1.060	Mean	Beyer 1996
Pentachloronitrobenzene	1.000	Assumed	--	1.000	Assumed	--
Pentachlorophenol	14.63	Median	USEPA 2007g (Table 4c)	14.63	Median	USEPA 2007g (Table 4c)
Phenanthrene	0.280	Median	Beyer and Stafford 1993	0.280	Median	Beyer and Stafford 1993
Pyrene	0.390	Median	Beyer and Stafford 1993	0.390	Median	Beyer and Stafford 1993

TABLE 8

Soil Bioaccumulation Factors For Small Mammals (Dry Weight) - Omnivores

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Screening (Step 2)			Baseline (Step 3A)		
	Value	Basis	Reference	Value	Basis	Reference
Metals						
Antimony[1]	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Arsenic	--	See Table D-6	--	--	See Table D-6	--
Barium[1]	0.069	90th percentile	Sample et al. 1998b (Table 7)	0.046	Median	Sample et al. 1998b (Table 7)
Beryllium[1]	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Cadmium	--	See Table D-6	--	--	See Table D-6	--
Chromium	--	See Table D-6	--	--	See Table D-6	--
Cobalt	--	See Table D-6	--	--	See Table D-6	--
Copper	--	See Table D-6	--	--	See Table D-6	--
Lead	--	See Table D-6	--	--	See Table D-6	--
Mercury	0.130	90th percentile	Sample et al. 1998b (Table 7)	0.054	Median	Sample et al. 1998b (Table 7)
Nickel	--	See Table D-6	--	--	See Table D-6	--
Selenium	--	See Table D-6	--	--	See Table D-6	--
Silver	0.810	90th percentile	Sample et al. 1998b (Table C.1)	0.151	Median	Sample et al. 1998b (Table C.1)
Vanadium	0.013	90th percentile	Sample et al. 1998b (Table C.1)	0.010	Median	Sample et al. 1998b (Table C.1)
Zinc	--	See Table D-6	--	--	See Table D-6	--
Pesticides						
Disulfoton	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Polychlorinated Biphenyls						
Aroclor-1016	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Aroclor-1221	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Aroclor-1232	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Aroclor-1242	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Aroclor-1248	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Aroclor-1254	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Aroclor-1260	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Volatile and Semivolatile Organic Compounds						
1,1,1,2-Tetrachloroethane	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
1,1,2,2-Tetrachloroethane	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
1,2,4,5-Tetrachlorobenzene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
1,2,4-Trichlorobenzene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
1,2-Dichlorobenzene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3

TABLE 8

Soil Bioaccumulation Factors For Small Mammals (Dry Weight) - Omnivores

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Screening (Step 2)			Baseline (Step 3A)		
	Value	Basis	Reference	Value	Basis	Reference
1,3-Dichlorobenzene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
1,4-Dichlorobenzene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
4-Bromophenyl-phenylether	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
4-Chlorophenyl-phenylether	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Acenaphthene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Acenaphthylene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Anthracene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Benzo(a)anthracene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Benzo(a)pyrene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Benzo(b)fluoranthene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Benzo(g,h,i)perylene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Benzo(k)fluoranthene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Chrysene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Dibenz(a,h)anthracene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Fluoranthene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Fluorene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Hexachlorobenzene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Hexachlorobutadiene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Hexachlorocyclopentadiene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Hexachloroethane	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Indeno(1,2,3-cd)pyrene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Pentachlorobenzene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Pentachloronitrobenzene	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Pentachlorophenol	NA	--	See Section D.3.2.3	NA	--	See Section D.3.2.3
Phenanthrene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)
Pyrene	0.0	Assumed	USEPA 2007g (Table 4b)	0.0	Assumed	USEPA 2007g (Table 4b)

NA - Not Available

[1] Eco-SSL equations were not used for these chemicals because they were based on diet-to-biota factors for cattle. Instead, the process discussed in Section D.3.2.3 was used.

TABLE 9

Exposure Parameters for Upper Trophic Level Ecological Receptors - Screening

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Receptor	Minimum Body Weight (kg)		Maximum Body Weight (kg)		Water Ingestion Rate (L/day)		Food Ingestion Rate (kg/day - dry)	
	Value	Reference	Value	Reference	Value	Reference	Value	Reference
Birds								
Pearly-eyed thrasher	0.080	Dunning 2008 (minimum for male/female - Puerto Rico)	0.138	Dunning 2008 (maximum for male/female - Puerto Rico)	0.0157	allometric equation (USEPA 1993)[1]	0.0174	allometric equation (Nagy 2001)[3]
Red-tailed hawk	0.957	USEPA 1993 (lowest of 6 adult values [3 male/3 female])	1.235	USEPA 1993 (highest of 6 adult values [3 male/3 female])	0.0680	allometric equation (USEPA 1993)[1]	0.0395	Sample and Suter 1994
Common ground dove	0.0224	Dunning 2008 (minimum - Puerto Rico [gender not reported])	0.0412	Dunning 2008 (maximum - Puerto Rico [gender not reported])	0.0070	allometric equation (USEPA 1993)[1]	0.0081	allometric equation (Nagy 2001)[4]
Mammals								
Norway rat	0.168	Silva and Downing 1995 (minimum for male/female - Arkansas)	0.485	Silva and Downing 1995 (maximum for male/female - Arkansas)	0.0516	allometric equation (USEPA 1993)[2]	0.0398	allometric equation (Nagy 2001)[5]
Indian mongoose	0.312	Silva and Downing 1995 (minimum for male/female - Puerto Rico)	0.936	Silva and Downing 1995 (maximum for male/female - Puerto Rico)	0.0933	allometric equation (USEPA 1993)[2]	0.0460	allometric equation (Nagy 2001)[6]

[1] All birds equation: $0.059\ (BW)^{0.67}$ (maximum body weight used)

[2] All mammals equation: $0.099\ (BW)^{0.90}$ (maximum body weight used)

[3] Insectivorous birds equation: $(0.54*((BW*1000)^{0.705}))/1000$ (maximum body weight used)

[4] All birds equation: $(0.638*((BW*1000)^{0.685)})/1000$ (maximum body weight used)

[5] Rodent equation used: $(0.332*((BW*1000)^{0.774}))/1000$ (maximum body weight used)

[6] Carnivore equation used: $(0.153*((BW*1000)^{0.834)})/1000$ (maximum body weight used)

TABLE 9

Exposure Parameters for Upper Trophic Level Ecological Receptors - Screening

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Receptor	Dietary Composition (percent)							Soil/Sediment Ingestion (percent)	
	Terrestrial Plants	Soil Invertebrates	Small Mammals	Fish	Aquatic Plants	Benthic Invertebrates	Reference	Value	Reference
Birds									
Pearly-eyed thrasher	0	95.4	0	0	0	0	Exclusive diet	4.6	Sample and Suter 1994 (value is for American robin)
Red-tailed hawk	0	0	100	0	0	0	USEPA 1993; Sample and Suter 1994	0	Sample and Suter 1994
Common ground dove	95.0	0	0	0	0	0	Martin et al. 1951	5.0	Assumed based upon diet
Mammals									
Norway rat	98.0	0	0	0	0	0	Exclusive diet	2.0	Beyer et al. 1994 (value is for deer mouse)
Indian Mongoose	0	97.2	0	0	0	0	Exclusive diet	2.8	Beyer et al. 1994 (value is for red fox)

TABLE 10

Exposure Parameters for Upper Trophic Level Ecological Receptors - Baseline

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Receptor	Body Weight (kg)		Water Ingestion Rate (L/day)		Food Ingestion Rate (kg/day - dry)		Home Range (ha)	
	Value	Reference	Value	Reference	Value	Reference	Value	Reference
Birds								
Pearly-eyed thrasher	0.104	Dunning 2008 (mean for male/female - Puerto Rico)	0.0129	allometric equation (USEPA 1993)[1]	0.0123	allometric equation (Nagy 2001)[3]	No data	--
Red-tailed hawk	1.134	USEPA 1993 (mean of 6 adult values [3 male/3 female])	0.0642	allometric equation (USEPA 1993)[1]	0.0363	Sample and Suter 1994	859	USEPA 1993 (mean for male/female adults)
Common ground dove	0.0320	Dunning 2008 (mean - Puerto Rico [gender not reported])	0.0059	allometric equation (USEPA 1993)[1]	0.0069	allometric equation (Nagy 2001)[4]	No data	--
Mammals								
Norway rat	0.209	Silva and Downing 1995 (mean for male/female - Arkansas)	0.0242	allometric equation (USEPA 1993)[2]	0.0207	allometric equation (Nagy 2001)[5]	0.24	Stroud 1982
Indian mongoose	0.528	Silva and Downing 1995 (mean for male/female - Puerto Rico)	0.0557	allometric equation (USEPA 1993)[2]	0.0285	allometric equation (Nagy 2001)[6]	3.20	Nellis 1989

[1] All birds equation: $0.059\ (BW)^{0.67}$

[2] All mammals equation: $0.099\ (BW)^{0.90}$

[3] Omnivorous birds equation: $(0.67*((BW*1000)^{0.627}))/1000$

[4] All birds equation: $(0.638*((BW*1000)^{0.685)})/1000$

[5] Rodent equation used: $(0.332*((BW*1000)^{0.774}))/1000$

[6] Carnivore equation used: $(0.153*((BW*1000)^{0.834)})/1000$

TABLE 10

Exposure Parameters for Upper Trophic Level Ecological Receptors - Baseline

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Receptor	Dietary Composition (percent)							Soil/Sediment Ingestion (percent)	
	Terrestrial Plants	Soil Invertebrates	Small Mammals	Fish	Aquatic Plants	Benthic Invertebrates	Reference	Value	Reference
Birds									
Pearly-eyed thrasher	20.0	75.4	0	0	0	0	Oberle 2000 (estimated based on description of diet)	4.6	Sample and Suter 1994 (value is for American robin)
Red-tailed hawk	0	0	100	0	0	0	USEPA 1993; Sample and Suter 1994	0	Sample and Suter 1994
Common ground dove	95.0	0	0	0	0	0	Martin et al. 1951	5.0	Assumed based upon diet
Mammals									
Norway rat	49.0	49.0	0	0	0	0	Linzey 1998 (estimated based on description of diet)	2.0	Beyer et al. 1994 (value is for deer mouse)
Indian mongoose	11.1	56.4	29.7	0	0	0	Nellis 1989	2.8	Beyer et al. 1994 (value is for red fox)

TABLE 11

Uncertainty Factors

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Convert From	Convert To	Uncertainty Factor
Chronic NOAEL or NOEC	Chronic NOAEL or NOEC	1
Chronic LOAEL or LOEC	Chronic NOAEL or NOEC	5
Chronic NOAEL or NOEC	Chronic LOAEL or LOEC	5
Subchronic NOAEL or NOEC	Chronic NOAEL or NOEC	10
Subchronic LOAEL or LOEC	Chronic NOAEL or NOEC	20
Acute NOAEL or NOEC	Chronic NOAEL or NOEC	30
Acute LOAEL or LOEC	Chronic NOAEL or NOEC	50
LD50 or LC50	Chronic NOAEL or NOEC	100

Uncertainty factors from Wentsel et al. (1996)

Durations are defined as follows (USEPA 1999; Sample et al. 1996):

- Acute: <3 days (plants, invertebrates) and <14 days (fish, birds, mammals)
- Subchronic: 3 - 6 days (plants, invertebrates) and 14 - 90 days (fish, birds, mammals)
- Chronic: >7 days (plants, invertebrates) and >90 days or during critical life stage (fish, birds, mammals)

TABLE 12

Soil Ecological Screening Values (ESVs) for Plants and Soil Invertebrates

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	ESV	Units	Type/Receptor	Reference	Comments
Inorganics					
Antimony	78.0	mg/kg	Eco-SSL - Invertebrate	USEPA 2005a	
Arsenic	18.0	mg/kg	Eco-SSL - Plant	USEPA 2005b	
Barium	330	mg/kg	Eco-SSL - Invertebrate	USEPA 2005c	
Beryllium	40.0	mg/kg	Eco-SSL - Invertebrate	USEPA 2005d	
Cadmium	32.0	mg/kg	Eco-SSL - Plant	USEPA 2005e	
Chromium	64.0	mg/kg	Soil Quality Guideline	CCME 2007	
Cobalt	13.0	mg/kg	Eco-SSL - Plant	USEPA 2005f	
Copper	70.0	mg/kg	Eco-SSL - Plant	USEPA 2007a	
Lead	120	mg/kg	Eco-SSL - Plant	USEPA 2005g	
Mercury	0.10	mg/kg	Invertebrate	Efroymson et al. 1997b	
Nickel	38.0	mg/kg	Eco-SSL - Plant	USEPA 2007b	
Selenium	0.52	mg/kg	Eco-SSL - Plant	USEPA 2007c	
Silver	560	mg/kg	Eco-SSL - Plant	USEPA 2006a	
Thallium	1.00	mg/kg	Plant	Efroymson et al. 1997a	
Tin	50.0	mg/kg	Plant	Efroymson et al. 1997a	NOEC
Vanadium	130	mg/kg	Soil Quality Guideline	CCME 2007	
Zinc	120	mg/kg	Eco-SSL - Invertebrate	USEPA 2007d	
Pesticides					
Disulfoton	--	--	--	--	
Methyl parathion	2,000	ug/kg	Invertebrate	Parathion value	
Parathion	2,000	ug/kg	Invertebrate	Van Gestel et al. 1992	LOEC of 10,000; UF of 5
Sulfotepp	--	--	--	--	
Thionazin	--	--	--	--	
Herbicides					
Diallate	--	--	--	--	
Dinoseb	--	--	--	--	
Polychlorinated Biphenyls					
Aroclor-1016	2,510	ug/kg	Invertebrate	USEPA 1999	LC50 (251,000); UF of 100
Aroclor-1221	2,510	ug/kg	Invertebrate	USEPA 1999	LC50 (251,000); UF of 100
Aroclor-1232	2,510	ug/kg	Invertebrate	USEPA 1999	LC50 (251,000); UF of 100

TABLE 12

Soil Ecological Screening Values (ESVs) for Plants and Soil Invertebrates

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	ESV	Units	Type/Receptor	Reference	Comments
Aroclor-1242	2,510	ug/kg	Invertebrate	USEPA 1999	LC50 (251,000); UF of 100
Aroclor-1248	2,510	ug/kg	Invertebrate	USEPA 1999	LC50 (251,000); UF of 100
Aroclor-1254	2,510	ug/kg	Invertebrate	USEPA 1999	LC50 (251,000); UF of 100
Aroclor-1260	2,510	ug/kg	Invertebrate	USEPA 1999	LC50 (251,000); UF of 100
Semivolatile Organic Compounds					
1,1-Biphenyl	13,600	ug/kg	Plant	Efroymson et al. 1997a	EC50 (68,000); UF of 5
1,2,4,5-Tetrachlorobenzene	260	ug/kg	Plant	Hulzebos et al. 1993	Lowest EC50 (1,300); UF of 5
1,3,5-Trinitrobenzene	--	--	--	--	
1,3-Dinitrobenzene	--	--	--	--	
1,4-Dioxane	--	--	--	--	
1,4-Naphthoquinone	--	--	--	--	
2,2'-Oxybis(1-chloropropane)	--	--	--	--	
2,3,4,6-Tetrachlorophenol	500	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
2,4,5-Trichlorophenol	1,350	ug/kg	Plant	Efroymson et al. 1997a	NOEC
2,4,6-Trichlorophenol	580	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 58,000; UF of 100
2,4-Dichlorophenol	500	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
2,4-Dimethylphenol	1,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
2,4-Dinitrophenol	20,000	ug/kg	Plant	Efroymson et al. 1997a	NOEC
2,4-Dinitrotoluene	11,000	ug/kg	Plant/Invertebrate	NRCC 2006	
2,6-Dichlorophenol	500	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
2,6-Dinitrotoluene	8,500	ug/kg	Plant/Invertebrate	NRCC 2006	
2-Acetylaminofluorene	--	--	--	--	
2-Chloronaphthalene	LMW PAH	--	--	--	

TABLE 12

Soil Ecological Screening Values (ESVs) for Plants and Soil Invertebrates

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	ESV	Units	Type/Receptor	Reference	Comments
2-Chlorophenol	500	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
2-Methyl-5-nitroaniline	--	--	--	--	
2-Methylaniline	--	--	--	--	
2-Methylnaphthalene	LMW PAH	--	--	--	
2-Methylphenol	1,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
2-Naphthylamine	--	--	--	--	
2-Nitroaniline	--	--	--	--	
2-Nitrophenol	1,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
2-Picoline	--	--	--	--	
3- and 4-Methylphenol	1,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
3,3'-Dichlorobenzidine	--	--	--	--	
3,3'-Dimethylbenzidine	--	--	--	--	
3-Methylcholanthrene	--	--	--	--	
3-Nitroaniline	--	--	--	--	
4,6-Dinitro-2-methylphenol	1,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
4-Aminobiphenyl	--	--	--	--	
4-Bromophenyl-phenylether	--	--	--	--	
4-Chloro-3-methylphenol	500	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
4-Chloroaniline	500	ug/kg	--	MHSPE 2000	Geometric mean of target and intervention values

TABLE 12

Soil Ecological Screening Values (ESVs) for Plants and Soil Invertebrates

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	ESV	Units	Type/Receptor	Reference	Comments
4-Chlorophenyl-phenylether	--	--	--	--	
4-Nitroaniline	--	--	--	--	
4-Nitrophenol	380	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 38,000; UF of 100
4-Nitroquinoline-1-oxide	--	--	--	--	
7,12-Dimethylbenz(a)anthracene	--	--	--	--	
a,a-Dimethylphenethylamine	--	--	--	--	
Acenaphthene	LMW PAH	--	--	--	
Acenaphthylene	LMW PAH	--	--	--	
Acetophenone	--	--	--	--	
Aniline	6,400	ug/kg	Plant	Hulzebos et al. 1993	Lowest EC50 (32,000); UF of 5
Anthracene	LMW PAH	--	--	--	
Aramite	--	--	--	--	
Benzo(a)anthracene	HMW PAH	--	--	--	
Benzo(a)pyrene	HMW PAH	--	--	--	
Benzo(b)fluoranthene	HMW PAH	--	--	--	
Benzo(g,h,i)perylene	HMW PAH	--	--	--	
Benzo(k)fluoranthene	HMW PAH	--	--	--	
Benzyl alcohol	--	--	--	--	
bis(2-Chloroethoxy)methane	--	--	--	--	
bis(2-Chloroethyl)ether	--	--	--	--	
bis(2-Ethylhexyl)phthalate	30,000	ug/kg	Plant	CCME 2007	Interim Remediation Criteria (IRC) for residential/parkland
Butylbenzylphthalate	30,000	ug/kg	Plant	CCME 2007	Interim Remediation Criteria (IRC) for residential/parkland
Chrysene	HMW PAH	--	--	--	
Dibenz(a,h)anthracene	HMW PAH	--	--	--	
Dibenzofuran	4,600	ug/kg	Invertebrate	Sverdrup 2001; 2002	EC50 of 23,000; UF of 5
Dimethoate	--	--	--	--	
Diethylphthalate	26,800	ug/kg	Plant	Efroymson et al. 1997a	EC50 (134,000); UF of 5
Dimethyl phthalate	10,640	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 1,064,000; UF of 100
Di-n-butylphthalate	40,000	ug/kg	Plant	Efroymson et al. 1997a	LOEC (200,000); UF of 5

TABLE 12

Soil Ecological Screening Values (ESVs) for Plants and Soil Invertebrates

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	ESV	Units	Type/Receptor	Reference	Comments
Di-n-octylphthalate	30,000	ug/kg	Plant	CCME 2007	Interim Remediation Criteria (IRC) for residential/parkland
Ethyl methanesulfonate	--	--	--	--	
Famphur	--	--	--	--	
Fluoranthene	LMW PAH	--	--	--	
Fluorene	LMW PAH	--	--	--	
Hexachlorobenzene	1,000	ug/kg	--	Beyer 1990	B value ("moderate soil contamination")
Hexachlorobutadiene	--	--	--	--	
Hexachlorocyclopentadiene	2,000	ug/kg	Plant	Efroymson et al. 1997a	LOEC (10,000); UF of 5
Hexachloroethane	--	--	--	--	
Hexachlorophene	--	--	--	--	
Hexachloropropene	--	--	--	--	
Indeno(1,2,3-cd)pyrene	HMW PAH	--	--	--	
Isophorone	--	--	--	--	
Isosafrole	--	--	--	--	
Methapyrilene	--	--	--	--	
Methyl methanesulfonate	--	--	--	--	
Naphthalene	LMW PAH	--	--	--	
n-Nitrosodiethylamine	--	--	--	--	
n-Nitrosodimethylamine	--	--	--	--	
n-Nitroso-di-n-butylamine	--	--	--	--	
n-Nitroso-di-n-propylamine	--	--	--	--	
n-Nitrosodiphenylamine	1,090	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 109,000; UF of 100
N-Nitrosomorpholine	--	--	--	--	
n-Nitroso-n-methylethylamine	--	--	--	--	
N-Nitrosopiperidine	--	--	--	--	
n-Nitrosopyrrolidine	--	--	--	--	
Nitrobenzene	2,260	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 226,000; UF of 100
O,O,O-Triethyl phosphorothioate	--	--	--	--	
p-Dimethylaminoazobenzene	--	--	--	--	
PAH (HMW)	18,000	ug/kg	Eco-SSL - Invertebrate	USEPA 2007e	

TABLE 12

Soil Ecological Screening Values (ESVs) for Plants and Soil Invertebrates

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	ESV	Units	Type/Receptor	Reference	Comments
PAH (LMW)	29,000	ug/kg	Eco-SSL - Invertebrate	USEPA 2007e	
Pentachlorobenzene	1,150	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 115,000; UF of 100
Pentachloronitrobenzene	--	--	--	--	
Pentachlorophenol	5,000	ug/kg	Eco-SSL - Plant	USEPA 2007f	
Phenacetin	--	--	--	--	
Phenanthrene	LMW PAH	--	--	--	
Phenol	1,880	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 188,000; UF of 100
Phorate	--	--	--	--	
p-Phenylenediamine	--	--	--	--	
Pronamide	13.6	ug/kg	Plant	USEPA 2003	
Pyrene	HMW PAH	--	--	--	
Pyridine	2,240	ug/kg	--	MHSPE 2000; 2001	Geometric mean of target and SRC values
Safrole	--	--	--	--	
Total Petroleum Hydrocarbons					
TPH-diesel range	1,300,000	ug/kg	Plant/Invertebrate	CCME 2008	F3 fraction (parkland)
TPH-gas range	210,000	ug/kg	Plant/Invertebrate	CCME 2008	F1 fraction (parkland)
Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	5,000	ug/kg	--	1,1,2,2-Tetrachloroethane value	
1,1,1-Trichloroethane	1,025	ug/kg	--	MHSPE 2000	Geometric mean of target and intervention values
1,1,2,2-Tetrachloroethane	5,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
1,1,2-Trichloroethane	2,000	ug/kg	--	MHSPE 2000	Geometric mean of target and intervention values
1,1-Dichloroethane	548	ug/kg	--	MHSPE 2000	Geometric mean of target and intervention values
1,1-Dichloroethene	173	ug/kg	--	MHSPE 2000	Geometric mean of target and intervention values
1,2,3-Trichlorobenzene	1,150	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 115,000; UF of 100
1,2,4-Trichlorobenzene	1,270	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 127,000; UF of 100
1,2-Dibromo-3-chloropropane	--	--	--	--	
1,2-Dibromoethane	300	ug/kg	Plant	CCME 2007	Interim Remediation Criteria (IRC) for residential/parkland

TABLE 12

Soil Ecological Screening Values (ESVs) for Plants and Soil Invertebrates

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	ESV	Units	Type/Receptor	Reference	Comments
1,2-Dichlorobenzene	1,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
1,2-Dichloroethane	2,190	ug/kg	--	MHSPE 2000; 2001	Geometric mean of target and SRC values
1,2-Dichloropropane	38,800	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 3,880,000; UF of 100
1,3-Dichlorobenzene	1,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
1,4-Dichlorobenzene	1,280	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 128,000; UF of 100
2-Butanone	--	--	--	--	
2-Chloro-1,3-butadiene	--	--	--	--	
2-Hexanone	--	--	--	--	
4-Methyl-2-pentanone	--	--	--	--	
Acetone	--	--	--	--	
Acetonitrile	--	--	--	--	
Acrolein	--	--	--	--	
Acrylonitrile	200,000	ug/kg	Soil Microorganisms	Efroymson et al. 1997b	LOEC of 1,000,000; UF of 5
Allyl chloride	--	--	--	--	
Benzene	6.80	ug/kg	Soil Quality Guideline	CCME 2007	
Bromodichloromethane	--	--	--	--	
Bromoform	300	ug/kg	Plant	CCME 2007	Interim Remediation Criteria (IRC) for residential/parkland
Bromomethane	--	--	--	--	
Carbon disulfide	--	--	--	--	
Carbon tetrachloride	3,400	ug/kg	--	MHSPE 2000; 2001	Geometric mean of target and SRC values
Chlorobenzene	2,400	ug/kg	Invertebrate	Efroymson et al. 1997b	LC50 of 240,000; UF of 100
Chloroethane	5,000	ug/kg	--	CCME 2007	Interim Remediation Criteria (IRC) for residential/parkland
Chloroform	1,844	ug/kg	--	MHSPE 2000; 2001	Geometric mean of target and SRC values
Chloromethane	5,000	ug/kg	--	CCME 2007	Interim Remediation Criteria (IRC) for residential/parkland

TABLE 12

Soil Ecological Screening Values (ESVs) for Plants and Soil Invertebrates

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	ESV	Units	Type/Receptor	Reference	Comments
cis-1,3-Dichloropropene	5,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
Dibromochloromethane	--	--	--	--	
Dibromomethane	--	--	--	--	
Dichlorodifluoromethane(Freon-12)	--	--	--	--	
Ethyl methacrylate	--	--	--	--	
Ethylbenzene	18.0	ug/kg	Soil Quality Guideline	CCME 2007	
Iodomethane	--	--	--	--	
Isobutanol	--	--	--	--	
Methacrylonitrile	--	--	--	--	
Methyl methacrylate	--	--	--	--	
Methylene chloride	1,250	ug/kg	--	MHSPE 2000; 2001	Geometric mean of target and SRC values
Propionitrile	--	--	--	--	
Styrene	64,000	ug/kg	Plant	Efroymson et al. 1997a	EC50 (320,000); UF of 5
Tetrachloroethene	200	ug/kg	Soil Quality Guideline	CCME 2007	
Toluene	40,000	ug/kg	Plant	Efroymson et al. 1997a	EC50 (200,000); UF of 5
trans-1,2-Dichloroethene	447	ug/kg	--	MHSPE 2000	Geometric mean of target and intervention values
trans-1,3-Dichloropropene	5,000	ug/kg	--	CCME 2007; Beyer 1990	Interim Remediation Criteria (IRC) for residential/parkland; B value ("moderate soil contamination")
trans-1,4-Dichloro-2-butene	200,000	ug/kg	Soil Microorganisms	Efroymson et al. 1997b	LOEC of 1,000,000; UF of 5
Trichloroethene	10.0	ug/kg	Soil Quality Guideline	CCME 2007	
Trichlorofluoromethane(Freon-11)	--	--	--	--	
Vinyl acetate	--	--	--	--	
Vinyl chloride	412	ug/kg	--	MHSPE 2000; 2001	Geometric mean of target and SRC values
Xylene, total	2,400	ug/kg	Soil Quality Guideline	CCME 2007	

TABLE 13

Secondary Soil Ecological Screening Values (ESVs)

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	ESV	Units	Type/Receptor	Reference	Comments
Semivolatile Organic Compounds					
Benzyl alcohol	65,800	ug/kg	Masked shrew	USEPA 2003	Region 5 value
Volatile Organic Compounds					
2-Hexanone	12,600	ug/kg	Masked shrew	USEPA 2003	Region 5 value
Acetone	2,500	ug/kg	Meadow vole	USEPA 2003	Region 5 value
Carbon disulfide	94.1	ug/kg	Masked shrew	USEPA 2003	Region 5 value
Iodomethane	1,230	ug/kg	Masked shrew	USEPA 2003	Region 5 value

TABLE 14

Eco-SSL Values for Birds and Mammals

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Bird	Mammal	Units	Reference
Metals				
Antimony	--	0.27	mg/kg	USEPA 2005a
Arsenic	43.0	46.0	mg/kg	USEPA 2005b
Barium	--	2,000	mg/kg	USEPA 2005c
Beryllium	--	21.0	mg/kg	USEPA 2005d
Cadmium	0.77	0.36	mg/kg	USEPA 2005e
Chromium	26.0	34.0	mg/kg	USEPA 2008
Cobalt	120	230	mg/kg	USEPA 2005f
Copper	28.0	49.0	mg/kg	USEPA 2007a
Lead	11.0	56.0	mg/kg	USEPA 2005g
Nickel	210	130	mg/kg	USEPA 2007b
Selenium	1.20	0.63	mg/kg	USEPA 2007c
Silver	4.20	14.0	mg/kg	USEPA 2006
Vanadium	7.80	280	mg/kg	USEPA 2005h
Zinc	46.0	79.0	mg/kg	USEPA 2007d
Organics				
Pentachlorophenol	2.10	2.80	mg/kg	USEPA 2007f
PAHs - LMW	--	100	mg/kg	USEPA 2007e
PAHs - HMW	--	1.10	mg/kg	USEPA 2007e

TABLE 15

Ingestion-Based Toxicity Reference Values (TRVs) for Mammals

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Chemical Form	Test Organism	Body Weight (kg)	Duration	Exposure Route	Effect/Endpoint	LOAEL (mg/kg/d)	Reference	NOAEL (mg/kg/d)	Reference	MATC (mg/kg/d)	Norway Rat	Indian Mongoose
Metals													
Antimony	--	rat	--	31 days	oral in water	survival, growth, reproduction	0.590	USEPA 2005a	0.059	USEPA 2005a	0.187	X	X
Arsenic	Arsenite (As+3)	mouse	0.03	3 generations	oral in water/food	reproduction	1.26	Sample et al. 1996	0.25 a	--	0.56	X	
	--	dog	--	8 weeks	oral in diet	survival, growth, reproduction	1.66	USEPA 2005b	1.04	USEPA 2005b	1.31		X
Barium	--	multiple	--	--	oral	survival, growth, reproduction	259 b	--	51.8	USEPA 2005c	116	X	X
Beryllium	--	rat	--	4 years	oral in water	survival, growth, reproduction	2.66 b	--	0.53	USEPA 2005d	1.19	X	X
Cadmium	--	rat	--	2 weeks	oral in water	survival, growth, reproduction	7.70	USEPA 2005e	0.77	USEPA 2005e	2.43	X	X
Chromium	Cr+3	multiple	--	--	oral	survival, growth, reproduction	12.0 b	--	2.40	USEPA 2008	5.37	X	X
	Cr+6	multiple	--	--	oral	survival, growth, reproduction	46.2 b	--	9.24	USEPA 2008	20.7	X	X
Cobalt	--	multiple	--	--	oral	survival, growth, reproduction	36.7 b	--	7.33	USEPA 2005f	16.4	X	X
Copper	--	pig	--	4 weeks	oral in diet	survival, growth, reproduction	9.34	USEPA 2007a	5.60	USEPA 2007a	7.23	X	
	Copper sulfate	mink	1.00	357 days	oral in diet	reproduction	15.1	Sample et al. 1996	11.7	Sample et al. 1996	13.3		X
Lead	--	rat	--	7 weeks	oral in water	survival, growth, reproduction	8.90	USEPA 2005g	4.70	USEPA 2005g	6.47	X	X
Mercury	Methyl mercury chloride	rat	0.35	3 generations	oral in diet	reproduction	0.160	Sample et al. 1996	0.032	Sample et al. 1996	0.072	X	
	Methyl mercury chloride	mink	1.00	93 days	oral in diet	survival/weight loss	0.25 c	Sample et al. 1996	0.15 c	Sample et al. 1996	0.19		X
Nickel	--	mouse	--	35 days	oral	survival, growth, reproduction	3.40	USEPA 2007b	1.70	USEPA 2007b	2.40	X	X
Selenium	Potassium selenate	rat	0.35	1 year	oral in water	reproduction	0.33	Sample et al. 1996	0.20	Sample et al. 1996	0.26	X	X
Silver	--	pig	--	40 days	oral in diet	survival, growth, reproduction	60.2	USEPA 2006	12.0 a	--	26.9	X	X
Vanadium	--	mouse	--	12 days	oral (gavage)	survival, growth, reproduction	8.31	USEPA 2005h	4.16	USEPA 2005h	5.88	X	X
Zinc	--	multiple	--	--	oral	survival, growth, reproduction	377 b	--	75.4	USEPA 2007d	169	X	X
Pesticides													
Disulfoton	--	rat	0.35	2 generations	oral in diet	developmental/reproduction	0.030	ATSDR 1995	0.009	ATSDR 1995	0.016	X	X
Polychlorinated Biphenyls													
Aroclor-1016	--	oldfield mouse	0.014	12 months	oral in diet	reproduction	0.680	Aroclor-1254 value	0.136 a	Aroclor-1254 value	0.304	X	
Aroclor-1016	--	mink	1.00	18 months	oral in diet	reproduction	3.43	Sample et al. 1996	1.37	Sample et al. 1996	2.17		X
Aroclor-1221	--	oldfield mouse	0.014	12 months	oral in diet	reproduction	0.680	Aroclor-1254 value	0.136 a	Aroclor-1254 value	0.304	X	
Aroclor-1221	--	mink	1.00	7 months	oral in diet	reproduction	0.690	Aroclor-1242 value	0.138 a	Aroclor-1242 value	0.309		X
Aroclor-1232	--	oldfield mouse	0.014	12 months	oral in diet	reproduction	0.680	Aroclor-1254 value	0.136 a	Aroclor-1254 value	0.304	X	
Aroclor-1232	--	mink	1.00	7 months	oral in diet	reproduction	0.690	Aroclor-1242 value	0.138 a	Aroclor-1242 value	0.309		X
Aroclor-1242	--	oldfield mouse	0.014	12 months	oral in diet	reproduction	0.680	Aroclor-1254 value	0.136 a	Aroclor-1254 value	0.304	X	
Aroclor-1242	--	mink	1.00	7 months	oral in diet	reproduction	0.690	Sample et al. 1996	0.138 a	--	0.309		X
Aroclor-1248	--	oldfield mouse	0.014	12 months	oral in diet	reproduction	0.680	Aroclor-1254 value	0.136 a	Aroclor-1254 value	0.304	X	
Aroclor-1248	--	mink	1.00	4.5 months	oral in diet	reproduction	0.690	Aroclor-1254 value	0.140	Aroclor-1254 value	0.311		X
Aroclor-1254	--	oldfield mouse	0.014	12 months	oral in diet	reproduction	0.680	Sample et al. 1996	0.136 a	--	0.304	X	
Aroclor-1254	--	mink	1.00	4.5 months	oral in diet	reproduction	0.690	Sample et al. 1996	0.140	Sample et al. 1996	0.311		X
Aroclor-1260	--	oldfield mouse	0.014	12 months	oral in diet	reproduction	0.680	Aroclor-1254 value	0.136 a	Aroclor-1254 value	0.304	X	
Aroclor-1260	--	mink	1.00	4.5 months	oral in diet	reproduction	0.690	Aroclor-1254 value	0.140	Aroclor-1254 value	0.311		X
Volatile and Semivolatile Organic Compounds													
1,1,1,2-Tetrachloroethane	--	rat	0.35	78 weeks	oral (gavage)	reproduction	380 b	--	76.0	1,1,2,2-Tetrachloroethane	170	X	X
1,1,2,2-Tetrachloroethane	--	rat	0.35	78 weeks	oral (gavage)	reproduction	380 b	--	76.0	ATSDR 2008	170	X	X
1,2,4,5-Tetrachlorobenzene	--	--	--	--	--	--	NA	--	NA	--	NA	X	X
1,2,4-Trichlorobenzene	--	rat	0.35	3 generations	oral in water	reproduction	106	Coulston and Kolbye 1994	53.0	Coulston and Kolbye 1994	75.0	X	X
1,2-Dichlorobenzene	--	rat	0.35	chronic	oral	liver/kidney	429 b	--	85.7	Coulston and Kolbye 1994	192	X	X
1,3-Dichlorobenzene	--	rat	0.35	chronic	oral	liver/kidney	429 b	--	85.7	Value for 1,2-Dichlorobenzene	192	X	X
1,4-Dichlorobenzene	--	rat	0.35	2 generations	oral (gavage)	developmental	90.0	ATSDR 2006	30.0	ATSDR 2006	52.0	X	X
4-Bromophenyl-phenylether	--	--	--	--	--	--	NA	--	NA	--	NA	X	X
4-Chlorophenyl-phenylether	--	--	--	--	--	--	NA	--	NA	--	NA	X	X

TABLE 15

Ingestion-Based Toxicity Reference Values (TRVs) for Mammals

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Chemical Form	Test Organism	Body Weight (kg)	Duration	Exposure Route	Effect/Endpoint	LOAEL (mg/kg/d)	Reference	NOAEL (mg/kg/d)	Reference	MATC (mg/kg/d)	Norway Rat	Indian Mongoose
Acenaphthene	--	rat	--	6 weeks	oral in diet	survival, growth, reproduction	328	USEPA 2007e	65.6	USEPA 2007e	147	X	X
Acenaphthylene	--	rat	--	6 weeks	oral in diet	survival, growth, reproduction	328	USEPA 2007e	65.6	USEPA 2007e	147	X	X
Anthracene	--	rat	--	6 weeks	oral in diet	survival, growth, reproduction	328	USEPA 2007e	65.6	USEPA 2007e	147	X	X
Benzo(a)anthracene	--	mouse	--	65 weeks	oral in diet	survival, growth, reproduction	3.07	USEPA 2007e	0.62	USEPA 2007e	1.37	X	X
Benzo(a)pyrene	--	mouse	--	65 weeks	oral in diet	survival, growth, reproduction	3.07	USEPA 2007e	0.62	USEPA 2007e	1.37	X	X
Benzo(b)fluoranthene	--	mouse	--	65 weeks	oral in diet	survival, growth, reproduction	3.07	USEPA 2007e	0.62	USEPA 2007e	1.37	X	X
Benzo(g,h,i)perylene	--	mouse	--	65 weeks	oral in diet	survival, growth, reproduction	3.07	USEPA 2007e	0.62	USEPA 2007e	1.37	X	X
Benzo(k)fluoranthene	--	mouse	--	65 weeks	oral in diet	survival, growth, reproduction	3.07	USEPA 2007e	0.62	USEPA 2007e	1.37	X	X
Chrysene	--	mouse	--	65 weeks	oral in diet	survival, growth, reproduction	3.07	USEPA 2007e	0.62	USEPA 2007e	1.37	X	X
Dibenz(a,h)anthracene	--	mouse	--	65 weeks	oral in diet	survival, growth, reproduction	3.07	USEPA 2007e	0.62	USEPA 2007e	1.37	X	X
Fluoranthene	--	rat	--	6 weeks	oral in diet	survival, growth, reproduction	328	USEPA 2007e	65.6	USEPA 2007e	147	X	X
Fluorene	--	rat	--	6 weeks	oral in diet	survival, growth, reproduction	328	USEPA 2007e	65.6	USEPA 2007e	147	X	X
Hexachlorobenzene	--	rat	0.35	4 generations	oral in diet	reproduction	4.00	ATSDR 2002	2.00	ATSDR 2002	2.83	X	X
Hexachlorobutadiene	--	rat	0.35	GD 1-22; LD 1-21	oral in diet	developmental	20.0	ATSDR 1994	2.00	ATSDR 1994	6.32	X	X
Hexachlorocyclopentadiene	--	mouse	0.03	GD 6-15	oral (gavage)	developmental	375 b	--	75.0	ATSDR 1999	168	X	X
Hexachloroethane	--	rat	0.35	GD 6-16	oral (gavage)	reproduction	500	ATSDR 1997	100	ATSDR 1997	224	X	X
Indeno(1,2,3-cd)pyrene	--	mouse	--	65 weeks	oral in diet	survival, growth, reproduction	3.07	USEPA 2007e	0.62	USEPA 2007e	1.37	X	X
Pentachlorobenzene	--	rat	0.35	180 days	oral in diet	reproduction	36.3 b	--	7.25	USEPA 1999	16.2	X	X
Pentachloronitrobenzene	--	mouse	0.03	2 years	oral in diet	reproduction	2,290 b	--	458	USEPA 1999	1,024	X	X
Pentachlorophenol	--	multiple	--	--	oral	survival, growth, reproduction	42.1 b	--	8.42	USEPA 2007f	18.8	X	X
Phenanthrene	--	rat	--	6 weeks	oral in diet	survival, growth, reproduction	328	USEPA 2007e	65.6	USEPA 2007e	147	X	X
Pyrene	--	mouse	--	65 weeks	oral in diet	survival, growth, reproduction	3.07	USEPA 2007e	0.62	USEPA 2007e	1.37	X	X

NA - Not Available

[a] Uncertainty factor of 5 applied to LOAEL

[b] Uncertainty factor of 5 applied to NOAEL

[c] Does not include subchronic uncertainty factor of 10 applied by Sample et al (1996) since the study duration meets the criteria for a chronic study in Table D-11

TABLE 16

Ingestion-Based Toxicity Reference Values (TRVs) for Birds

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Chemical Form	Test Organism	Body Weight (kg)	Duration	Exposure Route	Effect/Endpoint	LOAEL (mg/kg/d)	Reference	NOAEL (mg/kg/d)	Reference	MATC (mg/kg/d)	Pearly-eyed Thrasher	Red-tailed Hawk	Common Ground Dove
Metals														
Antimony	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
Arsenic	--	chicken	--	19 days	oral in diet	survival, growth,reproduction	11.2 b	--	2.24	USEPA 2005b	5.01	X	X	X
Barium	Barium hydroxide	chicken (chicks)	0.121	4 weeks	oral in diet	survival	41.7 c	Sample et al. 1996	20.8 c	Sample et al. 1996	29.5	X	X	X
Beryllium	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
Cadmium	--	multiple	--	--	oral in diet	survival, growth,reproduction	7.35 b	--	1.47	USEPA 2005e	3.29	X	X	X
Chromium	Cr+3	multiple	--	--	oral in diet	survival, growth,reproduction	13.3 b	--	2.66	USEPA 2008	5.95	X	X	X
Cobalt	--	multiple	--	--	oral in diet	survival, growth,reproduction	38.1 b	--	7.61	USEPA 2005f	17.0	X	X	X
Copper	--	chicken	--	84 days	oral in diet	survival, growth,reproduction	12.1	USEPA 2007a	4.05	USEPA 2007a	7.00	X	X	X
Lead	--	chicken	--	4 weeks	oral in diet	survival, growth,reproduction	3.26	USEPA 2005g	1.63	USEPA 2005g	2.31			X
	Metallic	American kestrel	0.13	7 months	oral in diet	reproduction	19.3 b	--	3.85	Sample et al. 1996	8.61	X	X	
Mercury	Mercury chloride	Japanese quail	0.15	1 year	oral in diet	reproduction	0.90	Sample et al. 1996	0.45	Sample et al. 1996	0.64			X
	--	red-tailed hawk	1.10	12 weeks	oral in diet	survival/neurological	1.20	USEPA 1995b	0.49	USEPA 1995b	0.77	X	X	
Nickel	--	multiple	--	--	oral in diet	survival, growth,reproduction	33.6 b	--	6.71	USEPA 2007b	15.0	X	X	X
Selenium	Selanomethionine	screech owl	0.20	13.7 weeks	oral in diet	reproduction	1.50	Sample et al. 1996	0.44	Sample et al. 1996	0.81	X	X	
	--	chicken	--	2 weeks	oral in diet	survival, growth,reproduction	0.58	USEPA 2007c	0.29	USEPA 2007c	0.41			X
Silver	--	turkey	--	5 weeks	oral in diet	survival, growth	20.2	USEPA 2006	4.04 a	--	9.03	X	X	X
Vanadium	--	chicken	--	5 weeks	oral in diet	survival, growth,reproduction	0.688	USEPA 2005h	0.344	USEPA 2005h	0.486	X	X	X
Zinc	--	multiple	--	--	oral in diet	survival, growth,reproduction	331 b	--	66.1	USEPA 2007d	148	X	X	X
Pesticides														
Disulfoton	--	ring-necked pheasant	1.14	5 days	oral in diet	survival	3.90 b	--	0.78 e	Hill et al. 1975	1.74	X	X	X
Polychlorinated Biphenyls														
Aroclor-1016	--	ring-necked pheasant	1.00	17 weeks	oral	reproduction	1.80	Aroclor-1254 value	0.36 a	Aroclor-1254 value	0.80			X
	--	screech owl	0.18	2 generations	oral in diet	reproduction	2.05 b	Aroclor-1242 value	0.41	Aroclor-1242 value	0.92	X	X	
Aroclor-1221	--	ring-necked pheasant	1.00	17 weeks	oral	reproduction	1.80	Aroclor-1254 value	0.36 a	Aroclor-1254 value	0.80			X
	--	screech owl	0.18	2 generations	oral in diet	reproduction	2.05 b	Aroclor-1242 value	0.41	Aroclor-1242 value	0.92	X	X	
Aroclor-1232	--	ring-necked pheasant	1.00	17 weeks	oral	reproduction	1.80	Aroclor-1254 value	0.36 a	Aroclor-1254 value	0.80			X
	--	screech owl	0.18	2 generations	oral in diet	reproduction	2.05 b	Aroclor-1242 value	0.41	Aroclor-1242 value	0.92	X	X	
Aroclor-1242	--	ring-necked pheasant	1.00	17 weeks	oral	reproduction	1.80	Aroclor-1254 value	0.36 a	Aroclor-1254 value	0.80			X
	--	screech owl	0.18	2 generations	oral in diet	reproduction	2.05 b	--	0.41	Sample et al. 1996	0.92	X	X	
Aroclor-1248	--	ring-necked pheasant	1.00	17 weeks	oral	reproduction	1.80	Aroclor-1254 value	0.36 a	Aroclor-1254 value	0.80			X
	--	screech owl	0.18	2 generations	oral in diet	reproduction	2.05 b	Aroclor-1242 value	0.41	Aroclor-1242 value	0.92	X	X	
Aroclor-1254	--	ring-necked pheasant	1.00	17 weeks	oral	reproduction	1.80	Sample et al. 1996	0.36 a	--	0.80			X
	--	screech owl	0.18	2 generations	oral in diet	reproduction	2.05 b	Aroclor-1242 value	0.41	Aroclor-1242 value	0.92	X	X	
Aroclor-1260	--	ring-necked pheasant	1.00	17 weeks	oral	reproduction	1.80	Aroclor-1254 value	0.36 a	Aroclor-1254 value	0.80			X
	--	screech owl	0.18	2 generations	oral in diet	reproduction	2.05 b	Aroclor-1242 value	0.41	Aroclor-1242 value	0.92	X	X	
Volatile and Semivolatile Organic Compounds														
1,1,1,2-Tetrachloroethane	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
1,2,4,5-Tetrachlorobenzene	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
1,2,4-Trichlorobenzene	--	northern bobwhite	0.19	14 days	oral	survival	161 b	1,4-Dichlorobenzene value	32.2 d	1,4-Dichlorobenzene value	71.9	X	X	X
1,2-Dichlorobenzene	--	northern bobwhite	0.19	14 days	oral	survival	161 b	1,4-Dichlorobenzene value	32.2 d	1,4-Dichlorobenzene value	71.9	X	X	X
1,3-Dichlorobenzene	--	northern bobwhite	0.19	14 days	oral	survival	161 b	1,4-Dichlorobenzene value	32.2 d	1,4-Dichlorobenzene value	71.9	X	X	X
1,4-Dichlorobenzene	--	northern bobwhite	0.19	14 days	oral	survival	161 b	--	32.2 d	TERRETOX 2002	71.9	X	X	X
4-Bromophenyl-phenylether	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
4-Chlorophenyl-phenylether	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
Acenaphthene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X

TABLE 16

Ingestion-Based Toxicity Reference Values (TRVs) for Birds

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Chemical Form	Test Organism	Body Weight (kg)	Duration	Exposure Route	Effect/Endpoint	LOAEL (mg/kg/d)	Reference	NOAEL (mg/kg/d)	Reference	MATC (mg/kg/d)	Pearly-eyed Thrasher	Red-tailed Hawk	Common Ground Dove
Acenaphthylene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Anthracene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Benzo(a)anthracene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Benzo(a)pyrene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Rigdon and Neal 1963	15.9	X	X	X
Benzo(b)fluoranthene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Benzo(g,h,i)perylene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Benzo(k)fluoranthene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Chrysene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Dibenz(a,h)anthracene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Fluoranthene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Fluorene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Hexachlorobenzene	--	Japanese quail	0.15	90 days	oral in diet	reproduction	0.57	Coulston and Kolbye 1994; TERRETOX 2002	0.11	Coulston and Kolbye 1994; TERRETOX 2002	0.25	X	X	X
Hexachlorobutadiene	--	Japanese quail	0.15	90 days	oral in diet	reproduction	17.0 b	--	3.39	Coulston and Kolbye 1994; TERRETOX 2002	7.58	X	X	X
Hexachlorocyclopentadiene	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
Hexachloroethane	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
Indeno(1,2,3-cd)pyrene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Pentachlorobenzene	--	--	--	--	--	--	NA	--	NA	--	NA	X	X	X
Pentachloronitrobenzene	--	chicken	1.50	35 weeks	oral in diet	reproduction	70.7	Sample et al. 1996	7.07	Sample et al. 1996	22.4	X	X	X
Pentachlorophenol	--	chicken	--	1 week	oral in diet	survival, growth	67.3	USEPA 2007f	6.73	USEPA 2007f	21.3	X	X	X
Phenanthrene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X
Pyrene	--	chicken	1.50	35 days	oral in diet	reproduction	35.5 b	--	7.10 c	Benzo(a)pyrene value	15.9	X	X	X

NA - Not Available

[a] Uncertainty factor of 5 applied to LOAEL

[b] Uncertainty factor of 5 applied to NOAEL

[c] Subchronic to chronic uncertainty factor of 10 applied

[d] Acute to chronic uncertainty factor of 50 applied

[e] Uncertainty factor of 100 applied to LD50

TABLE 17

Background Data for NAPR Soils

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Surface Soil (mg/kg)		Subsurface Soil (mg/kg) - Fine Sand/Silt	
	Maximum	UTL	Maximum	UTL
Inorganics				
Antimony	2.80	2.70	4.60	5.58
Arsenic	2.50	2.75	3.40	3.59
Barium	284	322	180	241
Beryllium	0.580	0.676	0.87	1.30
Cadmium	0.920	0.765	0.620	0.541
Chromium	47.0	55.0	52.0	55.4
Cobalt	50.2	52.3	73.4	97.4
Copper	180	192	131	141
Cyanide	0.37	--	--	--
Lead	21.0	34.2	7.80	13.2
Mercury	0.120	0.131	0.060	0.050
Nickel	19.0	28.0	26.0	30.5
Selenium	1.20	1.07	1.00	0.961
Silver	--	--	0.10	--
Thallium	0.10	--	--	--
Tin	4.00	4.25	3.40	3.68
Vanadium	230	286	232	296
Zinc	120	132	98.5	131

TABLE 18
Ecological Screening Statistics - SWMU 78 Surface Soil
RCRA Facility Investigation - SWMU 78
Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Sample ID of Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
Volatile Organic Compounds (UG/KG)																		
1,1,1,2-Tetrachloroethane	0.56 - 1.00	0 / 16	--	--	--	0.37	0.051	--	5,000	-- / --	0.0002	NO	--	-- / --	--	--	--	NO
1,1,1-Trichloroethane	0.51 - 0.94	0 / 16	--	--	--	0.33	0.050	--	1,025	-- / --	0.001	NO	--	-- / --	--	--	--	NO
1,1,2,2-Tetrachloroethane	1.20 - 2.30	0 / 16	--	--	--	0.80	0.13	--	5,000	-- / --	0.0005	NO	--	-- / --	--	--	--	NO
1,1,2-Trichloroethane	1.00 - 1.90	0 / 16	--	--	--	0.68	0.10	--	2,000	-- / --	0.001	NO	--	-- / --	--	--	--	NO
1,1-Dichloroethane	0.44 - 0.81	0 / 16	--	--	--	0.29	0.043	--	548	-- / --	0.001	NO	--	-- / --	--	--	--	NO
1,1-Dichloroethene	0.47 - 0.87	0 / 16	--	--	--	0.31	0.046	--	173	-- / --	0.005	NO	--	-- / --	--	--	--	NO
1,2,3-Trichloropropane	1.20 - 2.30	0 / 16	--	--	--	0.80	0.13	--	1,150	-- / --	0.002	NO	--	-- / --	--	--	--	NO
1,2,4-Trichlorobenzene	8.00 - 180	0 / 16	--	--	--	14.8	28.4	--	1,270	-- / --	0.14	NO	--	-- / --	--	--	--	NO
1,2-Dibromo-3-chloropropane	2.40 - 4.50	0 / 16	--	--	--	1.60	0.24	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
1,2-Dibromoethane	1.30 - 2.40	0 / 16	--	--	--	0.86	0.13	--	300	-- / --	0.01	NO	--	-- / --	--	--	--	NO
1,2-Dichlorobenzene	7.50 - 170	0 / 16	--	--	--	14.0	26.8	--	1,000	-- / --	0.17	NO	--	-- / --	--	--	--	NO
1,2-Dichloroethane	0.87 - 1.60	0 / 16	--	--	--	0.57	0.087	--	2,190	-- / --	0.001	NO	--	-- / --	--	--	--	NO
1,2-Dichloropropane	0.96 - 1.80	0 / 16	--	--	--	0.63	0.098	--	38,800	-- / --	0.00005	NO	--	-- / --	--	--	--	NO
1,3-Dichlorobenzene	6.40 - 150	0 / 16	--	--	--	11.9	22.8	--	1,000	-- / --	0.15	NO	--	-- / --	--	--	--	NO
1,4-Dichlorobenzene	6.70 - 150	1 / 16	9.10	9.10	78SB08-00	12.6	23.4	--	1,280	0 / 16	0.01	NO	--	-- / --	--	--	--	NO
2-Butanone	3.00 - 50.0	0 / 16	--	--	--	6.04	5.76	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Chloro-1,3-butadiene	0.50 - 0.92	0 / 16	--	--	--	0.33	0.049	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Hexanone	1.80 - 3.40	1 / 16	4.10	4.10	78SB14-00	1.39	0.74	--	12,600	0 / 16	0.0003	NO	--	-- / --	--	--	--	NO
4-Methyl-2-pentanone	2.50 - 4.70	0 / 16	--	--	--	1.67	0.25	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Acetone	4.80 - 100	12 / 16	11.0	250	78SB01-00	75.0	67.7	--	2,500	0 / 16	0.10	NO	--	-- / --	--	--	--	NO
Acetonitrile	39.0 - 73.0	0 / 16	--	--	--	25.9	3.90	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Acrolein	17.0 - 31.0	0 / 16	--	--	--	11.0	1.65	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Acrylonitrile	20.0 - 37.0	0 / 16	--	--	--	13.1	1.94	--	200,000	-- / --	0.0002	NO	--	-- / --	--	--	--	NO
Allyl chloride	1.30 - 2.40	0 / 16	--	--	--	0.86	0.13	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Benzene	0.75 - 1.30	4 / 16	0.76	1.40	78SB11-00	0.62	0.31	--	6.80	0 / 16	0.21	NO	--	-- / --	--	--	--	NO
Bromodichloromethane	0.72 - 1.30	0 / 16	--	--	--	0.47	0.068	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Bromoform	0.96 - 1.80	0 / 16	--	--	--	0.63	0.098	--	300	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Bromomethane	1.40 - 2.60	0 / 16	--	--	--	0.92	0.14	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Carbon disulfide	0.45 - 2.70	4 / 16	0.57	8.00	78SB03-00	1.35	2.50	--	94.1	0 / 16	0.09	NO	--	-- / --	--	--	--	NO
Carbon tetrachloride	0.87 - 1.60	0 / 16	--	--	--	0.57	0.087	--	3,400	-- / --	0.0005	NO	--	-- / --	--	--	--	NO
Chlorobenzene	0.64 - 1.20	0 / 16	--	--	--	0.42	0.064	--	2,400	-- / --	0.0005	NO	--	-- / --	--	--	--	NO
Chloroethane	1.00 - 1.90	0 / 16	--	--	--	0.68	0.10	--	5,000	-- / --	0.0004	NO	--	-- / --	--	--	--	NO
Chloroform	0.44 - 0.81	0 / 16	--	--	--	0.29	0.043	--	1,844	-- / --	0.0004	NO	--	-- / --	--	--	--	NO
Chloromethane	0.62 - 1.10	1 / 16	2.00	2.00	78SB03-00	0.50	0.40	--	5,000	0 / 16	0.0004	NO	--	-- / --	--	--	--	NO
cis-1,3-Dichloropropene	0.76 - 1.40	0 / 16	--	--	--	0.50	0.073	--	5,000	-- / --	0.0003	NO	--	-- / --	--	--	--	NO
Dibromochloromethane	0.44 - 0.81	0 / 16	--	--	--	0.29	0.043	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Dibromomethane	1.00 - 1.90	0 / 16	--	--	--	0.68	0.10	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Dichlorodifluoromethane (Freon-12)	0.78 - 1.40	0 / 16	--	--	--	0.51	0.073	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Ethylbenzene	0.65 - 1.20	0 / 16	--	--	--	0.43	0.063	--	18.0	-- / --	0.07	NO	--	-- / --	--	--	--	NO
Ethyl methacrylate	1.90 - 3.60	0 / 16	--	--	--	1.26	0.19	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Iodomethane	0.87 - 1.60	5 / 16	1.40	4.60	78SB07-00	1.22	1.23	--	1,230	0 / 16	0.004	NO	--	-- / --	--	--	--	NO
Isobutanol	60.0 - 110	0 / 12	--	--	--	40.2	6.12	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methacrylonitrile	21.0 - 39.0	0 / 16	--	--	--	13.8	2.06	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methyl methacrylate	3.20 - 6.00	0 / 16	--	--	--	2.12	0.32	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methylene chloride	0.87 - 1.60	0 / 16	--	--	--	0.57	0.087	--	1,250	-- / --	0.001	NO	--	-- / --	--	--	--	NO

TABLE 18
Ecological Screening Statistics - SWMU 78 Surface Soil
RCRA Facility Investigation - SWMU 78
Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Sample ID of Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
Propionitrile	18.0 - 34.0	0 / 16	--	--	--	12.0	1.79	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Styrene	0.58 - 1.10	0 / 16	--	--	--	0.38	0.059	--	64,000	-- / --	0.00002	NO	--	-- / --	--	--	--	NO
Tetrachloroethene	0.64 - 1.20	0 / 16	--	--	--	0.42	0.064	--	200	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Toluene	0.69 - 1.30	0 / 16	--	--	--	0.45	0.068	--	40,000	-- / --	0.00003	NO	--	-- / --	--	--	--	NO
trans-1,2-Dichloroethene	0.85 - 1.60	0 / 16	--	--	--	0.56	0.085	--	447	-- / --	0.004	NO	--	-- / --	--	--	--	NO
trans-1,3-Dichloropropene	0.76 - 1.40	0 / 16	--	--	--	0.50	0.073	--	5,000	-- / --	0.0003	NO	--	-- / --	--	--	--	NO
trans-1,4-Dichloro-2-butene	2.70 - 5.00	0 / 16	--	--	--	1.78	0.26	--	200,000	-- / --	0.00003	NO	--	-- / --	--	--	--	NO
Trichloroethene	0.87 - 1.60	0 / 16	--	--	--	0.57	0.087	--	10.0	-- / --	0.16	NO	--	-- / --	--	--	--	NO
Trichlorofluoromethane (Freon-11)	1.30 - 2.40	0 / 16	--	--	--	0.86	0.13	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Vinyl acetate	1.30 - 2.40	0 / 16	--	--	--	0.86	0.13	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Vinyl chloride	0.51 - 0.94	0 / 16	--	--	--	0.33	0.050	--	412	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Xylene, total	2.00 - 3.70	0 / 16	--	--	--	1.31	0.19	--	2,400	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Semivolatile Organic Compounds (UG/KG)																		
1,1-Biphenyl	8.00 - 180	0 / 16	--	--	--	14.8	28.4	--	13,600	-- / --	0.01	NO	--	-- / --	--	--	--	NO
1,2,4,5-Tetrachlorobenzene	6.80 - 150	0 / 16	--	--	--	12.4	23.5	--	260	-- / --	0.58	NO	--	-- / --	--	--	--	NO
1,3,5-Trinitrobenzene	18.0 - 410	0 / 16	--	--	--	33.6	64.0	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
1,3-Dinitrobenzene	4.20 - 95.0	0 / 16	--	--	--	7.73	14.8	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
1,4-Dioxane	8.60 - 190	0 / 16	--	--	--	15.7	30.0	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
1,4-Naphthoquinone	4.20 - 95.0	0 / 16	--	--	--	7.73	14.8	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2,2'-Oxybis(1-chloropropane)	6.80 - 150	0 / 16	--	--	--	12.4	23.5	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2,3,4,6-Tetrachlorophenol	4.50 - 100	0 / 16	--	--	--	8.26	15.7	--	500	-- / --	0.20	NO	--	-- / --	--	--	--	NO
2,4,5-Trichlorophenol	7.30 - 160	0 / 16	--	--	--	13.2	25.1	--	1,350	-- / --	0.12	NO	--	-- / --	--	--	--	NO
2,4,6-Trichlorophenol	8.50 - 190	0 / 16	--	--	--	15.7	30.0	--	580	-- / --	0.33	NO	--	-- / --	--	--	--	NO
2,4-Dichlorophenol	8.70 - 200	0 / 16	--	--	--	16.1	30.8	--	500	-- / --	0.40	NO	--	-- / --	--	--	--	NO
2,4-Dimethylphenol	18.0 - 410	0 / 16	--	--	--	33.6	64.0	--	1,000	-- / --	0.41	NO	--	-- / --	--	--	--	NO
2,4-Dinitrophenol	89.0 - 2,000	0 / 16	--	--	--	165	316	--	20,000	-- / --	0.10	NO	--	-- / --	--	--	--	NO
2,4-Dinitrotoluene	6.30 - 140	0 / 16	--	--	--	11.5	21.9	--	11,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
2,6-Dichlorophenol	6.90 - 160	0 / 16	--	--	--	12.7	24.4	--	500	-- / --	0.32	NO	--	-- / --	--	--	--	NO
2,6-Dinitrotoluene	6.70 - 150	0 / 16	--	--	--	12.3	23.5	--	8,500	-- / --	0.02	NO	--	-- / --	--	--	--	NO
2-Acetylaminofluorene	5.50 - 120	0 / 16	--	--	--	9.85	18.6	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Chloronaphthalene	6.70 - 150	0 / 16	--	--	--	12.3	23.5	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
2-Chlorophenol	7.10 - 160	0 / 16	--	--	--	13.1	25.1	--	500	-- / --	0.32	NO	--	-- / --	--	--	--	NO
2-Methyl-5-nitroaniline	6.40 - 150	0 / 16	--	--	--	11.9	22.8	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Methylaniline	10.0 - 230	0 / 16	--	--	--	18.6	35.7	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Methylnaphthalene	1.80 - 41.0	1 / 30	19.0	19.0	78SB12-00	3.23	5.55	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
2-Methylphenol	8.70 - 200	0 / 16	--	--	--	16.1	30.8	--	1,000	-- / --	0.20	NO	--	-- / --	--	--	--	NO
2-Naphthylamine	21.0 - 490	0 / 16	--	--	--	39.8	76.3	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Nitroaniline	7.00 - 160	0 / 16	--	--	--	13.1	25.2	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Nitrophenol	7.80 - 180	0 / 16	--	--	--	14.4	27.6	--	1,000	-- / --	0.18	NO	--	-- / --	--	--	--	NO
2-Picoline	13.0 - 290	0 / 16	--	--	--	23.8	45.4	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
3- and 4-Methylphenol	7.80 - 180	0 / 16	--	--	--	14.4	27.6	--	1,000	-- / --	0.18	NO	--	-- / --	--	--	--	NO
3,3'-Dichlorobenzidine	9.90 - 220	0 / 16	--	--	--	18.2	34.9	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
3,3'-Dimethylbenzidine	190 - 4,400	0 / 16	--	--	--	356	682	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
3-Methylcholanthrene	6.60 - 150	0 / 15	--	--	--	12.8	24.3	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
3-Nitroaniline	4.80 - 110	0 / 16	--	--	--	8.92	17.0	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO

TABLE 18
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RCRA Facility Investigation - SWMU 78
Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Sample ID of Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
4,6-Dinitro-2-methylphenol	6.20 - 140	0 / 16	--	--	--	11.5	21.9	--	1,000	-- / --	0.14	NO	--	-- / --	--	--	--	NO
4-Aminobiphenyl	14.0 - 320	0 / 16	--	--	--	25.8	49.6	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
4-Bromophenyl-phenylether	7.60 - 170	0 / 16	--	--	--	14.0	26.8	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
4-Chloro-3-methylphenol	8.10 - 180	0 / 16	--	--	--	14.9	28.4	--	500	-- / --	0.36	NO	--	-- / --	--	--	--	NO
4-Chloroaniline	6.40 - 150	0 / 16	--	--	--	11.9	22.8	--	500	-- / --	0.30	NO	--	-- / --	--	--	--	NO
4-Chlorophenyl-phenylether	6.70 - 150	0 / 16	--	--	--	12.3	23.5	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
4-Nitroaniline	8.30 - 190	0 / 16	--	--	--	15.3	29.2	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
4-Nitrophenol	35.0 - 800	0 / 16	--	--	--	65.4	125	--	380	-- / --	2.11	**YES**	--	-- / --	--	--	0.17	NO
4-Nitroquinoline-1-oxide	14.0 - 14.0	0 / 1	--	--	--	7.00	--	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
7,12-Dimethylbenz(a)anthracene	10.0 - 230	0 / 16	--	--	--	18.6	35.7	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
a,a-Dimethylphenethylamine	63.0 - 1,400	0 / 16	--	--	--	115	219	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Acenaphthene	0.61 - 14.0	5 / 30	0.80	18.0	78SB12-00	1.97	3.44	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Acenaphthylene	1.80 - 41.0	1 / 30	26.0	26.0	78SB12-00	3.46	6.33	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Acetophenone	9.20 - 210	0 / 16	--	--	--	17.0	32.5	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Aniline	6.80 - 150	0 / 16	--	--	--	12.4	23.5	--	6,400	-- / --	0.02	NO	--	-- / --	--	--	--	NO
Anthracene	1.80 - 41.0	7 / 30	1.27	43.0	78SB12-00	4.43	8.71	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Aramite	12.0 - 270	0 / 16	--	--	--	22.0	42.2	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Benzo(a)anthracene	1.80 - 41.0	16 / 27	2.90	167	78SB24-00	20.1	37.4	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzo(a)pyrene	0.71 - 5.12	20 / 27	0.99	140	78SB24-00	24.5	37.4	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzo(b)fluoranthene	0.82 - 5.12	20 / 28	1.60	185	78SB24-00	30.1	46.4	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzo(g,h,i)perylene	1.90 - 5.12	21 / 29	3.60	290	78SB03-00	38.9	60.6	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzo(k)fluoranthene	1.10 - 24.0	12 / 27	1.40	149	78SB24-00	14.5	30.4	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzyl alcohol	8.60 - 190	0 / 16	--	--	--	15.7	30.0	--	65,800	-- / --	0.003	NO	--	-- / --	--	--	--	NO
bis(2-Chloroethoxy)methane	7.30 - 160	0 / 16	--	--	--	13.2	25.1	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
bis(2-Chloroethyl)ether	6.10 - 140	0 / 16	--	--	--	11.4	21.9	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
bis(2-Ethylhexyl)phthalate	5.30 - 470	3 / 15	16.0	42.0	78SB08-00	37.3	68.8	--	30,000	0 / 15	0.001	NO	--	-- / --	--	--	--	NO
Butylbenzylphthalate	7.70 - 170	0 / 16	--	--	--	14.1	26.7	--	30,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Chrysene	0.67 - 5.12	24 / 30	1.40	181	78SB24-00	23.3	38.5	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Dibenz(a,h)anthracene	0.63 - 8.90	14 / 27	1.10	34.4	78SB24-00	5.40	8.11	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Dibenzofuran	4.50 - 100	1 / 16	33.0	33.0	78SB12-00	10.2	16.8	--	4,600	0 / 16	0.01	NO	--	-- / --	--	--	--	NO
Diethylphthalate	12.0 - 270	0 / 16	--	--	--	22.0	42.2	--	26,800	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Dimethoate	3.50 - 80.0	0 / 16	--	--	--	6.54	12.5	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Dimethyl phthalate	6.90 - 160	0 / 16	--	--	--	12.7	24.4	--	10,640	-- / --	0.02	NO	--	-- / --	--	--	--	NO
Di-n-butylphthalate	27.0 - 610	0 / 16	--	--	--	50.6	94.6	--	40,000	-- / --	0.02	NO	--	-- / --	--	--	--	NO
Di-n-octylphthalate	3.50 - 80.0	0 / 15	--	--	--	6.83	12.9	--	30,000	-- / --	0.003	NO	--	-- / --	--	--	--	NO
Ethyl methanesulfonate	12.0 - 270	0 / 16	--	--	--	22.0	42.2	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Famphur	3.90 - 87.0	0 / 16	--	--	--	7.14	13.6	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Fluoranthene	1.80 - 5.12	18 / 30	2.30	209	78SB24-00	28.4	53.1	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Fluorene	0.83 - 19.0	5 / 30	0.79	53.0	78SB12-00	3.35	9.62	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Hexachlorobenzene	7.30 - 160	0 / 16	--	--	--	13.2	25.1	--	1,000	-- / --	0.16	NO	--	-- / --	--	--	--	NO
Hexachlorobutadiene	9.80 - 220	0 / 16	--	--	--	17.9	34.1	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Hexachlorocyclopentadiene	15.0 - 340	0 / 16	--	--	--	27.6	52.7	--	2,000	-- / --	0.17	NO	--	-- / --	--	--	--	NO
Hexachloroethane	8.00 - 180	0 / 16	--	--	--	14.8	28.4	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Hexachlorophene	890 - 20,000	0 / 9	--	--	--	2,556	4,081	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Hexachloropropene	7.70 - 170	0 / 16	--	--	--	14.1	26.7	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO

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RCRA Facility Investigation - SWMU 78
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Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Sample ID of Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
Indeno(1,2,3-cd)pyrene	1.30 - 29.0	14 / 27	1.60	108	78SB24-00	15.0	25.2	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Isophorone	6.70 - 150	0 / 16	--	--	--	12.3	23.5	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Isosafrole	7.60 - 170	0 / 16	--	--	--	14.0	26.8	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methapyrilene	10.0 - 230	0 / 16	--	--	--	18.6	35.7	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methyl methanesulfonate	10.0 - 230	0 / 16	--	--	--	18.6	35.7	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Naphthalene	0.65 - 15.0	6 / 30	0.67	99.0	78SB12-00	4.68	17.9	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
n-Nitrosodiethylamine	13.0 - 290	0 / 16	--	--	--	23.8	45.4	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitrosodimethylamine	11.0 - 240	0 / 16	--	--	--	19.6	37.3	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitroso-di-n-butylamine	9.80 - 220	0 / 16	--	--	--	17.9	34.1	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitroso-di-n-propylamine	7.00 - 160	0 / 16	--	--	--	13.1	25.2	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitrosodiphenylamine	7.60 - 170	0 / 16	--	--	--	14.0	26.8	--	1,090	-- / --	0.16	NO	--	-- / --	--	--	--	NO
N-Nitrosomorpholine	7.10 - 160	0 / 16	--	--	--	13.1	25.1	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitroso-n-methylethylamine	6.10 - 140	0 / 16	--	--	--	11.4	21.9	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
N-Nitrosopiperidine	9.10 - 210	0 / 16	--	--	--	16.9	32.5	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitrosopyrrolidine	9.60 - 220	0 / 16	--	--	--	17.8	34.1	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Nitrobenzene	7.40 - 170	0 / 16	--	--	--	13.6	26.0	--	2,260	-- / --	0.08	NO	--	-- / --	--	--	--	NO
O,O,O-Triethyl phosphorothioate	17.0 - 390	0 / 16	--	--	--	31.8	60.8	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
p-Dimethylaminoazobenzene	7.60 - 170	0 / 16	--	--	--	14.0	26.8	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
PAH (HMW)	5.50 - 23.0	25 / 30	7.19	1,321	78SB24-00	199	303	--	18,000	0 / 30	0.07	NO	--	-- / --	--	--	--	NO
PAH (LMW)	9.21 - 20.5	20 / 30	9.30	662	78SB12-00	63.8	132	--	29,000	0 / 30	0.02	NO	--	-- / --	--	--	--	NO
Pentachlorobenzene	6.70 - 150	0 / 16	--	--	--	12.3	23.5	--	1,150	-- / --	0.13	NO	--	-- / --	--	--	--	NO
Pentachloronitrobenzene	6.30 - 140	0 / 13	--	--	--	13.3	24.1	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Pentachlorophenol	8.90 - 200	0 / 16	--	--	--	16.5	31.6	--	5,000	-- / --	0.04	NO	--	-- / --	--	--	--	NO
Phenacetin	5.10 - 110	0 / 16	--	--	--	9.33	17.8	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Phenanthrene	1.80 - 41.0	16 / 30	0.92	220	78SB12-00	14.4	40.6	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Phenol	5.30 - 120	2 / 16	5.30	6.50	78SB02-00	10.1	18.6	--	1,880	0 / 16	0.003	NO	--	-- / --	--	--	--	NO
Phorate	8.80 - 200	0 / 16	--	--	--	16.2	30.8	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
p-Phenylenediamine	170 - 3,900	0 / 16	--	--	--	318	608	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Pronamide	9.70 - 220	0 / 16	--	--	--	17.9	34.1	--	13.6	-- / --	16.2	**YES**	--	-- / --	--	--	1.32	NO[3]
Pyrene	1.90 - 5.12	22 / 29	1.90	285	78SB24-00	40.2	69.3	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Pyridine	12.0 - 270	0 / 16	--	--	--	22.0	42.2	--	2,240	-- / --	0.12	NO	--	-- / --	--	--	--	NO
Safrole	8.90 - 200	0 / 16	--	--	--	16.5	31.6	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Polychlorinated Biphenyls (UG/KG)																		
Aroclor-1016	4.10 - 5.40	0 / 16	--	--	--	2.27	0.19	--	2,510	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Aroclor-1221	14.0 - 18.0	0 / 16	--	--	--	7.66	0.68	--	2,510	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Aroclor-1232	8.10 - 11.0	0 / 16	--	--	--	4.48	0.41	--	2,510	-- / --	0.004	NO	--	-- / --	--	--	--	NO
Aroclor-1242	5.20 - 6.80	0 / 16	--	--	--	2.86	0.24	--	2,510	-- / --	0.003	NO	--	-- / --	--	--	--	NO
Aroclor-1248	5.50 - 7.20	0 / 16	--	--	--	3.03	0.25	--	2,510	-- / --	0.003	NO	--	-- / --	--	--	--	NO
Aroclor-1254	2.50 - 3.30	0 / 16	--	--	--	1.37	0.12	--	2,510	-- / --	0.001	NO	--	-- / --	--	--	--	NO
Aroclor-1260	5.20 - 6.80	2 / 16	33.0	48.0	78SB11-00	7.58	13.1	--	2,510	0 / 16	0.02	NO	--	-- / --	--	--	--	NO
Pesticides (UG/KG)																		
Disulfoton	6.30 - 140	0 / 16	--	--	--	11.5	21.9	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methyl parathion	3.50 - 80.0	0 / 16	--	--	--	6.54	12.5	--	2,000	-- / --	0.04	NO	--	-- / --	--	--	--	NO
Parathion	8.30 - 190	0 / 16	--	--	--	15.3	29.2	--	2,000	-- / --	0.10	NO	--	-- / --	--	--	--	NO
Sulfotepp	9.70 - 220	0 / 16	--	--	--	17.9	34.1	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO

TABLE 18
Ecological Screening Statistics - SWMU 78 Surface Soil
RCRA Facility Investigation - SWMU 78
Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Sample ID of Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
Thionazin	9.90 - 220	0 / 16	--	--	--	18.2	34.9	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Herbicides (UG/KG)																		
Diallate	10.0 - 230	0 / 16	--	--	--	18.8	35.7	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Dinoseb	18.0 - 410	0 / 16	--	--	--	33.6	64.0	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Inorganics (MG/KG)																		
Antimony	0.077 - 0.30	6 / 16	0.33	4.00	78SB03-00	0.66	1.19	1.22	78.0	0 / 16	0.05	NO	--	-- / --	--	--	--	NO
Arsenic	-- - --	53 / 53	0.18	102	78SB55-00	5.98	15.8	15.4	18.0	4 / 53	5.67	**YES**	2.75	17 / 53	37.1	0.86	0.33	NO
Barium	-- - --	53 / 53	33.0	380	78SB11-00	111	68.0	127	330	1 / 53	1.15	**YES**	322	2 / 53	1.18	0.38	0.34	NO
Beryllium	-- - --	53 / 53	0.079	0.52	78SB21-00	0.27	0.090	--	40.0	0 / 53	0.01	NO	--	-- / --	--	--	--	NO
Cadmium	-- - --	53 / 53	0.038	1.50	78SB39-00	0.37	0.26	0.43	32.0	0 / 53	0.05	NO	--	-- / --	--	--	--	NO
Chromium	-- - --	51 / 51	11.7	197	78SB55-00	30.0	29.5	48.0	64.0	4 / 51	3.08	**YES**	55.0	4 / 51	3.58	0.75	0.47	NO
Cobalt	-- - --	53 / 53	9.36	47.0	78SB12-00	22.6	8.00	--	13.0	50 / 53	3.62	**YES**	52.3	0 / 53	0.90	--	--	NO
Copper	-- - --	53 / 53	11.2	280	78SB08-00	96.1	49.7	108	70.0	38 / 53	4.00	**YES**	192	2 / 53	1.46	1.54	1.37	**YES**
Lead	-- - --	46 / 46	0.49	157	78SB49-00	22.2	31.0	31.0	120	1 / 46	1.31	**YES**	34.2	11 / 46	4.59	0.26	0.19	NO
Mercury	0.0038 - 0.012	43 / 53	0.0081	0.17	78SB46-00	0.034	0.031	0.041	0.10	2 / 53	1.68	**YES**	0.131	1 / 53	1.28	0.41	0.34	NO
Nickel	-- - --	53 / 53	8.31	49.0	78SB16-00	14.6	6.57	16.1	38.0	1 / 53	1.29	**YES**	28.0	2 / 53	1.75	0.42	0.38	NO
Selenium	0.12 - 0.14	45 / 53	0.13	1.40	78SB12-00	0.45	0.33	0.54	0.52	17 / 53	2.69	**YES**	1.07	3 / 53	1.31	1.03	0.86	**YES**
Silver	0.24 - 0.33	35 / 53	0.027	0.24	78SB26-00	0.093	0.047	--	560	0 / 53	0.0004	NO	--	-- / --	--	--	--	NO
Thallium	0.041 - 0.17	33 / 53	0.017	0.17	78SB09-00	0.059	0.027	--	1.00	0 / 53	0.17	NO	--	-- / --	--	--	--	NO
Tin	1.53 - 7.11	6 / 53	4.50	17.6	78SB46-00	2.87	4.07	--	50.0	0 / 53	0.35	NO	--	-- / --	--	--	--	NO
Vanadium	-- - --	53 / 53	59.2	410	78SB06-00	145	59.2	159	130	27 / 53	3.15	**YES**	286	1 / 53	1.43	1.22	1.12	**YES**
Zinc	-- - --	52 / 52	28.9	661	78SB24-00	127	141	213	120	16 / 52	5.51	**YES**	132	13 / 52	5.01	1.77	1.06	**YES**
Total Petroleum Hydrocarbons																		
TPH-diesel range (UG/KG)	2,100 - 2,400	16 / 19	890	8,000,000	78SB01-00	470,357	1,832,895	2,312,896	1,300,000	1 / 19	6.15	**YES**	--	-- / --	--	1.78	0.36	**YES**
TPH-gas range (UG/KG)	65.0 - 110	14 / 16	75.0	660	78SB03-00	190	159	--	210,000	0 / 16	0.003	NO	--	-- / --	--	--	--	NO

NSV - No Screening Value
[1] Count of detected samples exceeding or equaling ESV
[2] Shaded cells indicate hazard quotient based on reporting limits
[3] See uncertainty section

TABLE 19

Exceedances - SWMU 78 Surface Soil

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

			78SB01		78SB02	78SB03	78SB04	78SB05	78SB06	78SB07	78SB08		78SB09	78SB10	78SB11	78SB12	78SB13	78SB14	78SB15	78SB16	78SB17		78SB18	78SB19
		Background	78SB01-00	78SB01-00D	78SB02-00	78SB03-00	78SB04-00	78SB05-00	78SB06-00	78SB07-00	78SB08-00	78SB08-00D	78SB09-00	78SB10-00	78SB11-00	78SB12-00	78SB13-00	78SB14-00	78SB15-00	78SB16-00	78SB17-00	78SB17-00D	78SB18-00	78SB19-00
Chemical	Soil ESV	UTL	05/31/08	05/31/08	05/30/08	05/31/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/29/08	05/30/08	05/30/08	04/27/11	04/27/11	04/27/11	04/27/11
Volatile Organic Compounds (UG/KG)																								
1,4-Dichlorobenzene	1,280	--	140 UJ	6.6 UJ	6.8 U	150 U	6.7 U	7.3 U	8.1 U	6.9 U	9.1 J	8.2 U	6.9 U	6.8 U	6.8 UJ	7.7 U	7.3 U	8.2 UJ	7.4 U	8.1 U	NA	NA	NA	NA
2-Hexanone	12,600	--	2.2 U	1.9 U	2.6 U	2.7 U	2.3 U	2.3 U	2.6 U	2.3 U	3.4 U	3.1 U	2.3 U	2 U	2.3 U	2.3 U	1.8 U	4.1 J	2.5 U	2.7 U	NA	NA	NA	NA
Acetone	2,500	--	250 J	210 J	96 UJ	100 UJ	71 UJ	200	37 J	130 J	100	79	11 J	37 J	86 J	4.8 U	36 J	34 J	58 J	85 J	NA	NA	NA	NA
Benzene	6.80	--	0.83 U	0.73 U	0.99 U	1 U	0.88 U	0.87 U	0.98 U	0.87 U	1.3 U	1.2 U	0.87 U	0.75 U	1.4 J	0.86 U	0.76 J	1.1 J	1.1 J	1 U	NA	NA	NA	NA
Carbon disulfide	94.1	--	0.59 U	0.47 U	0.64 U	8	2.7 U	0.56 U	0.63 U	0.56 U	0.83 U	0.74 U	0.56 U	0.49 U	7.4	0.55 U	0.45 U	0.57 J	0.95 J	0.66 U	NA	NA	NA	NA
Chloromethane	5,000	--	0.74 U	0.65 U	0.89 U	2 J	0.79 U	0.78 U	0.88 U	0.78 U	1.1 U	1 U	0.79 U	0.68 U	0.77 U	0.77 U	0.62 U	0.73 U	0.85 U	0.92 U	NA	NA	NA	NA
Iodomethane	1,230	--	1.8 J	1.8 J	1.3 UJ	1.6 J	1.1 UJ	1.4 J	1.2 U	4.6 J	1.6 U	1.5 U	1.1 U	0.95 U	1.1 U	3.7 J	0.87 U	1 U	1.2 U	1.3 U	NA	NA	NA	NA
Semivolatile Organic Compounds (UG/KG)																								
2-Methylnaphthalene	LMW PAH	--	38 UJ	1.8 UJ	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	1.9 UJ	19	2 U	2.3 UJ	2 U	2.2 U	4.62 U	2.21 U	2.6 U	2.45 U
Acenaphthene	LMW PAH	--	13 UJ	0.61 UJ	0.62 U	14 U	0.61 U	0.67 U	0.75 U	0.63 U	0.81 U	0.75 U	0.63 U	0.63 U	0.63 UJ	18	0.67 U	0.76 UJ	0.68 U	0.74 U	4.62 U	2.21 U	2.6 U	2.45 U
Acenaphthylene	LMW PAH	--	38 UJ	1.8 UJ	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	1.9 UJ	26	2 U	2.3 UJ	2 U	2.2 U	4.62 U	2.21 U	2.6 U	2.45 U
Anthracene	LMW PAH	--	38 UJ	1.8 UJ	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	2.6 J	43	2 U	2.3 UJ	2 U	2.2 U	4.62 U	2.21 U	2.6 U	2.45 U
Benzo(a)anthracene	HMW PAH	--	38 UJ	6 J	1.9 U	41 U	1.8 U	4.5 J	2.2 U	1.9 U	2.4 U	2.9 J	1.9 U	1.9 U	33 J	68	4.8 J	2.3 UJ	2 U	2.2 R	5.59 J	5.76 J	6.95 J	18.4
Benzo(a)pyrene	HMW PAH	--	35 J	7 J	0.72 U	110 J	0.71 U	3.7 J	1.6 J	0.73 U	1.2 J	2.1 J	0.73 U	0.73 U	46 J	76	4.8 J	0.99 J	1.3 J	0.86 R	9.56 J	10.2	10.5 J	20.4
Benzo(b)fluoranthene	HMW PAH	--	17 UJ	13 J	0.83 U	74 J	0.82 U	7.3 J	3.6 J	0.84 U	1.1 J	2.1 J	0.84 U	0.84 U	85 J	110	7.2 J	1 UJ	1.6 J	14 J	8.49 J	11.3	10.5 J	25.3
Benzo(g,h,i)perylene	HMW PAH	--	110 J	6 J	11 J	290 J	12 J	3.7 J	2.2 U	1.9 UJ	3.8 J	2.2 U	1.9 UJ	1.9 U	39 J	34	3.6 J	2.3 UJ	2 U	19 J	130 J	113 J	93.7	24.2
Benzo(k)fluoranthene	HMW PAH	--	22 UJ	1.1 UJ	1.1 U	24 U	1.1 U	1.2 UJ	1.3 UJ	1.1 U	1.4 J	1.4 J	1.1 U	1.1 U	1.1 UJ	1.2 U	1.2 U	1.3 UJ	1.7 J	1.3 R	6.57 J	6.98 J	6.97 J	21.6
bis(2-Ethylhexyl)phthalate	30,000	--	340 UJ	14 UJ	18 U	470 U	17 U	16 J	18 J	5.3 U	37 J	42 J	13 U	16 U	35 UJ	12 U	13 U	10 UJ	18 U	26 R	NA	NA	NA	NA
Chrysene	HMW PAH	--	14 UJ	5.6 J	2.2 J	59 J	2 J	5 J	1.4 J	0.68 U	1.3 J	2 J	0.68 U	0.67 U	48 J	66	4 J	0.81 UJ	1.5 J	34 J	7.65 J	8.76 J	9.32 J	21.4
Dibenz(a,h)anthracene	HMW PAH	--	13 UJ	2.4 J	0.64 U	26 J	0.63 U	0.7 U	0.77 U	0.66 U	0.83 U	0.78 U	0.65 U	0.65 U	7.1 J	5.7 J	1.1 J	0.78 UJ	0.7 U	0.77 R	2.78 J	4.83 J	4.08 J	5.58 J
Dibenzofuran	4,600	--	94 UJ	4.5 UJ	4.6 U	100 U	4.5 U	5 U	5.5 U	4.7 U	5.9 U	5.6 U	4.6 U	4.6 U	4.6 UJ	33 J	4.9 U	5.6 UJ	5 U	5.5 U	NA	NA	NA	NA
Fluoranthene	LMW PAH	--	38 UJ	9.3 J	1.9 U	51 J	1.8 U	6.2 J	2.2 U	1.9 U	2.4 U	2.3 J	1.9 U	1.9 U	57 J	180	10	2.3 UJ	2 U	15	5.79 J	7.71 J	7.9 J	21.5
Fluorene	LMW PAH	--	17 UJ	0.82 UJ	0.84 U	19 U	0.83 U	0.91 U	1 U	0.86 U	1.1 U	1 U	0.85 U	0.85 U	0.85 UJ	53	1.3 J	1 UJ	0.92 U	1 U	4.62 U	2.21 U	2.6 U	2.45 U
Indeno(1,2,3-cd)pyrene	HMW PAH	--	27 UJ	3.6 J	1.3 U	29 U	1.3 U	1.6 J	1.6 U	1.3 U	1.7 U	1.6 U	1.3 UJ	1.3 U	13 J	15 J	1.4 UJ	1.6 UJ	1.4 UJ	1.6 R	15.4 J	17.2	13.4	17.6
Naphthalene	LMW PAH	--	13 UJ	0.67 J	0.65 UJ	15 UJ	0.73 J	0.92 J	0.79 U	0.67 UJ	0.85 U	0.79 U	0.66 U	0.66 U	0.66 UJ	99	1.2 J	0.8 UJ	0.71 U	1.9 J	4.62 U	2.21 U	2.6 U	2.45 U
PAH (HMW)	18,000	--	230	52.1	17.4	716	19.1	32.3	12.9	5.51 U	13.9	15.1	5.50 U	5.50 U	353	555	35.0	7.19	11.5	87.0	203	186	164	173
PAH (LMW)	29,000	--	187 U	18.9	9.21 U	232	9.3	15.6	10.8 U	9.28 U	11.8 U	12.1	9.27 U	9.22 U	79.0	662	27.3	11.1 U	9.86 U	30.6	21.1	16.3	18.1	32.3
Phenanthrene	LMW PAH	--	38 UJ	2.2 J	1.9 U	41 U	1.8 U	2 U	2.2 U	1.9 U	2.4 U	2.2 U	1.9 U	1.9 U	13 J	220	7.8 J	2.3 UJ	2 U	5.5 J	1.42 J	1.93 J	2.39 J	3.4 J
Phenol	1,880	--	110 UJ	5.1 UJ	6.5 J	120 U	5.3 J	5.7 U	6.3 U	5.3 U	6.8 U	6.3 U	5.3 U	5.3 U	5.3 UJ	6 U	5.6 U	6.4 UJ	5.7 U	6.2 U	NA	NA	NA	NA
Pyrene	HMW PAH	--	38 UJ	7.9 J	1.9 U	110 J	1.9 J	5.5 J	2.3 J	1.9 U	2.6 J	2.3 J	1.9 U	1.9 U	81 J	180	8.2	2.3 UJ	2.3 J	20	17.1 J	7.73 J	8.36 J	18.4
Polychlorinated Biphenyls (UG/KG)																								
Aroclor-1260	2,510	--	33 J	5.2 U	5.3 U	5.8 U	5.2 U	5.7 U	6.2 U	5.3 U	6.8 U	6.4 U	5.3 U	5.2 U	48 J	6.1 U	5.6 U	6.3 U	5.7 U	6.2 U	NA	NA	NA	NA
Pesticides (UG/KG)																								
No Detections	--	--																						
Herbicides (UG/KG)																								
No Detections	--	--																						
Inorganics (MG/KG)																								
Antimony	78.0	2.70	1.1 J	0.12 UJ	0.3 UJ	4 J	3.2 J	0.22 UJ	0.089 UJ	0.13 UJ	0.28 UJ	0.65 J	0.1 UJ	0.077 UJ	0.33 J	0.091 UJ	0.15 UJ	0.097 UJ	0.66 J	0.14 UJ	0.485 R	0.49 R	0.467 R	0.5 R
Arsenic	18.0	2.75	1.6	1	0.76	4.2	4.1	1.1	1	0.69	2.8	2.2	0.58	0.66	1.9	1.5	2.1	2.9	8.2	1.8	0.724 J	1.45	1.23	1.37
Barium	330	322	75 J	50 J	62	150	110	82	85	60	260 J	180 J	100	33	380	130	160	120	78	80	69.2 J	122 J	130	149
Beryllium	40.0	0.676	0.22	0.17	0.22	0.3	0.24	0.28	0.3	0.23	0.34	0.31	0.24	0.26	0.42	0.35	0.42	0.42	0.19	0.27	0.22 J	0.398 J	0.317 J	0.214 J
Cadmium	32.0	0.765	0.4	0.099 J	0.39	0.76	0.32	0.17	0.094 J	0.12	0.12 J	0.17	0.038 J	0.065 J	0.17	0.066 J	0.14	0.062 J	0.22	0.23	0.511	0.614	0.46 J	0.577
Chromium	64.0	55.0	15	14	13	21	25	16 J	18 J	14	11 J	19 J	20 J	18	19	34 J	77 J	21 J	28 J	36 J	11.4	20.7	17.7	22.8
Cobalt	13.0	52.3	25 J	17 J	16	21	22	15	26	16	41	33	27	25	17	47	34	42	18	40	18.3	22.7	18.8	19.5
Copper	70.0	192	160 J	78 J	49	100	120	93	190	28	280	220	110	12	91	120	130	170	110	240	32.4 J	116 J	96.6	58
Lead	120	34.2	21 R	2.8 R	3.4 R	180 R	80 R	13	1.8	2.6 R	4.2 R	27 R	1.3	2.2	45	2.1	3.9	1.4	19	0.81	16.7 J	33.2 J	34.6 J	39.9 J
Mercury	0.10	0.131	0.021 J	0.004 U	0.0038 U	0.11	0.05	0.0042 U	0.0051 U	0.0043 U	0.0063 J	0.032	0.0041 U	0.0041 U	0.0082 J	0.032	0.016 J	0.015 J	0.013 J	0.0043 U	0.013 J	0.0356 J	0.023 J	0.0568
Nickel	38.0	28.0	13	12	9.2	13	13	9.1	24	8.9	20	22	19	17	22	23	22	29	15	49	9.52 J	12.9 J	11.1 J	15.9 J
Selenium	0.52	1.07	0.13 U	0.12 U	0.12 U	0.19 J	0.14 J	0.13 U	0.14 U	0.13 U	0.18 J	0.21 J	0.12 U	0.12 U	0.25 J	1.4	0.54 J	0.41 J	0.32 J	0.14 U	0.132 J	0.321 J	0.289 J	0.345 J
Silver	560	--	0.073 J	0.074 J	0.04 J	0.099 J	0.08 J	0.062 J	0.039 J	0.027 J	0.13 J	0.12 J	0.093 J	0.038 J	0.06 J	0.03 J	0.08 J	0.039 J	0.065 J	0.11 J	0.0544 J	0.0753 J	0.0676 J	0.25 UJ
Thallium	1.00	--	0.13 U	0.12 U	0.12 U	0.14 U	0.12 U	0.13 U	0.14 U	0.13 U	0.17 U	0.14 U	0.17 J	0.12 U	0.13 U	0.14 U	0.13 J	0.15 U	0.14 U	0.14 U	0.115 U	0.0636 U	0.0416 J	0.0478 U
Tin	50.0	4.25	4.2 U	4 U	4 U	8.8 J	4.5 J	4.2 U	4.8 U	4.3 U	5.5 U	4.8 U	4.1 U	4.1 U	14 J	4.8 U	4.4 U	5.1 U	4.5 U	4.7 U	2.15 U	2.39 U	2.28 U	1.8 U
Vanadium	130	286	140	140	130	130	140	130	410	130	250	240	200	190	110	270	230	260	160	210	110 J	141 J	127 J	147 J
Zinc	120	132	150 J	59 J	53 J	490 J	240 J	110 J	85 J	46 J	70 J	150 J	57 J	65	260	47 J	51 J	56 J	84 J	72 J	95.6 J	162 J	147	123
Total Petroleum Hydrocarbons																								
TPH-diesel range (UG/KG)	1,300,000	--	8,000,000 J	12,000 J	1,700 J	820,000	4,600	5,100	1,400	3,300 J	2,600	5,200	1,100	890	18,000	16,000	3,800	14,000	2,300	36,000	2,100 U	2,100 U	2,400 U	2,300 U
TPH-gas range (UG/KG)	210,000	--	390 J	110 J	170 J	660 J	120 J	120 J	120 J	110 J	120 J	110 J	65 U	75 J	170 J	120 J	200 J	370	200 J	110 U	NA	NA	NA	NA

Notes:

Grey highlighting indicates value greater than ESV

Yellow highlighting indicates value equal to ESV

Red highlighting indicates value ≥ ESV and ≥ background UTL; ≥ ESV and no UTL; or ≥ background UTL and no ESV

Bold indicates detections

NSV - No Screening Value

NA - Not analyzed

TABLE 19

Exceedances - SWMU 78 Surface Soil

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Soil ESV	Background UTL	78SB20	78SB21	78SB22	78SB23	78SB24	78SB25		78SB26	78SB33	78SB34	78SB35	78SB36	78SB37		78SB38	78SB39		78SB40	78SB41	78SB42	78SB43	78SB44	78SB45	78SB46	78SB47	78SB48
			78SB20-00	78SB21-00	78SB22-00	78SB23-00	78SB24-00	78SB25-00	78SB25-00D	78SB26-00	78SB33-00	78SB34-00	78SB35-00	78SB36-00	78SB37-00	78SB37-00D	78SB38-00	78SB39-00	78SB39-00D	78SB40-00	78SB41-00	78SB42-00	78SB43-00	78SB44-00	78SB45-00	78SB46-00	78SB47-00	78SB48-00
			04/26/11	04/27/11	04/27/11	04/26/11	04/26/11	04/26/11	04/26/11	04/26/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/27/11	04/27/11	04/26/11
Volatile Organic Compounds (UG/KG)																												
1,4-Dichlorobenzene	1,280	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	12,600	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2,500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	6.80	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	94.1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	5,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	1,230	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (UG/KG)																												
2-Methylnaphthalene	LMW PAH	--	NA	NA	NA	4.95 U	2.28 UJ	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	LMW PAH	--	NA	NA	NA	**0.803 J**	**1.85 J**	5.07 U	5.12 U	**1 J**	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	LMW PAH	--	NA	NA	NA	4.95 U	2.28 UJ	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA
Anthracene	LMW PAH	--	NA	NA	NA	**1.27 J**	**8.3 J**	5.07 U	5.12 U	**3.49 J**	NA	NA	NA	NA	NA	NA	4.65 UJ	2.43 U	2.42 U	2.25 U	4.52 UJ	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	HMW PAH	--	NA	NA	NA	**19.5 J**	**167 J**	5.07 U	5.12 U	**53.9 J**	NA	NA	NA	NA	NA	NA	4.65 R	**9.15 J**	**2.92 J**	**4.82 J**	4.52 R	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	HMW PAH	--	NA	NA	NA	**16.7 J**	**140 J**	5.07 U	5.12 U	**49.9 J**	NA	NA	NA	NA	NA	NA	4.65 R	**15.6 J**	**4.73 J**	**7.53 J**	4.52 R	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	HMW PAH	--	NA	NA	NA	**27.6 J**	**185 J**	5.07 U	5.12 U	**61.1 J**	NA	NA	NA	NA	NA	NA	4.65 R	**34.4 J**	**12.4 J**	**19.9**	4.52 R	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	HMW PAH	--	NA	NA	NA	**23.8 J**	**71.8 J**	5.07 U	5.12 U	**91.1 J**	NA	NA	NA	NA	NA	NA	**27.4 J**	**14.3 J**	**4.67 J**	**7.67 J**	4.52 R	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	HMW PAH	--	NA	NA	NA	**21.2 J**	**149 J**	5.07 U	5.12 U	**51.6 J**	NA	NA	NA	NA	NA	NA	4.65 R	**21.3 J**	**6.53 J**	**12.9**	4.52 R	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	30,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	HMW PAH	--	NA	NA	NA	**25.1 J**	**181 J**	5.07 U	5.12 U	**60.7 J**	NA	NA	NA	NA	NA	NA	**6.72 J**	**17 J**	**6.01 J**	**10.7**	**9.28 J**	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	HMW PAH	--	NA	NA	NA	**5.55 J**	**34.4 J**	5.07 U	5.12 U	**10.2 J**	NA	NA	NA	NA	NA	NA	4.65 R	**5.79 J**	4.85 U	**4.08 J**	4.52 R	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	4,600	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	LMW PAH	--	NA	NA	NA	**28.2**	**209 J**	5.07 U	5.12 U	**68.8**	NA	NA	NA	NA	NA	NA	4.65 UJ	**6.53 J**	**6.57 J**	**5.66 J**	4.52 UJ	NA	NA	NA	NA	NA	NA	NA
Fluorene	LMW PAH	--	NA	NA	NA	4.95 U	**0.786 J**	5.07 U	5.12 U	**0.839 J**	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	HMW PAH	--	NA	NA	NA	**22.5 J**	**108 J**	5.07 U	5.12 U	**61.2 J**	NA	NA	NA	NA	NA	NA	4.65 R	**17.3 J**	**5.32 J**	**12.3**	4.52 R	NA	NA	NA	NA	NA	NA	NA
Naphthalene	LMW PAH	--	NA	NA	NA	4.95 U	2.28 UJ	5.07 U	5.12 U	4.66 U	NA	NA	NA	NA	NA	NA	4.65 U	2.43 U	2.42 U	2.25 U	4.52 U	NA	NA	NA	NA	NA	NA	NA
PAH (HMW)	18,000	--	NA	NA	NA	**236**	**1,321**	22.8 U	23.0 U	**597**	NA	NA	NA	NA	NA	NA	**34.1**	**150**	**52.3**	**86.1**	**11.9**	NA	NA	NA	NA	NA	NA	NA
PAH (LMW)	29,000	--	NA	NA	NA	**52.8**	**277**	20.3 U	20.5 U	**105**	NA	NA	NA	NA	NA	NA	18.6 U	**15.0**	**16.0**	**13.7**	**16.7**	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	LMW PAH	--	NA	NA	NA	**12.6**	**53.9 J**	5.07 U	5.12 U	**24.1**	NA	NA	NA	NA	NA	NA	4.65 UJ	**1.14 J**	**2.13 J**	**1.31 J**	**0.924 J**	NA	NA	NA	NA	NA	NA	NA
Phenol	1,880	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	HMW PAH	--	NA	NA	NA	**74.5 J**	**285 J**	5.07 U	5.12 U	**157 J**	NA	NA	NA	NA	NA	NA	4.65 R	**15.1**	**7.33 J**	**6.15 J**	**2.59 J**	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (UG/KG)																												
Aroclor-1260	2,510	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (UG/KG)																												
No Detections	--	--																										
Herbicides (UG/KG)																												
No Detections	--	--																										
Inorganics (MG/KG)																												
Antimony	78.0	2.70	0.49 R	0.485 R	0.472 R	0.476 R	NA	0.49 R	0.495 R	0.472 R	0.467 R	0.495 R	0.495 R	0.467 R	0.481 R	0.481 R	0.495 R	0.5 R	0.495 R	0.495 R	0.476 R	0.49 R	0.5 R	0.5 R	0.481 R	0.232 R	0.49 R	0.476 R
Arsenic	18.0	2.75	**1.52**	**1.86**	**1.05**	**1.39 J**	**1.83 J**	**0.444 J**	**0.411 J**	**0.865 J**	**19.8**	**2.25**	**29.8**	**1.96**	**1.11 J**	**1.09 J**	**3.28**	**0.413 J**	**0.669 J**	**2.51**	**2.43**	**1.29 J**	**5.46 J**	**51.9 J**	**6.34 J**	**8.01**	**0.181 J**	**1.22**
Barium	330	322	**114**	**140**	**81**	**150 J**	**147 J**	**284 J**	**141 J**	**76.6 J**	**113**	**97.6**	**86.3**	**79.6**	**105 J**	**98.7 J**	**63**	**118 J**	**327 J**	**94.2**	**40**	**81 J**	**70.5 J**	**92.8 J**	**58.2 J**	**166**	**64.4**	**138**
Beryllium	40.0	0.676	**0.219 J**	**0.519**	**0.156 J**	**0.292 J**	**0.327 J**	**0.346 J**	**0.401 J**	**0.244 J**	**0.22 J**	**0.198 J**	**0.304 J**	**0.237 J**	**0.307 J**	**0.331 J**	**0.188 J**	**0.304 J**	**0.422 J**	**0.309 J**	**0.207 J**	**0.294 J**	**0.275 J**	**0.325 J**	**0.225 J**	**0.206 J**	**0.116 J**	**0.245 J**
Cadmium	32.0	0.765	**0.883**	**0.491**	**0.178 J**	**0.346 J**	**0.394 J**	**0.31 J**	**0.376 J**	**0.31 J**	**0.423 J**	**0.629**	**0.568**	**0.523**	**0.189 J**	**0.234 J**	**0.305 J**	**0.278 J**	**1.5 J**	**0.259 J**	**0.488**	**0.254 J**	**0.527 J**	**0.279 J**	**0.236 J**	**0.697**	**0.102 J**	**0.404 J**
Chromium	64.0	55.0	**22.8**	**39.1**	**12.7**	**24.9 J**	**19.6 J**	**13.2 J**	**13.8 J**	**30.4 J**	**38.8**	**25.6**	**52**	**18.3**	**43.5 J**	**20.3 J**	**16.4**	**22.2**	**27.3**	**32**	**18.3**	**16.9 J**	**36.6 J**	49.5 R	26.2 R	**14.2**	**11.7**	**23.1**
Cobalt	13.0	52.3	**21.6**	**36.2**	**22.3**	**19.4 J**	**17.4 J**	**22.9 J**	**16.9 J**	**16.9 J**	**23.1**	**21.5**	**12.2**	**16.9**	**24.8 J**	**24.4 J**	**17.2**	**23**	**29.3**	**27.4**	**15.4**	**23.4 J**	**16.4 J**	**19.3 J**	**15.2 J**	**15.8**	**21.5**	**19.6**
Copper	70.0	192	**104**	**113**	**76.9**	**63.5 J**	**77.3 J**	**11.2 J**	**10.2 J**	**82.1 J**	**113**	**83.7**	**141**	**67.8**	**86.6 J**	**87.8 J**	**46.9**	**162**	**116**	**106**	**71.9**	**88.6 J**	**83.8 J**	**106 J**	**79.9 J**	**133**	**59.8**	**73.3**
Lead	120	34.2	**71.1 J**	**88.4 J**	**1.02 J**	**13.3 J**	**27.1 J**	**0.916 J**	**0.967 J**	**16.4 J**	**36 J**	**48 J**	**12 J**	**16.4 J**	**2.32 J**	**2.88 J**	**5.85 J**	1.4 R	10.3 R	**4.27 J**	**2.89 J**	**5.68 J**	**17.8 J**	**9.14 J**	**5.86 J**	**104 J**	**0.493 J**	**47.2 J**
Mercury	0.10	0.131	**0.0588**	**0.0276 J**	0.0099 U	**0.0282 J**	**0.0201 J**	0.0119 U	0.0118 U	**0.0298 J**	**0.0588**	**0.0486**	**0.0167 J**	**0.0322 J**	**0.0089 J**	**0.0538**	**0.0081 J**	0.0119 U	**0.0305 J**	**0.0207 J**	**0.0143 J**	**0.0636**	**0.0258 J**	**0.0222 J**	**0.031 J**	**0.168**	0.011 U	**0.0699**
Nickel	38.0	28.0	**11 J**	**14.5 J**	**11.2 J**	**12.7 J**	**11.1 J**	**10.5 J**	**12.3 J**	**10.5 J**	**15.9 J**	**13.2 J**	**11.1 J**	**12.8 J**	**14.8 J**	**10.6 J**	**15.5 J**	**16.9 J**	**15.9 J**	**13.2 J**	**12.3 J**	**9.59 J**	**13.4 J**	**10.9 J**	**9.35 J**	**8.31 J**	**14.4 J**	**10.3 J**
Selenium	0.52	1.07	**0.37 J**	**0.339 J**	**0.126 J**	**0.232 J**	**0.39 J**	**0.346 J**	**0.27 J**	**0.164 J**	**0.561 J**	**0.434 J**	**0.297 J**	**0.445 J**	**0.593 J**	**0.751 J**	**0.463 J**	**0.33 J**	**0.845 J**	**0.496 J**	**0.439 J**	**0.319 J**	**1.04 J**	**0.959 J**	**1.09 J**	**0.174 J**	**0.151 J**	**0.53 J**
Silver	560	--	**0.0426 J**	**0.0595 J**	**0.0534 J**	**0.0549 J**	**0.0523 J**	**0.126 J**	0.248 UJ	**0.239 J**	**0.0515 J**	**0.0614 J**	0.248 UJ	**0.0634 J**	0.24 UJ	**0.0425 J**	0.248 UJ	0.25 UJ	**0.0419 J**	**0.0417 J**	0.238 UJ	0.245 UJ	0.25 UJ	**0.0423 J**	0.24 UJ	**0.0957 J**	0.245 UJ	**0.0438 J**
Thallium	1.00	--	0.0411 U	**0.0512 J**	**0.0585 J**	**0.0485 J**	**0.0553 J**	**0.102 J**	**0.0251 J**	**0.0541 J**	**0.066 J**	**0.0454 J**	**0.0458 J**	**0.057 J**	**0.0768 J**	**0.09 J**	**0.0628 J**	**0.0312 J**	**0.0402 J**	**0.0828 J**	**0.032 J**	**0.0775 J**	**0.0715 J**	**0.104 J**	**0.0599 J**	0.0521 U	**0.0198 J**	0.0511 U
Tin	50.0	4.25	2.31 U	2.78 U	1.61 U	1.89 UJ	**17.5 J**	6.04 UJ	1.8 UJ	2.6 UJ	2.08 U	4.3 U	2.06 U	2.09 U	1.76 UJ	1.82 UJ	1.78 U	1.57 U	6.06 U	1.79 U	1.53 U	**15.7 J**	2.15 UJ	1.98 UJ	2.3 UJ	**17.6**	1.92 U	2.26 U
Vanadium	130	286	**113 J**	**124 J**	**211 J**	**115 J**	**113 J**	**91.6 J**	**88.2 J**	**104 J**	**129 J**	**120 J**	**87.8 J**	**102 J**	**175 J**	**213 J**	**115 J**	**160 J**	**161 J**	**172 J**	**105 J**	**140 J**	**106 J**	**124 J**	**99.9 J**	**72.1 J**	**138 J**	**122 J**
Zinc	120	132	**234**	**612**	**43.5**	**101 J**	**661 J**	**48 J**	**44.7 J**	**95.7 J**	**106**	**131**	**125**	**71.2**	**47.4 J**	**44.1 J**	**32.3**	65.2 R	785 R	**56.7**	**35.2**	**37.1 J**	**76.8 J**	**52 J**	**47.2 J**	**413**	**38.1**	**116**
Total Petroleum Hydrocarbons																												
TPH-diesel range (UG/KG)	1,300,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range (UG/KG)	210,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Grey highlighting indicates value greater than ESV

Yellow highlighting indicates value equal to ESV

Red highlighting indicates value ≥ ESV and ≥ background UTL; ≥ ESV and no UTL; or ≥ background UTL and no ESV

Bold indicates detections

NSV - No Screening Value

NA - Not analyzed

TABLE 19

Exceedances - SWMU 78 Surface Soil

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Soil ESV	Background UTL	78SB49	78SB50	78SB51	78SB52	78SB53	78SB54	78SB55	78SB56	78SB57	78SB58		78SB59
			78SB49-00	78SB50-00	78SB51-00	78SB52-00	78SB53-00	78SB54-00	78SB55-00	78SB56-00	78SB57-00	78SB58-00	78SB58-00D	78SB59-00
			04/26/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/25/11	09/27/11	09/27/11	09/27/11	09/27/11
Volatile Organic Compounds (UG/KG)														
1,4-Dichlorobenzene	1,280	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	12,600	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2,500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	6.80	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	94.1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	5,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	1,230	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (UG/KG)														
2-Methylnaphthalene	LMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	2.8 U	NA	4.5 UJ
Acenaphthene	LMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	**1.8 J**	NA	4.5 UJ
Acenaphthylene	LMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	2.8 U	NA	4.5 UJ
Anthracene	LMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	**5 J**	NA	**2 J**
Benzo(a)anthracene	HMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**96**	NA	**8.2 J**
Benzo(a)pyrene	HMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**88**	NA	**14 J**
Benzo(b)fluoranthene	HMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**130**	NA	**12 J**
Benzo(g,h,i)perylene	HMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**56**	NA	**52 J**
Benzo(k)fluoranthene	HMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**54**	NA	**8.7 J**
bis(2-Ethylhexyl)phthalate	30,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	HMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**97**	NA	**15 J**
Dibenz(a,h)anthracene	HMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**16**	NA	8.9 UJ
Dibenzofuran	4,600	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	LMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**130**	NA	**18 J**
Fluorene	LMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	**0.97 J**	NA	4.5 UJ
Indeno(1,2,3-cd)pyrene	HMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**69**	NA	**7.5 J**
Naphthalene	LMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	2.8 U	NA	4.5 UJ
PAH (HMW)	18,000	--	NA	NA	NA	NA	NA	NA	NA	NA	21.6 U	**736**	NA	**141**
PAH (LMW)	29,000	--	NA	NA	NA	NA	NA	NA	NA	NA	10.8 U	**177**	NA	**39.4**
Phenanthrene	LMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	2.4 U	**35**	NA	**8.1 J**
Phenol	1,880	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	HMW PAH	--	NA	NA	NA	NA	NA	NA	NA	NA	4.8 U	**130**	NA	**19 J**
Polychlorinated Biphenyls (UG/KG)														
Aroclor-1260	2,510	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (UG/KG)														
No Detections	--	--												
Herbicides (UG/KG)														
No Detections	--	--												
Inorganics (MG/KG)														
Antimony	78.0	2.70	0.472 R	0.624 R	0.655 R	0.578 R	0.59 R	0.544 R	0.59 R	0.589 R	0.559 R	0.656 R	0.61 R	0.526 R
Arsenic	18.0	2.75	**6.36**	**2.74 J**	**0.932 J**	**1.58 J**	**3.18 J**	**5.89 J**	**102 J**	**1.06 J**	**1.09 J**	**1.07 J**	**1.37 J**	**3.58 J**
Barium	330	322	**152**	**65.4 J**	**70.6 J**	**87.7 J**	**83.6 J**	**46.9 J**	**62.7 J**	**84.5 J**	**70.4 J**	**39.5 J**	**74 J**	**54.1 J**
Beryllium	40.0	0.676	**0.37 J**	**0.208 J**	**0.191 J**	**0.207 J**	**0.228 J**	**0.0794 J**	**0.134 J**	**0.173 J**	**0.329 J**	**0.353 J**	**0.343 J**	**0.139 J**
Cadmium	32.0	0.765	**0.991**	**0.35 J**	**0.258 J**	**0.268 J**	**0.306 J**	**0.24 J**	**0.395 J**	**0.365 J**	**0.276 J**	**0.244 J**	**0.256 J**	**0.303 J**
Chromium	64.0	55.0	**37.3**	**22 J**	**18.4 J**	**14.6 J**	**21.8 J**	**17.4 J**	**197 J**	**20.9 J**	**65.3 J**	**107 J**	**79 J**	**14 J**
Cobalt	13.0	52.3	**30.4**	**25.8**	**19.5**	**20.4**	**19.8**	**9.36**	**15.3**	**24.3**	**34.8**	**14.8**	**16.5**	**12.8**
Copper	70.0	192	**104**	**72.1**	**69**	**63.6**	**75.9**	**47.2**	**116**	**96.8**	**41.9**	**52.9**	**67.6**	**34.8**
Lead	120	34.2	**157 J**	**15.6**	**5.96**	**3.54**	**8.43**	**12.2**	**12.7**	**10.8**	**9.6**	**24.7 J**	**47.1 J**	**5.08**
Mercury	0.10	0.131	**0.0983**	**0.0913**	**0.0599**	**0.0291 J**	**0.0516**	**0.0394**	**0.032 J**	**0.0245 J**	**0.0303 J**	**0.0413**	**0.0302 J**	**0.0247 J**
Nickel	38.0	28.0	**16.1 J**	**13.7 J**	**10.1 J**	**8.92 J**	**9.88 J**	**9.14 J**	**10.9 J**	**15.8 J**	**14.5 J**	**19.2 J**	**19.7 J**	**10 J**
Selenium	0.52	1.07	**0.757 J**	**0.861 J**	**0.72 J**	**0.632 J**	**1.02 J**	**0.718 J**	**0.407 J**	**0.386 J**	**0.878 J**	**0.892 J**	**1.11 J**	**0.387 J**
Silver	560	--	**0.136 J**	0.312 UJ	0.327 UJ	0.289 UJ	0.295 UJ	0.272 UJ	0.295 UJ	0.294 UJ	0.279 UJ	0.328 UJ	0.305 UJ	0.263 UJ
Thallium	1.00	--	0.0825 U	**0.0474 J**	**0.0708 J**	**0.0366 J**	**0.0464 J**	**0.0445 J**	**0.0302 J**	**0.0474 J**	**0.047 J**	**0.0288 J**	**0.0296 J**	**0.0174 J**
Tin	50.0	4.25	2.34 U	2.97 U	2.9 U	2.33 U	2.52 U	2.34 U	1.96 U	2.59 U	1.96 U	4.16 U	7.11 U	2.18 U
Vanadium	130	286	**155 J**	**145 J**	**127 J**	**125 J**	**129 J**	**59.2 J**	**86.9 J**	**146 J**	**100 J**	**150 J**	**143 J**	**90 J**
Zinc	120	132	**263**	**45 J**	**46.1 J**	**50.2 J**	**54.6 J**	**28.9 J**	**66.3 J**	**59.3 J**	**29.1 J**	**187 J**	**316 J**	**37.6 J**
Total Petroleum Hydrocarbons														
TPH-diesel range (UG/KG)	1,300,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range (UG/KG)	210,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Grey highlighting indicates value greater than ESV

Yellow highlighting indicates value equal to ESV

Red highlighting indicates value ≥ ESV and ≥ background UTL; ≥ ESV and no UTL; or ≥ background UTL and no ESV

Bold indicates detections

NSV - No Screening Value

NA - Not analyzed

TABLE 20

Ecological Screening Statistics - SWMU 78 Shallow Subsurface Soil

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
Volatile Organic Compounds (UG/KG)																		
1,1,1,2-Tetrachloroethane	0.50 - 1.20	0 / 13	--	--	--	0.39	0.11	--	5,000	-- / --	0.0002	NO	--	-- / --	--	--	--	NO
1,1,1-Trichloroethane	0.46 - 1.10	0 / 13	--	--	--	0.36	0.097	--	1,025	-- / --	0.001	NO	--	-- / --	--	--	--	NO
1,1,2,2-Tetrachloroethane	1.10 - 2.70	0 / 13	--	--	--	0.86	0.24	--	5,000	-- / --	0.001	NO	--	-- / --	--	--	--	NO
1,1,2-Trichloroethane	0.94 - 2.30	0 / 13	--	--	--	0.74	0.21	--	2,000	-- / --	0.001	NO	--	-- / --	--	--	--	NO
1,1-Dichloroethane	0.39 - 0.96	0 / 13	--	--	--	0.31	0.085	--	548	-- / --	0.002	NO	--	-- / --	--	--	--	NO
1,1-Dichloroethene	0.42 - 1.00	0 / 13	--	--	--	0.33	0.087	--	173	-- / --	0.01	NO	--	-- / --	--	--	--	NO
1,2,3-Trichloropropane	1.10 - 2.70	0 / 13	--	--	--	0.86	0.24	--	1,150	-- / --	0.002	NO	--	-- / --	--	--	--	NO
1,2,4-Trichlorobenzene	7.90 - 8.90	0 / 13	--	--	--	4.22	0.17	--	1,270	-- / --	0.01	NO	--	-- / --	--	--	--	NO
1,2-Dibromo-3-chloropropane	2.20 - 5.40	0 / 13	--	--	--	1.73	0.48	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
1,2-Dibromoethane	1.20 - 2.90	0 / 13	--	--	--	0.93	0.25	--	300	-- / --	0.01	NO	--	-- / --	--	--	--	NO
1,2-Dichlorobenzene	7.50 - 8.40	0 / 13	--	--	--	3.99	0.16	--	1,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
1,2-Dichloroethane	0.79 - 1.90	0 / 13	--	--	--	0.62	0.17	--	2,190	-- / --	0.001	NO	--	-- / --	--	--	--	NO
1,2-Dichloropropane	0.86 - 2.10	0 / 13	--	--	--	0.68	0.19	--	38,800	-- / --	0.0001	NO	--	-- / --	--	--	--	NO
1,3-Dichlorobenzene	6.40 - 7.20	0 / 13	--	--	--	3.42	0.13	--	1,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
1,4-Dichlorobenzene	6.60 - 7.50	1 / 13	7.80	7.80	78SB05-01	3.85	1.19	--	1,280	0 / 13	0.01	NO	--	-- / --	--	--	--	NO
2-Butanone	2.30 - 37.0	0 / 13	--	--	--	4.01	5.43	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Chloro-1,3-butadiene	0.45 - 1.10	0 / 13	--	--	--	0.35	0.099	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Hexanone	1.60 - 4.00	0 / 13	--	--	--	1.29	0.36	--	12,600	-- / --	0.0003	NO	--	-- / --	--	--	--	NO
4-Methyl-2-pentanone	2.30 - 5.50	0 / 13	--	--	--	1.79	0.48	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Acetone	14.0 - 25.0	10 / 13	8.10	180	78SB01-01	43.7	59.4	--	2,500	0 / 13	0.07	NO	--	-- / --	--	--	--	NO
Acetonitrile	35.0 - 86.0	0 / 13	--	--	--	27.8	7.59	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Acrolein	15.0 - 36.0	0 / 13	--	--	--	11.7	3.23	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Acrylonitrile	18.0 - 44.0	0 / 13	--	--	--	14.2	3.86	--	200,000	-- / --	0.0002	NO	--	-- / --	--	--	--	NO
Allyl chloride	1.20 - 2.90	0 / 13	--	--	--	0.93	0.25	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Benzene	0.62 - 1.50	0 / 13	--	--	--	0.49	0.13	--	6.80	-- / --	0.22	NO	--	-- / --	--	--	--	NO
Bromodichloromethane	0.65 - 1.60	0 / 13	--	--	--	0.51	0.14	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Bromoform	0.86 - 2.10	0 / 13	--	--	--	0.68	0.19	--	300	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Bromomethane	1.30 - 3.10	0 / 13	--	--	--	0.99	0.27	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Carbon disulfide	0.40 - 0.97	0 / 13	--	--	--	0.31	0.085	--	94.1	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Carbon tetrachloride	0.79 - 1.90	0 / 13	--	--	--	0.62	0.17	--	3,400	-- / --	0.001	NO	--	-- / --	--	--	--	NO
Chlorobenzene	0.57 - 1.40	0 / 13	--	--	--	0.45	0.13	--	2,400	-- / --	0.001	NO	--	-- / --	--	--	--	NO
Chloroethane	0.94 - 2.30	0 / 13	--	--	--	0.74	0.21	--	5,000	-- / --	0.0005	NO	--	-- / --	--	--	--	NO
Chloroform	0.39 - 0.96	0 / 13	--	--	--	0.31	0.085	--	1,844	-- / --	0.001	NO	--	-- / --	--	--	--	NO
Chloromethane	0.56 - 1.40	0 / 13	--	--	--	0.44	0.12	--	5,000	-- / --	0.0003	NO	--	-- / --	--	--	--	NO
cis-1,3-Dichloropropene	0.68 - 1.70	0 / 13	--	--	--	0.54	0.15	--	5,000	-- / --	0.0003	NO	--	-- / --	--	--	--	NO
Dibromochloromethane	0.39 - 0.96	0 / 13	--	--	--	0.31	0.085	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Dibromomethane	0.94 - 2.30	0 / 13	--	--	--	0.74	0.21	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Dichlorodifluoromethane (Freon-12)	0.70 - 1.70	0 / 13	--	--	--	0.55	0.15	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Ethylbenzene	0.59 - 1.40	0 / 13	--	--	--	0.46	0.12	--	18.0	-- / --	0.08	NO	--	-- / --	--	--	--	NO
Ethyl methacrylate	1.70 - 4.20	0 / 13	--	--	--	1.35	0.37	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Iodomethane	0.79 - 1.90	2 / 13	4.70	12.0	78SB02-01	1.83	3.26	--	1,230	0 / 13	0.01	NO	--	-- / --	--	--	--	NO
Isobutanol	54.0 - 130	0 / 10	--	--	--	44.4	12.6	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methacrylonitrile	19.0 - 46.0	0 / 13	--	--	--	14.8	4.02	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methyl methacrylate	2.90 - 7.10	0 / 13	--	--	--	2.29	0.63	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methylene chloride	0.79 - 1.90	0 / 13	--	--	--	0.62	0.17	--	1,250	-- / --	0.002	NO	--	-- / --	--	--	--	NO

TABLE 20

Ecological Screening Statistics - SWMU 78 Shallow Subsurface Soil

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
Propionitrile	16.0 - 40.0	0 / 13	--	--	--	12.9	3.59	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Styrene	0.52 - 1.30	0 / 13	--	--	--	0.41	0.11	--	64,000	-- / --	0.00002	NO	--	-- / --	--	--	--	NO
Tetrachloroethene	0.57 - 1.40	0 / 13	--	--	--	0.45	0.13	--	200	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Toluene	0.62 - 1.50	0 / 13	--	--	--	0.49	0.13	--	40,000	-- / --	0.00004	NO	--	-- / --	--	--	--	NO
trans-1,2-Dichloroethene	0.76 - 1.90	0 / 13	--	--	--	0.60	0.17	--	447	-- / --	0.004	NO	--	-- / --	--	--	--	NO
trans-1,3-Dichloropropene	0.68 - 1.70	0 / 13	--	--	--	0.54	0.15	--	5,000	-- / --	0.000	NO	--	-- / --	--	--	--	NO
trans-1,4-Dichloro-2-butene	2.40 - 5.90	0 / 13	--	--	--	1.91	0.52	--	200,000	-- / --	0.00003	NO	--	-- / --	--	--	--	NO
Trichloroethene	0.79 - 1.90	0 / 13	--	--	--	0.62	0.17	--	10.0	-- / --	0.19	NO	--	-- / --	--	--	--	NO
Trichlorofluoromethane (Freon-11)	1.20 - 2.90	0 / 13	--	--	--	0.93	0.25	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Vinyl acetate	1.20 - 2.90	0 / 13	--	--	--	0.93	0.25	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Vinyl chloride	0.46 - 1.10	0 / 13	--	--	--	0.36	0.097	--	412	-- / --	0.003	NO	--	-- / --	--	--	--	NO
Xylene, total	1.80 - 4.40	0 / 13	--	--	--	1.42	0.39	--	2,400	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Semivolatile Organic Compounds (UG/KG)																		
1,1-Biphenyl	7.90 - 8.90	0 / 13	--	--	--	4.22	0.17	--	13,600	-- / --	0.001	NO	--	-- / --	--	--	--	NO
1,2,4,5-Tetrachlorobenzene	6.70 - 7.60	0 / 13	--	--	--	3.59	0.14	--	260	-- / --	0.03	NO	--	-- / --	--	--	--	NO
1,3,5-Trinitrobenzene	18.0 - 20.0	0 / 13	--	--	--	9.65	0.38	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
1,3-Dinitrobenzene	4.20 - 4.70	0 / 13	--	--	--	2.22	0.090	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
1,4-Dioxane	8.50 - 9.60	0 / 13	--	--	--	4.55	0.18	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
1,4-Naphthoquinone	4.20 - 4.70	0 / 13	--	--	--	2.22	0.090	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2,2'-Oxybis(1-chloropropane)	6.70 - 7.60	0 / 13	--	--	--	3.59	0.14	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2,3,4,6-Tetrachlorophenol	4.50 - 5.10	0 / 13	--	--	--	2.39	0.095	--	500	-- / --	0.01	NO	--	-- / --	--	--	--	NO
2,4,5-Trichlorophenol	7.30 - 8.20	0 / 13	--	--	--	3.87	0.16	--	1,350	-- / --	0.01	NO	--	-- / --	--	--	--	NO
2,4,6-Trichlorophenol	8.40 - 9.50	0 / 13	--	--	--	4.50	0.18	--	580	-- / --	0.02	NO	--	-- / --	--	--	--	NO
2,4-Dichlorophenol	8.60 - 9.80	0 / 13	--	--	--	4.61	0.19	--	500	-- / --	0.02	NO	--	-- / --	--	--	--	NO
2,4-Dimethylphenol	18.0 - 20.0	0 / 13	--	--	--	9.65	0.38	--	1,000	-- / --	0.02	NO	--	-- / --	--	--	--	NO
2,4-Dinitrophenol	89.0 - 100	0 / 13	--	--	--	47.3	1.91	--	20,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
2,4-Dinitrotoluene	6.30 - 7.10	0 / 13	--	--	--	3.36	0.14	--	11,000	-- / --	0.001	NO	--	-- / --	--	--	--	NO
2,6-Dichlorophenol	6.80 - 7.70	0 / 13	--	--	--	3.65	0.15	--	500	-- / --	0.02	NO	--	-- / --	--	--	--	NO
2,6-Dinitrotoluene	6.60 - 7.50	0 / 13	--	--	--	3.53	0.14	--	8,500	-- / --	0.001	NO	--	-- / --	--	--	--	NO
2-Acetylaminofluorene	5.40 - 6.10	0 / 13	--	--	--	2.90	0.11	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Chloronaphthalene	6.60 - 7.50	0 / 13	--	--	--	3.53	0.14	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
2-Chlorophenol	7.00 - 8.00	0 / 13	--	--	--	3.76	0.16	--	500	-- / --	0.02	NO	--	-- / --	--	--	--	NO
2-Methyl-5-nitroaniline	6.40 - 7.20	0 / 13	--	--	--	3.42	0.13	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Methylaniline	9.90 - 11.0	0 / 13	--	--	--	5.27	0.26	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Methylnaphthalene	1.80 - 2.90	0 / 26	--	--	--	1.07	0.13	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
2-Methylphenol	8.60 - 9.80	0 / 13	--	--	--	4.61	0.19	--	1,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
2-Naphthylamine	21.0 - 24.0	0 / 13	--	--	--	11.4	0.51	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Nitroaniline	6.90 - 7.80	0 / 13	--	--	--	3.70	0.15	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
2-Nitrophenol	7.80 - 8.80	0 / 13	--	--	--	4.17	0.17	--	1,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
2-Picoline	13.0 - 14.0	0 / 13	--	--	--	6.77	0.26	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
3- and 4-Methylphenol	7.80 - 8.80	0 / 13	--	--	--	4.17	0.17	--	1,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
3,3'-Dichlorobenzidine	9.80 - 11.0	0 / 13	--	--	--	5.22	0.27	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
3,3'-Dimethylbenzidine	190 - 220	0 / 13	--	--	--	102	4.84	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
3-Methylcholanthrene	6.50 - 7.40	0 / 13	--	--	--	3.48	0.14	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
3-Nitroaniline	4.80 - 5.40	0 / 13	--	--	--	2.57	0.10	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
4,6-Dinitro-2-methylphenol	6.20 - 7.00	0 / 13	--	--	--	3.30	0.14	--	1,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO

TABLE 20

Ecological Screening Statistics - SWMU 78 Shallow Subsurface Soil

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
4-Aminobiphenyl	14.0 - 16.0	0 / 13	--	--	--	7.38	0.36	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
4-Bromophenyl-phenylether	7.60 - 8.60	0 / 13	--	--	--	4.05	0.17	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
4-Chloro-3-methylphenol	8.00 - 9.00	0 / 13	--	--	--	4.27	0.17	--	500	-- / --	0.02	NO	--	-- / --	--	--	--	NO
4-Chloroaniline	6.40 - 7.20	0 / 13	--	--	--	3.42	0.13	--	500	-- / --	0.01	NO	--	-- / --	--	--	--	NO
4-Chlorophenyl-phenylether	6.60 - 7.50	0 / 13	--	--	--	3.53	0.14	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
4-Nitroaniline	8.20 - 9.30	0 / 13	--	--	--	4.38	0.18	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
4-Nitrophenol	35.0 - 40.0	0 / 13	--	--	--	18.8	0.85	--	380	-- / --	0.11	NO	--	-- / --	--	--	--	NO
7,12-Dimethylbenz(a)anthracene	9.90 - 11.0	0 / 13	--	--	--	5.27	0.26	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
a,a-Dimethylphenethylamine	63.0 - 71.0	0 / 13	--	--	--	33.6	1.44	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Acenaphthene	0.61 - 2.90	0 / 26	--	--	--	0.75	0.44	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Acenaphthylene	1.80 - 2.90	0 / 26	--	--	--	1.07	0.13	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Acetophenone	9.20 - 10.0	0 / 13	--	--	--	4.86	0.15	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Aniline	6.70 - 7.60	0 / 13	--	--	--	3.59	0.14	--	6,400	-- / --	0.001	NO	--	-- / --	--	--	--	NO
Anthracene	1.80 - 2.90	2 / 26	2.04	5.00	78SB59-01	1.25	0.80	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Aramite	12.0 - 13.0	0 / 13	--	--	--	6.23	0.26	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Benzo(a)anthracene	1.80 - 5.80	3 / 26	24.2	87.9	78SB24-01	6.86	18.0	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzo(a)pyrene	0.70 - 5.80	3 / 26	19.7	114	78SB24-01	7.28	22.6	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzo(b)fluoranthene	0.81 - 5.80	4 / 26	4.08	165	78SB24-01	10.3	32.9	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzo(g,h,i)perylene	1.80 - 5.80	6 / 26	1.99	71.1	78SB24-01	5.83	14.2	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzo(k)fluoranthene	1.10 - 5.80	4 / 26	2.47	93.2	78SB24-01	6.61	18.9	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Benzyl alcohol	8.50 - 9.60	1 / 13	10.0	10.0	78SB03-01	4.97	1.52	--	65,800	0 / 13	0.0002	NO	--	-- / --	--	--	--	NO
bis(2-Chloroethoxy)methane	7.30 - 8.20	0 / 13	--	--	--	3.87	0.16	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
bis(2-Chloroethyl)ether	6.10 - 6.90	0 / 13	--	--	--	3.25	0.13	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
bis(2-Ethylhexyl)phthalate	5.10 - 18.0	2 / 13	10.0	11.0	78SB05-01	7.05	2.61	--	30,000	0 / 13	0.0004	NO	--	-- / --	--	--	--	NO
Butylbenzylphthalate	7.70 - 8.70	0 / 13	--	--	--	4.10	0.16	--	30,000	-- / --	0.0003	NO	--	-- / --	--	--	--	NO
Chrysene	0.65 - 5.80	4 / 26	2.34	169	78SB24-01	10.3	33.7	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Dibenz(a,h)anthracene	0.63 - 5.80	3 / 26	3.33	24.2	78SB24-01	2.33	4.64	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Dibenzofuran	4.50 - 5.10	0 / 13	--	--	--	2.39	0.095	--	4,600	-- / --	0.001	NO	--	-- / --	--	--	--	NO
Diethylphthalate	12.0 - 13.0	0 / 13	--	--	--	6.23	0.26	--	26,800	-- / --	0.0005	NO	--	-- / --	--	--	--	NO
Dimethoate	3.50 - 4.00	0 / 13	--	--	--	1.88	0.085	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Dimethyl phthalate	6.80 - 7.70	0 / 13	--	--	--	3.65	0.15	--	10,640	-- / --	0.001	NO	--	-- / --	--	--	--	NO
Di-n-butylphthalate	27.0 - 56.0	0 / 13	--	--	--	15.3	3.85	--	40,000	-- / --	0.001	NO	--	-- / --	--	--	--	NO
Di-n-octylphthalate	3.50 - 4.00	0 / 13	--	--	--	1.88	0.085	--	30,000	-- / --	0.0001	NO	--	-- / --	--	--	--	NO
Ethyl methanesulfonate	12.0 - 13.0	0 / 13	--	--	--	6.23	0.26	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Famphur	3.80 - 4.30	0 / 13	--	--	--	2.05	0.078	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Fluoranthene	1.80 - 5.80	6 / 26	1.34	57.6	78SB24-01	5.84	13.9	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Fluorene	0.82 - 2.90	2 / 26	0.72	0.91	78SB59-01	0.78	0.37	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Hexachlorobenzene	7.30 - 8.20	0 / 13	--	--	--	3.87	0.16	--	1,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Hexachlorobutadiene	9.70 - 11.0	0 / 13	--	--	--	5.17	0.27	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Hexachlorocyclopentadiene	15.0 - 17.0	0 / 13	--	--	--	8.00	0.35	--	2,000	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Hexachloroethane	7.90 - 8.90	0 / 13	--	--	--	4.22	0.17	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Hexachlorophene	890 - 1,000	0 / 8	--	--	--	477	20.0	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Hexachloropropene	7.70 - 8.70	0 / 13	--	--	--	4.10	0.16	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Indeno(1,2,3-cd)pyrene	1.30 - 5.80	7 / 26	6.65	81.7	78SB24-01	6.84	16.3	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Isophorone	6.60 - 7.50	0 / 13	--	--	--	3.53	0.14	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Isosafrole	7.60 - 8.60	0 / 13	--	--	--	4.05	0.17	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO

TABLE 20
Ecological Screening Statistics - SWMU 78 Shallow Subsurface Soil
RCRA Facility Investigation - SWMU 78
Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
Methapyrilene	9.90 - 11.0	0 / 13	--	--	--	5.27	0.26	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methyl methanesulfonate	9.90 - 11.0	0 / 13	--	--	--	5.27	0.26	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Naphthalene	0.64 - 2.90	1 / 26	0.67	0.67	78SB13-01	0.77	0.42	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
n-Nitrosodiethylamine	13.0 - 14.0	0 / 13	--	--	--	6.77	0.26	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitrosodimethylamine	10.0 - 12.0	0 / 13	--	--	--	5.62	0.30	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitroso-di-n-butylamine	9.70 - 11.0	0 / 13	--	--	--	5.17	0.27	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitroso-di-n-propylamine	6.90 - 7.80	0 / 13	--	--	--	3.70	0.15	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitrosodiphenylamine	7.60 - 8.60	0 / 13	--	--	--	4.05	0.17	--	1,090	-- / --	0.008	NO	--	-- / --	--	--	--	NO
N-Nitrosomorpholine	7.00 - 8.00	0 / 13	--	--	--	3.76	0.16	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitroso-n-methylethylamine	6.10 - 6.90	0 / 13	--	--	--	3.25	0.13	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
N-Nitrosopiperidine	9.10 - 10.0	0 / 13	--	--	--	4.82	0.17	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
n-Nitrosopyrrolidine	9.50 - 11.0	0 / 13	--	--	--	5.07	0.26	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Nitrobenzene	7.40 - 8.30	0 / 13	--	--	--	3.93	0.16	--	2,260	-- / --	0.004	NO	--	-- / --	--	--	--	NO
O,O,O-Triethyl phosphorothioate	17.0 - 19.0	0 / 13	--	--	--	9.12	0.36	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
p-Dimethylaminoazobenzene	7.60 - 8.60	0 / 13	--	--	--	4.05	0.17	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
PAH (HMW)	5.30 - 26.1	7 / 26	24.9	979	78SB24-01	63.0	196	--	18,000	0 / 26	0.05	NO	--	-- / --	--	--	--	NO
PAH (LMW)	8.84 - 13.1	7 / 26	8.94	74.7	78SB24-01	11.7	18.7	--	29,000	0 / 26	0.003	NO	--	-- / --	--	--	--	NO
Pentachlorobenzene	6.60 - 7.50	0 / 13	--	--	--	3.53	0.14	--	1,150	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Pentachloronitrobenzene	6.30 - 7.10	0 / 12	--	--	--	3.35	0.15	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Pentachlorophenol	8.90 - 10.0	0 / 13	--	--	--	4.73	0.19	--	5,000	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Phenacetin	5.00 - 5.70	0 / 13	--	--	--	2.67	0.10	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Phenanthrene	1.80 - 2.90	3 / 26	2.26	16.0	78SB59-01	2.02	3.34	--	LMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Phenol	5.10 - 5.80	0 / 13	--	--	--	2.73	0.12	--	1,880	-- / --	0.003	NO	--	-- / --	--	--	--	NO
Phorate	8.70 - 9.90	0 / 13	--	--	--	4.67	0.19	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
p-Phenylenediamine	170 - 190	0 / 13	--	--	--	91.2	3.63	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Pronamide	9.60 - 11.0	0 / 13	--	--	--	5.16	0.29	--	13.6	-- / --	0.81	NO	--	-- / --	--	--	--	NO
Pyrene	1.80 - 5.80	6 / 26	2.71	173	78SB24-01	10.5	34.2	--	HMW PAH	-- / --	--	NO	--	-- / --	--	--	--	NO
Pyridine	12.0 - 13.0	0 / 13	--	--	--	6.23	0.26	--	2,240	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Safrole	8.90 - 10.0	0 / 13	--	--	--	4.73	0.19	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Polychlorinated Biphenyls (UG/KG)																		
Aroclor-1016	4.00 - 4.60	0 / 13	--	--	--	2.16	0.10	--	2,510	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Aroclor-1221	14.0 - 16.0	0 / 13	--	--	--	7.38	0.36	--	2,510	-- / --	0.01	NO	--	-- / --	--	--	--	NO
Aroclor-1232	7.90 - 9.10	0 / 13	--	--	--	4.26	0.20	--	2,510	-- / --	0.004	NO	--	-- / --	--	--	--	NO
Aroclor-1242	5.10 - 5.80	0 / 13	--	--	--	2.73	0.12	--	2,510	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Aroclor-1248	5.40 - 6.20	0 / 13	--	--	--	2.91	0.13	--	2,510	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Aroclor-1254	2.40 - 2.80	0 / 13	--	--	--	1.31	0.067	--	2,510	-- / --	0.001	NO	--	-- / --	--	--	--	NO
Aroclor-1260	5.10 - 5.80	0 / 13	--	--	--	2.73	0.12	--	2,510	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Pesticides (UG/KG)																		
Disulfoton	6.30 - 7.10	0 / 13	--	--	--	3.36	0.14	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Methyl parathion	3.50 - 4.00	0 / 13	--	--	--	1.88	0.085	--	2,000	-- / --	0.002	NO	--	-- / --	--	--	--	NO
Parathion	8.20 - 9.30	0 / 13	--	--	--	4.38	0.18	--	2,000	-- / --	0.005	NO	--	-- / --	--	--	--	NO
Sulfotepp	9.60 - 11.0	0 / 13	--	--	--	5.16	0.29	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Thionazin	9.80 - 11.0	0 / 13	--	--	--	5.22	0.27	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Herbicides (UG/KG)																		
Diallate	10.0 - 12.0	0 / 13	--	--	--	5.50	0.29	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO
Dinoseb	18.0 - 20.0	0 / 13	--	--	--	9.65	0.38	--	NSV	-- / --	NSV	NO	--	-- / --	--	--	--	NO

TABLE 20

Ecological Screening Statistics - SWMU 78 Shallow Subsurface Soil

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Minimum Concentration Detected	Maximum Concentration Detected	Maximum Detected Concentration	Arithmetic Mean	Standard Deviation of Mean	95% UCL	ESV	Frequency of Exceedance[1]	Maximum Hazard Quotient[2]	Step 2 COPC?	Background UTL	Frequency of UTL Exceedance	Maximum Ratio	95% UCL Hazard Quotient	Mean Hazard Quotient	COPC for Risk Evaluation?
Inorganics (MG/KG)																		
Antimony	0.072 - 0.40	0 / 13	--	--	--	0.069	0.059	--	78.0	-- / --	0.005	NO	--	-- / --	--	--	--	NO
Arsenic	0.25 - 0.54	33 / 37	0.16	4.29	78SB31-01	0.99	0.99	--	18.0	0 / 37	0.24	NO	--	-- / --	--	--	--	NO
Barium	-- - --	37 / 37	20.0	450	78SB10-01	90.2	85.2	113	330	1 / 37	1.36	**YES**	241	2 / 37	1.87	0.34	0.27	NO
Beryllium	-- - --	37 / 37	0.047	0.50	78SB58-01	0.21	0.084	--	40.0	0 / 37	0.01	NO	--	-- / --	--	--	--	NO
Cadmium	-- - --	37 / 37	0.034	3.70	78SB02-01	0.31	0.59	--	32.0	0 / 37	0.12	NO	--	-- / --	--	--	--	NO
Chromium	-- - --	37 / 37	5.60	32.0	78SB13-01	15.9	5.84	--	64.0	0 / 37	0.50	NO	--	-- / --	--	--	--	NO
Cobalt	-- - --	37 / 37	7.90	59.7	78SB27-01	22.3	10.0	--	13.0	31 / 37	4.59	**YES**	97.4	0 / 37	0.61	--	--	NO
Copper	-- - --	37 / 37	16.1	624	78SB27-01	92.3	102	116	70.0	18 / 37	8.91	**YES**	141	4 / 37	4.43	1.65	1.32	**YES**
Lead	0.29 - 0.46	30 / 32	0.50	15.8	78SB28-01	2.79	3.48	--	120	0 / 32	0.13	NO	--	-- / --	--	--	--	NO
Mercury	0.0037 - 0.012	12 / 37	0.0084	0.046	78SB37-01	0.011	0.013	--	0.10	0 / 37	0.46	NO	--	-- / --	--	--	--	NO
Nickel	-- - --	37 / 37	5.70	40.4	78SB27-01	13.9	6.80	15.8	38.0	1 / 37	1.06	**YES**	30.5	1 / 37	1.32	0.41	0.37	NO
Selenium	0.11 - 1.25	13 / 37	0.15	0.86	78SB40-01	0.23	0.22	--	0.52	2 / 37	1.66	**YES**	0.961	0 / 37	0.90	--	--	NO
Silver	0.23 - 0.35	23 / 37	0.022	0.21	78SB31-01	0.088	0.050	--	560	0 / 37	0.0004	NO	--	-- / --	--	--	--	NO
Thallium	0.065 - 0.25	22 / 37	0.019	0.35	78SB09-01	0.066	0.060	--	1.00	0 / 37	0.35	NO	--	-- / --	--	--	--	NO
Tin	1.61 - 4.50	0 / 37	--	--	--	1.42	0.55	--	50.0	-- / --	0.09	NO	--	-- / --	--	--	--	NO
Vanadium	-- - --	37 / 37	70.0	780	78SB39-01	159	120	193	130	18 / 37	6.00	**YES**	296	2 / 37	2.64	1.48	1.22	**YES**
Zinc	-- - --	37 / 37	19.0	105	78SB39-01	49.5	20.0	--	120	0 / 37	0.88	NO	--	-- / --	--	--	--	NO
Total Petroleum Hydrocarbons																		
TPH-diesel range (UG/KG)	660 - 2,100	12 / 15	830	180,000	78SB01-01	14,541	45,911	--	1,300,000	0 / 15	0.14	NO	--	-- / --	--	--	--	NO
TPH-gas range (UG/KG)	56.0 - 82.0	4 / 13	99.0	200	78SB05-01	65.6	53.0	--	210,000	0 / 13	0.001	NO	--	-- / --	--	--	--	NO

NSV - No Screening Value

[1] Count of detected samples exceeding or equaling Screening Value

[2] Shaded cells indicate hazard quotient based on reporting limits

TABLE 21

Exceedances - SWMU 78 Shallow Subsurface Soil

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Soil ESV	Background UTL	78SB01	78SB02	78SB03		78SB04	78SB05	78SB06	78SB07	78SB08	78SB09	78SB10	78SB13	78SB15	78SB16	78SB17		78SB18	78SB21	78SB22	78SB23		78SB24
			78SB01-01	78SB02-01	78SB03-01	78SB03-01D	78SB04-01	78SB05-01	78SB06-01	78SB07-01	78SB08-01	78SB09-01	78SB10-01	78SB13-01	78SB15-01	78SB16-01	78SB17-01	78SB17-01D	78SB18-01	78SB21-01	78SB22-01	78SB23-01	78SB23-01D	78SB24-01
			05/31/08	05/30/08	05/31/08	05/31/08	05/30/08	05/30/08	05/30/08	05/30/08	05/30/08	05/29/08	05/29/08	05/29/08	05/30/08	05/30/08	04/27/11	04/27/11	04/27/11	04/27/11	04/27/11	04/26/11	04/26/11	04/26/11
Volatile Organic Compounds (UG/KG)																								
1,4-Dichlorobenzene	1,280	--	7 U	7.5 U	7 U	7 U	6.6 U	**7.8 J**	7.4 U	6.9 U	7.3 U	6.8 U	7.3 U	6.7 U	7.1 U	6.9 U	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2,500	--	**180 J**	**170 J**	21 UJ	15 UJ	14 UJ	**48 J**	**26 J**	25 UJ	**34 J**	**19 J**	**8.1 J**	**15 J**	**14 J**	**24 J**	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	1,230	--	**4.7 J**	**12 J**	1.1 U	1.1 U	0.79 UJ	1.2 U	1.9 U	1.4 UJ	1.3 U	1.9 U	1.1 U	0.86 U	1.2 U	1.3 U	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (UG/KG)																								
Anthracene	LMW PAH	--	1.9 U	2 U	1.9 U	1.9 U	1.8 U	2 U	2 U	1.9 U	2 U	1.9 U	2 U	1.8 U	2 U	1.9 U	2.17 U	2.17 U	2.26 U	NA	NA	2.16 U	2.18 U	**2.04 J**
Benzo(a)anthracene	HMW PAH	--	1.9 U	2 U	1.9 U	1.9 U	1.8 U	2 U	2 U	1.9 U	2 U	1.9 U	2 U	1.8 U	2 U	1.9 U	4.33 U	4.34 U	4.51 U	NA	NA	**24.2 J**	**2.19 J**	**87.9 J**
Benzo(a)pyrene	HMW PAH	--	0.74 U	0.8 U	0.74 U	0.75 U	0.7 U	0.78 UJ	0.79 UJ	0.73 U	0.77 UJ	0.73 U	0.78 U	0.71 U	0.76 U	0.73 U	4.33 U	4.34 U	4.51 U	NA	NA	**19.7 J**	**3.15 J**	**114 J**
Benzo(b)fluoranthene	HMW PAH	--	0.85 UJ	0.92 U	0.85 UJ	0.86 UJ	0.81 U	0.9 U	0.91 U	0.84 UJ	0.89 U	0.84 U	0.9 U	0.82 U	0.88 U	0.84 U	4.33 U	4.34 U	4.51 U	NA	NA	**36.3 J**	**5.02 J**	**165 J**
Benzo(g,h,i)perylene	HMW PAH	--	1.9 UJ	2 UJ	1.9 UJ	1.9 UJ	1.8 UJ	2 U	2 U	1.9 UJ	2 U	1.9 UJ	2 U	1.8 UJ	2 U	1.9 U	**3.24 J**	**1.96 J**	**7.07 J**	NA	NA	**15.7 J**	**6.36 J**	**71.1 J**
Benzo(k)fluoranthene	HMW PAH	--	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.2 UJ	1.2 UJ	1.1 U	1.2 UJ	1.1 U	1.2 U	1.1 U	1.2 U	1.1 U	4.33 U	4.34 U	4.51 U	NA	NA	**34.3 J**	**3.61 J**	**93.2 J**
Benzyl alcohol	65,800	--	9 U	9.6 U	**10 J**	9.1 U	8.5 U	9.4 U	9.6 U	8.9 U	9.4 U	8.8 U	9.4 UJ	8.6 UJ	9.2 UJ	8.9 U	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	30,000	--	13 U	18 U	12 U	17 U	5.1 U	**11 J**	5.8 U	18 U	**10 J**	12 U	9.4 U	17 U	12 U	14 U	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	HMW PAH	--	0.69 U	0.74 U	0.69 U	0.69 U	0.65 U	0.72 U	0.73 U	0.68 U	0.71 U	0.67 U	0.72 U	0.66 U	0.7 U	0.68 U	4.33 U	4.34 U	4.51 U	NA	NA	**40.6 J**	**3.28 J**	**169 J**
Dibenz(a,h)anthracene	HMW PAH	--	0.66 U	0.71 U	0.66 U	0.67 U	0.63 U	0.7 U	0.71 U	0.65 U	0.69 U	0.65 U	0.7 UJ	0.63 U	0.68 U	0.65 U	4.33 U	4.34 U	4.51 U	NA	NA	**3.33 J**	4.36 U	**24.2 J**
Fluoranthene	LMW PAH	--	1.9 U	2 U	1.9 U	1.9 U	1.8 U	2 U	2 U	1.9 U	2 U	1.9 U	2 U	1.8 U	2 U	1.9 U	**1.34 J**	4.34 U	**1.99 J**	NA	NA	**12.6 J**	**3.55 J**	**57.6 J**
Fluorene	LMW PAH	--	0.87 U	0.93 U	0.86 U	0.87 U	0.82 U	0.91 U	0.92 U	0.85 U	0.9 U	0.85 U	0.91 U	0.83 U	0.89 U	0.85 U	2.17 U	2.17 U	2.26 U	NA	NA	2.16 U	2.18 U	**0.715 J**
Indeno(1,2,3-cd)pyrene	HMW PAH	--	1.3 U	1.4 U	1.3 U	1.4 U	1.3 U	1.4 UJ	1.4 U	1.3 U	1.4 U	1.3 UJ	1.4 UJ	1.3 UJ	1.4 UJ	1.3 U	**6.65 J**	4.34 U	**7.46 J**	NA	NA	**21.5**	**10.1**	**81.7 J**
Naphthalene	LMW PAH	--	0.67 UJ	0.72 UJ	0.67 UJ	0.68 UJ	0.64 UJ	0.71 U	0.72 U	0.67 UJ	0.7 U	0.66 U	0.71 U	**0.67 J**	0.69 U	0.67 U	2.17 U	2.17 U	2.26 U	NA	NA	2.16 U	2.18 U	2.26 UJ
PAH (HMW)	18,000	--	5.52 U	5.89 U	5.52 U	5.59 U	5.30 U	5.85 U	5.87 U	5.5 U	5.83 U	5.50 U	5.85 U	5.31 U	5.81 U	5.50 U	**26.0**	**19.3**	**31.4**	NA	NA	**218**	**40.7**	**979**
PAH (LMW)	29,000	--	9.34 U	9.92 U	9.34 U	9.35 U	8.84 U	9.80 U	9.86 U	9.28 U	9.79 U	9.22 U	9.80 U	**9.24**	9.67 U	9.28 U	**8.94**	9.77 U	**9.90**	NA	NA	**21.3**	**11.9**	**74.7**
Phenanthrene	LMW PAH	--	1.9 U	2 U	1.9 U	1.9 U	1.8 U	2 U	2 U	1.9 U	2 U	1.9 U	2 U	1.8 U	2 U	1.9 U	2.17 U	2.17 U	2.26 U	NA	NA	**2.26 J**	**1.78 J**	**9.87 J**
Pyrene	HMW PAH	--	1.9 U	2 U	1.9 U	1.9 U	1.8 U	2 U	2 U	1.9 U	2 U	1.9 U	2 U	1.8 U	2 U	1.9 U	**3.07 J**	4.34 U	**3.36 J**	NA	NA	**22 J**	**4.79 J**	**173 J**
Polychlorinated Biphenyls (UG/KG)																								
No Detections	--	--																						
Pesticides (UG/KG)																								
No Detections	--	--																						
Herbicides (UG/KG)																								
No Detections	--	--																						
Inorganics (MG/KG)																								
Arsenic	18.0	3.59	**0.7**	**1.5**	**0.96**	**0.87**	**0.95**	**0.68**	**0.61**	**0.65**	**0.66**	0.36 U	0.54 U	**1**	0.52 U	**1.4**	**0.398 J**	**0.416 J**	**0.5 J**	**0.436 J**	**0.473 J**	**0.654 J**	**0.824 J**	**0.539 J**
Barium	330	241	**38**	**41**	**86**	**63**	**38**	**27**	**76**	**34**	**33**	**170**	**450**	**71**	**20**	**69**	**42.1**	**37.2**	**38.9**	**132 J**	**45.4 J**	**139**	**166**	**129**
Beryllium	40.0	1.30	**0.25**	**0.22**	**0.21**	**0.19**	**0.15**	**0.13**	**0.14**	**0.23**	**0.21**	**0.19**	**0.16**	**0.28**	**0.047 J**	**0.25**	**0.215 J**	**0.19 J**	**0.184 J**	**0.21 J**	**0.119 J**	**0.235 J**	**0.274 J**	**0.196 J**
Cadmium	32.0	0.541	**0.073 J**	**3.7**	**0.63**	**0.56**	**0.3**	**0.035 J**	**0.13**	**0.034 J**	**0.059 J**	**0.034 J**	**0.049 J**	**0.064 J**	**0.15**	**0.33**	**0.498**	**0.37 J**	**0.292 J**	**0.283 J**	**0.0946 J**	**0.303 J**	**0.271 J**	**0.248 J**
Chromium	64.0	55.4	**14**	**18**	**17**	**17**	**5.6**	**5.7 J**	**13 J**	**14**	**9.9 J**	**15 J**	**18**	**32 J**	**21 J**	**19 J**	**8.69 J**	**7.6**	**11.4**	**14.9 J**	**11.2 J**	**9.63**	**9.82**	**10.6**
Cobalt	13.0	97.4	**18**	**17**	**24**	**23**	**12**	**9**	**35**	**11**	**7.9**	**33**	**34**	**22**	**18**	**25**	**15.2 J**	**15.2**	**14.1**	**27.3 J**	**24 J**	**19.1**	**15.8**	**14.4**
Copper	70.0	141	**84**	**61**	**140**	**100**	**24**	**84**	**130**	**21**	**200**	**170**	**29**	**74**	**72**	**110**	**18.1 J**	**18.9**	**38.2**	**54.8 J**	**63.1 J**	**48.8**	**59.5**	**58.9**
Lead	120	13.2	1.6 R	0.84 R	1.8 R	1.4 R	1.8 R	**0.96**	**0.76**	0.73 R	**0.68**	**0.78**	**1.7**	**1.3**	0.29 U	**4.7**	**4.39 J**	**2.66 J**	**5.9 J**	**3.43 J**	**0.646 J**	**5.31 J**	**4.11 J**	**2.44 J**
Mercury	0.10	0.050	0.0039 U	0.0048 U	0.0043 U	**0.0089 J**	0.0037 U	0.0046 U	0.0046 U	0.0044 U	0.0043 U	0.0041 U	0.0046 U	**0.012 J**	0.0042 U	0.0039 U	0.0102 U	0.0103 U	0.0111 U	0.011 U	0.0113 U	0.0103 U	0.0106 U	0.0103 U
Nickel	38.0	30.5	**11**	**16**	**18**	**17**	**6.3**	**5.7**	**20**	**7.5**	**6.3**	**22**	**12**	**22**	**19**	**19**	**7.57 J**	**7.57 J**	**9.28 J**	**11.2 J**	**12.8 J**	**7.24 J**	**6.93 J**	**6.6 J**
Selenium	0.52	0.961	0.12 U	0.13 U	0.13 U	0.13 U	0.11 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	**0.35 J**	0.13 U	0.12 U	1.24 UJ	**0.163 J**	1.17 UJ	0.126 UJ	0.151 UJ	**0.136 J**	**0.314 J**	**0.154 J**
Silver	560	--	**0.029 J**	**0.16 J**	**0.14 J**	**0.15 J**	**0.034 J**	**0.025 J**	**0.038 J**	**0.03 J**	**0.022 J**	**0.089 J**	**0.098 J**	**0.033 J**	**0.049 J**	**0.059 J**	**0.0542 J**	**0.0658 J**	**0.0417 J**	0.238 UJ	0.248 U	**0.053 J**	**0.0661 J**	0.248 UJ
Thallium	1.00	--	0.12 U	0.13 U	0.13 U	0.13 U	0.11 U	0.13 U	0.13 U	0.13 U	0.13 U	**0.35 J**	0.13 U	0.11 U	0.13 U	0.12 U	**0.116 J**	**0.0345 J**	**0.0253 J**	**0.0406 J**	**0.0193 J**	**0.0634 J**	**0.0571 J**	**0.0408 J**
Vanadium	130	296	**140**	**220**	**190**	**190**	**70**	**71**	**230**	**120**	**110**	**200**	**190**	**170**	**110**	**150**	**102 J**	**96 J**	**113 J**	**142 J**	**117 J**	**98.7 J**	**100 J**	**92.3 J**
Zinc	120	131	**70 J**	**66 J**	**61 J**	**60 J**	**29 J**	**22 J**	**46 J**	**33 J**	**19 J**	**60 J**	**47**	**43 J**	**34 J**	**37 J**	**45.7 J**	**39.8 J**	**43.2 J**	**52.1 J**	**35.6 J**	**75.1 J**	**67.2 J**	**43.2 J**
Total Petroleum Hydrocarbons																								
TPH-diesel range (UG/KG)	1,300,000	--	**180,000**	**1,400 J**	**14,000**	**12,000**	**1,300 J**	**1,800**	**830**	660 U	**1,200**	**2,200**	**2,400**	**1,200**	**1,700**	**7,700**	2,000 U	2,000 U	2,100 U	NA	NA	NA	NA	NA
TPH-gas range (UG/KG)	210,000	--	79 U	64 U	71 U	63 U	56 U	**200 J**	82 U	72 U	**120 J**	70 U	65 U	**120 J**	**99 J**	69 U	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Grey highlighting indicates value greater than ESV

Yellow highlighting indicates value equal to ESV

Red highlighting indicates value ≥ ESV and ≥ background UTL; ≥ ESV and no UTL; or ≥ background UTL and no ESV

Bold indicates detections

NSV - No Screening Value

NA - Not analyzed

TABLE 21

Exceedances - SWMU 78 Shallow Subsurface Soil

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Soil ESV	Background UTL	78SB25	78SB26	78SB27	78SB28	78SB29	78SB30		78SB31	78SB32	78SB37	78SB38		78SB39	78SB40	78SB41	78SB42	78SB47	78SB57	78SB58		78SB59
			78SB25-01	78SB26-01	78SB27-01	78SB28-01	78SB29-01	78SB30-01	78SB30-01D	78SB31-01	78SB32-01	78SB37-01	78SB38-01	78SB38-01D	78SB39-01	78SB40-01	78SB41-01	78SB42-01	78SB47-01	78SB57-01	78SB58-01	78SB58-01D	78SB59-01
			04/26/11	04/26/11	04/27/11	04/26/11	04/26/11	04/27/11	04/27/11	04/27/11	04/27/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/28/11	04/27/11	09/27/11	09/27/11	09/27/11	09/27/11
Volatile Organic Compounds (UG/KG)																							
1,4-Dichlorobenzene	1,280	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	2,500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	1,230	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds (UG/KG)																							
Anthracene	LMW PAH	--	2.37 U	2.36 U	NA	NA	NA	NA	NA	NA	NA	NA	2.27 U	2.3 U	2.38 U	2.25 U	2.25 U	NA	NA	2.6 U	2.6 U	2.9 U	**5 J**
Benzo(a)anthracene	HMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	4.77 U	4.5 U	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**30**
Benzo(a)pyrene	HMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	4.77 UJ	4.5 U	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**27**
Benzo(b)fluoranthene	HMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	**4.08 J**	4.5 U	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**36**
Benzo(g,h,i)perylene	HMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	**1.99 J**	4.5 U	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**23**
Benzo(k)fluoranthene	HMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	**2.47 J**	4.5 U	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**13**
Benzyl alcohol	65,800	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	30,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	HMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	**2.34 J**	4.5 U	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**30**
Dibenz(a,h)anthracene	HMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	4.77 UJ	4.5 U	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**5 J**
Fluoranthene	LMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	**1.71 J**	4.5 U	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**47**
Fluorene	LMW PAH	--	2.37 U	2.36 U	NA	NA	NA	NA	NA	NA	NA	NA	2.27 U	2.3 U	2.38 U	2.25 U	2.25 U	NA	NA	2.6 U	2.6 U	2.9 U	**0.91 J**
Indeno(1,2,3-cd)pyrene	HMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	**8.05 J**	**6.9 J**	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**22**
Naphthalene	LMW PAH	--	2.37 U	2.36 U	NA	NA	NA	NA	NA	NA	NA	NA	2.27 U	2.3 U	2.38 U	2.25 U	2.25 U	NA	NA	2.6 U	2.6 U	2.9 U	2.3 U
PAH (HMW)	18,000	--	21.4 U	21.2 U	NA	NA	NA	NA	NA	NA	NA	NA	20.4 U	20.7 U	**28.8**	**24.9**	20.3 U	NA	NA	23.0 U	23.9 U	26.1 U	**226**
PAH (LMW)	29,000	--	10.7 U	10.6 U	NA	NA	NA	NA	NA	NA	NA	NA	10.2 U	10.3 U	**10.0**	10.1 U	10.1 U	NA	NA	11.7 U	11.8 U	13.1 U	**73.5**
Phenanthrene	LMW PAH	--	2.37 U	2.36 U	NA	NA	NA	NA	NA	NA	NA	NA	2.27 U	2.3 U	2.38 U	2.25 U	2.25 U	NA	NA	2.6 U	2.6 U	2.9 U	**16**
Pyrene	HMW PAH	--	4.75 U	4.71 U	NA	NA	NA	NA	NA	NA	NA	NA	4.53 U	4.59 U	**2.71 J**	4.5 U	4.5 U	NA	NA	5.1 U	5.3 U	5.8 U	**40**
Polychlorinated Biphenyls (UG/KG)																							
No Detections	--	--																					
Pesticides (UG/KG)																							
No Detections	--	--																					
Herbicides (UG/KG)																							
No Detections	--	--																					
Inorganics (MG/KG)																							
Arsenic	18.0	3.59	**0.547 J**	**0.52 J**	**2.18 J**	**0.725 J**	**0.581 J**	**0.207 J**	0.25 UJ	**4.29 J**	**0.339 J**	**4.06 J**	0.234 UJ	**0.16 J**	**1.53 J**	**1.06 J**	**0.625 J**	**1.95 J**	0.245 UJ	**0.468 J**	**2.92 J**	**3.23 J**	**0.946 J**
Barium	330	241	**41**	**79.1**	**21.4 J**	**35.7 J**	**52.4 J**	**90.5 J**	**113 J**	**65.4 J**	**36.2 J**	**62.6 J**	**34.6**	**43.6**	**91**	**101**	**64.2**	**171 J**	**43.8 J**	**313 J**	**169 J**	**161 J**	**126 J**
Beryllium	40.0	1.30	**0.293 J**	**0.303 J**	**0.179 J**	**0.241 J**	**0.166 J**	**0.148 J**	**0.163 J**	**0.274 J**	**0.126 J**	**0.214 J**	**0.176 J**	**0.211 J**	**0.306 J**	**0.262 J**	**0.0912 J**	**0.246 J**	**0.107 J**	**0.384 J**	**0.428 J**	**0.504 J**	**0.218 J**
Cadmium	32.0	0.541	**0.342 J**	**0.341 J**	**0.238 J**	**0.0995 J**	**0.514**	**0.0619 J**	**0.067 J**	**0.224 J**	**0.0941 J**	**0.204 J**	**0.143 J**	**0.0734 J**	**0.561**	**0.246 J**	**0.201 J**	**0.191 J**	**0.0418 J**	**0.262 J**	**0.218 J**	**0.199 J**	**0.36 J**
Chromium	64.0	55.4	**14.7**	**21.1**	**12.4 J**	**20.8 J**	**19.7 J**	**10.5 J**	**11.2 J**	**12.4 J**	**25 J**	**24 J**	**12.8**	**12.6**	**14.5**	**28.2**	**15.9**	**19 J**	**11.9 J**	**14.8 J**	**19.2 J**	**22.5 J**	**18 J**
Cobalt	13.0	97.4	**15.5**	**22.9**	**59.7 J**	**12.5 J**	**16.7 J**	**21.5 J**	**22.9 J**	**30.8 J**	**12 J**	**25.6 J**	**23.3**	**26.9**	**29.8**	**28.6**	**16.1**	**19.2 J**	**24.9 J**	**25.8**	**19.7 J**	**38.8 J**	**14.7**
Copper	70.0	141	**16.1**	**51**	**624 J**	**30.1 J**	**51.3 J**	**51.9 J**	**58 J**	**40.4 J**	**105 J**	**95.2 J**	**85.2**	**91**	**228**	**84.2**	**87.7**	**67.5 J**	**92.8 J**	**68.8**	**71.1 J**	**91**	**39.9**
Lead	120	13.2	**0.836 J**	**1.24 J**	**1.74 J**	**15.8 J**	**12.7 J**	**1 J**	**1.01 J**	**0.818 J**	**1.08 J**	**6.22 J**	**0.428 J**	**0.532 J**	**2.24 J**	**1.89 J**	**0.774 J**	**1.7 J**	0.463 UJ	**0.5 J**	**1.65**	**2.27**	**4.41**
Mercury	0.10	0.050	0.0106 U	0.0116 U	0.0099 U	**0.00843 J**	**0.0251 J**	0.0104 U	0.0106 U	0.0109 U	0.0112 U	**0.0457**	0.0112 U	**0.0293 J**	0.0118 U	**0.0441**	**0.0102 J**	**0.0294 J**	0.0105 U	**0.0447**	0.0186 U	**0.0153 J**	**0.03 J**
Nickel	38.0	30.5	**6.79 J**	**10.9 J**	**40.4 J**	**10.4 J**	**10.5 J**	**13.7 J**	**14.4 J**	**16.5 J**	**8.68 J**	**16 J**	**20.4 J**	**20.6 J**	**15.5 J**	**15.5 J**	**11.6 J**	**13.6 J**	**12.6 J**	**22.7 J**	**11.1 J**	**19 J**	**8.09 J**
Selenium	0.52	0.961	**0.157 J**	**0.147 J**	0.473 UJ	0.305 UJ	0.175 UJ	1.19 UJ	1.25 UJ	0.145 UJ	0.222 UJ	0.728 UJ	**0.128 J**	**0.237 J**	**0.459 J**	**0.864 J**	**0.17 J**	0.527 UJ	1.23 UJ	**0.441 J**	**0.534 J**	**0.691 J**	**0.417 J**
Silver	560	--	**0.0483 J**	**0.0451 J**	**0.0424 J**	0.245 UJ	0.25 UJ	**0.0527 J**	**0.0571 J**	**0.208 J**	0.238 UJ	0.234 UJ	0.234 UJ	0.236 UJ	**0.0427 J**	**0.0416 J**	0.243 UJ	0.229 U	0.245 UJ	0.313 UJ	0.315 UJ	0.348 UJ	0.283 UJ
Thallium	1.00	--	**0.0343 J**	**0.0538 J**	0.25 U	0.0645 U	0.0996 U	0.187 U	**0.225 J**	**0.0242 J**	**0.0246 J**	**0.0631 J**	**0.0467 J**	**0.0809 J**	**0.0233 J**	**0.0486 J**	**0.0197 J**	**0.0379 J**	**0.0231 J**	**0.0601 J**	**0.0543 J**	0.348 U	**0.042 J**
Vanadium	130	296	**106 J**	**117 J**	**193 J**	**98.7 J**	**116 J**	**151 J**	**156 J**	**391 J**	**92.8 J**	**153 J**	**134 J**	**139 J**	**780 J**	**172 J**	**87.3 J**	**112 J**	**156 J**	**117 J**	**133 J**	**175 J**	**89.2 J**
Zinc	120	131	**57 J**	**42.3 J**	**79.7 J**	**31.7 J**	**93.9 J**	**47.4 J**	**47.8 J**	**94.3 J**	**39.7 J**	**36.7 J**	**40.1 J**	**40.3 J**	**105 J**	**37.2 J**	**33.3 J**	**28.6 J**	**42.4 J**	**59.2 J**	**35.4 J**	**47.9 J**	**51.4 J**
Total Petroleum Hydrocarbons																							
TPH-diesel range (UG/KG)	1,300,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH-gas range (UG/KG)	210,000	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Grey highlighting indicates value greater than ESV

Yellow highlighting indicates value equal to ESV

Red highlighting indicates value ≥ ESV and ≥ background UTL; ≥ ESV and no UTL; or ≥ background UTL and no ESV

Bold indicates detections

NSV - No Screening Value

NA - Not analyzed

TABLE 22

Screening Statistics - SWMU 78 Surface Soil - Mammal/Bird Eco-SSLs

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Range of Non-Detect Values	Frequency of Detection	Maximum Concentration Detected	Mammal Eco-SSL	Frequency of Exceedance	Maximum Hazard Quotient	Bird Eco-SSL	Frequency of Exceedance	Maximum Hazard Quotient
Inorganics (MG/KG)									
Antimony	0.077 - 0.30	6 / 16	4.00	0.27	6 / 16	14.8	--	-- - --	--
Arsenic	-- - --	53 / 53	102	46.0	2 / 53	2.22	43.0	2 / 53	2.37
Barium	-- - --	53 / 53	380	2,000	0 / 53	0.19	--	-- - --	--
Beryllium	-- - --	53 / 53	0.52	21.0	0 / 53	0.02	--	-- - --	--
Cadmium	-- - --	53 / 53	1.50	0.36	22 / 53	4.17	0.77	3 / 53	1.95
Chromium	-- - --	51 / 51	197	34.0	12 / 51	5.79	26.0	16 / 51	7.58
Cobalt	-- - --	53 / 53	47.0	230	0 / 53	0.20	120	0 / 53	0.39
Copper	-- - --	53 / 53	280	49.0	45 / 53	5.71	28.0	51 / 53	10.0
Lead	-- - --	46 / 46	157	56.0	4 / 46	2.80	11.0	23 / 46	14.3
Nickel	-- - --	53 / 53	49.0	130	0 / 53	0.38	210	0 / 53	0.23
Selenium	0.12 - 0.14	45 / 53	1.40	0.63	14 / 53	2.22	1.20	1 / 53	1.17
Silver	0.24 - 0.33	35 / 53	0.24	14.0	0 / 53	0.02	4.20	0 / 53	0.06
Vanadium	-- - --	53 / 53	410	280	1 / 53	1.46	7.80	53 / 53	52.6
Zinc	-- - --	52 / 52	661	79.0	23 / 52	8.37	46.0	43 / 52	14.4
Semivolatile Organic Compounds (UG/KG)									
PAH (HMW)	5.50 - 23.0	25 / 30	1,321	1,100	1 / 30	1.20	--	-- - --	--
PAH (LMW)	9.21 - 20.5	20 / 30	662	100,000	0 / 30	0.01	--	-- - --	--
Pentachlorophenol[1]	8.90 - 200	0 / 16	--	2,800	-- / --	0.07	2,100	-- / --	0.10

Shaded cells indicate HQ ≥ 1

[1] HQs based upon reporting limits

TABLE 23

Summary of Hazard Quotients for Terrestrial Food Web Exposures - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Norway Rat			Indian Mongoose			Pearly-eyed Thrasher			Red-tailed Hawk			Common Ground Dove		
	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL
Metals															
Antimony	8.91E-01	2.82E-01	8.91E-02	**1.00E+01**	**3.16E+00**	1.00E+00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	**3.62E+00**	**1.62E+00**	7.25E-01	**1.28E+00**	**1.01E+00**	8.00E-01	**1.04E+00**	4.66E-01	2.08E-01	5.67E-03	2.54E-03	1.13E-03	**1.11E+00**	4.98E-01	2.23E-01
Cadmium	2.43E-01	7.68E-02	2.43E-02	**2.14E+00**	6.75E-01	2.14E-01	**1.63E+00**	7.27E-01	3.25E-01	7.59E-03	3.39E-03	1.52E-03	2.01E-01	8.98E-02	4.02E-02
Chromium	**1.99E+00**	8.89E-01	3.98E-01	**3.75E+01**	**1.68E+01**	**7.51E+00**	**4.94E+01**	**2.21E+01**	**9.88E+00**	1.67E-01	7.47E-02	3.34E-02	**3.49E+00**	**1.56E+00**	6.99E-01
Copper	9.82E-01	7.61E-01	5.89E-01	3.88E-01	3.42E-01	3.01E-01	**1.90E+00**	**1.10E+00**	6.37E-01	1.99E-01	1.15E-01	6.65E-02	**2.79E+00**	**1.61E+00**	9.34E-01
Lead	3.82E-01	2.77E-01	2.02E-01	**1.59E+00**	**1.15E+00**	8.39E-01	**2.98E+00**	**1.33E+00**	5.95E-01	1.08E-01	4.84E-02	2.17E-02	**2.71E+00**	**1.92E+00**	**1.35E+00**
Mercury	**1.04E+00**	4.65E-01	2.08E-01	**3.31E+00**	**2.57E+00**	**1.99E+00**	**1.47E+00**	9.41E-01	6.01E-01	1.84E-03	1.18E-03	7.52E-04	1.14E-01	8.08E-02	5.71E-02
Selenium	8.88E-01	6.91E-01	5.38E-01	8.80E-01	6.85E-01	5.33E-01	5.92E-01	3.21E-01	1.74E-01	7.03E-02	3.81E-02	2.06E-02	9.65E-01	6.83E-01	4.83E-01
Vanadium	6.89E-01	4.87E-01	3.45E-01	**1.65E+00**	**1.17E+00**	8.26E-01	**3.37E+01**	**2.38E+01**	**1.69E+01**	6.45E-01	4.56E-01	3.23E-01	**2.57E+01**	**1.82E+01**	**1.28E+01**
Zinc	5.88E-01	2.63E-01	1.18E-01	**1.40E+00**	6.28E-01	2.81E-01	**2.36E+00**	**1.06E+00**	4.72E-01	8.82E-02	3.95E-02	1.76E-02	**1.11E+00**	4.96E-01	2.22E-01
Polychlorinated Biphenyls															
Aroclor-1016	3.16E-03	1.42E-03	6.33E-04	3.68E-04	2.32E-04	1.47E-04	1.83E-03	8.20E-04	3.67E-04	1.83E-04	8.18E-05	3.66E-05	1.95E-03	8.70E-04	3.89E-04
Aroclor-1221	2.36E-02	1.06E-02	4.73E-03	1.85E-02	8.27E-03	3.70E-03	9.20E-03	4.11E-03	1.84E-03	1.37E-03	6.11E-04	2.73E-04	1.38E-02	6.19E-03	2.77E-03
Aroclor-1232	1.01E-02	4.50E-03	2.01E-03	9.51E-03	4.25E-03	1.90E-03	4.75E-03	2.12E-03	9.50E-04	5.81E-04	2.60E-04	1.16E-04	5.99E-03	2.68E-03	1.20E-03
Aroclor-1242	3.99E-03	1.78E-03	7.97E-04	4.98E-03	2.23E-03	9.95E-04	2.49E-03	1.12E-03	4.99E-04	2.30E-04	1.03E-04	4.61E-05	2.45E-03	1.10E-03	4.90E-04
Aroclor-1248	2.52E-03	1.13E-03	5.03E-04	5.37E-03	2.40E-03	1.07E-03	2.69E-03	1.20E-03	5.39E-04	1.46E-04	6.51E-05	2.91E-05	1.64E-03	7.32E-04	3.28E-04
Aroclor-1254	9.00E-04	4.02E-04	1.80E-04	1.88E-03	8.42E-04	3.77E-04	9.51E-04	4.25E-04	1.90E-04	5.20E-05	2.33E-05	1.04E-05	6.08E-04	2.72E-04	1.22E-04
Aroclor-1260	1.03E-02	4.61E-03	2.06E-03	6.97E-02	3.11E-02	1.39E-02	3.45E-02	1.54E-02	6.89E-03	5.95E-04	2.66E-04	1.19E-04	7.27E-03	3.25E-03	1.45E-03
Pesticides															
Disulfoton	**5.37E+00**	**2.94E+00**	**1.61E+00**	**2.29E+00**	**1.26E+00**	6.88E-01	3.91E-02	1.75E-02	7.82E-03	1.08E-02	4.84E-03	2.16E-03	9.43E-02	4.22E-02	1.89E-02
Volatile/Semivolatile Organics															
1,1,1,2-Tetrachloroethane	3.12E-06	1.39E-06	6.23E-07	1.94E-06	8.68E-07	3.88E-07	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	7.17E-06	3.21E-06	1.43E-06	4.46E-06	2.00E-06	8.92E-07	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	1.14E-03	8.07E-04	5.70E-04	2.87E-04	2.03E-04	1.43E-04	7.07E-04	3.16E-04	1.41E-04	3.28E-04	1.47E-04	6.55E-05	2.86E-03	1.28E-03	5.72E-04
1,2-Dichlorobenzene	1.14E-03	5.09E-04	2.28E-04	2.92E-04	1.31E-04	5.85E-05	1.15E-03	5.15E-04	2.30E-04	5.29E-04	2.36E-04	1.06E-04	4.57E-03	2.05E-03	9.15E-04
1,3-Dichlorobenzene	9.42E-04	4.21E-04	1.88E-04	2.58E-04	1.15E-04	5.16E-05	1.02E-03	4.54E-04	2.03E-04	4.37E-04	1.96E-04	8.75E-05	3.79E-03	1.69E-03	7.57E-04
1,4-Dichlorobenzene	1.76E-04	1.01E-04	5.86E-05	4.47E-05	2.58E-05	1.49E-05	6.16E-05	2.76E-05	1.23E-05	2.86E-05	1.28E-05	5.71E-06	2.47E-04	1.11E-04	4.94E-05
4-Bromophenyl-phenylether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	9.98E-03	4.46E-03	2.00E-03	1.16E-02	5.20E-03	2.33E-03	1.55E-03	6.95E-04	3.11E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-03	6.92E-04	3.10E-04
Benzo(a)pyrene	8.14E-03	3.64E-03	1.63E-03	1.20E-02	5.38E-03	2.41E-03	1.59E-03	7.11E-04	3.18E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-03	5.68E-04	2.54E-04

TABLE 23

Summary of Hazard Quotients for Terrestrial Food Web Exposures - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Norway Rat			Indian Mongoose			Pearly-eyed Thrasher			Red-tailed Hawk			Common Ground Dove		
	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL
Benzo(b)fluoranthene	2.31E-02	1.03E-02	4.62E-03	1.03E-02	4.61E-03	2.06E-03	1.40E-03	6.25E-04	2.80E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-03	1.46E-03	6.53E-04
Benzo(g,h,i)perylene	3.66E-02	1.64E-02	7.34E-03	1.21E-02	5.41E-03	2.42E-03	1.68E-03	7.52E-04	3.36E-04	0.00E+00	0.00E+00	0.00E+00	5.18E-03	2.32E-03	1.04E-03
Benzo(k)fluoranthene	9.64E-03	4.32E-03	1.93E-03	8.29E-03	3.71E-03	1.66E-03	1.13E-03	5.03E-04	2.25E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-03	6.60E-04	2.95E-04
Chrysene	1.05E-02	4.70E-03	2.11E-03	1.98E-02	8.85E-03	3.96E-03	2.59E-03	1.16E-03	5.17E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-03	7.33E-04	3.28E-04
Dibenz(a,h)anthracene	1.95E-03	8.74E-04	3.91E-04	4.16E-03	1.86E-03	8.33E-04	5.42E-04	2.42E-04	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.06E-04	1.37E-04	6.12E-05
Hexachlorobenzene	4.95E-03	3.50E-03	2.48E-03	1.97E-02	1.39E-02	9.85E-03	5.11E-01	2.29E-01	1.02E-01	1.53E-02	6.83E-03	3.06E-03	1.46E-01	6.54E-02	2.92E-02
Hexachlorobutadiene	1.78E-02	5.62E-03	1.78E-03	1.62E-02	5.13E-03	1.62E-03	1.41E-02	6.32E-03	2.83E-03	1.83E-03	8.17E-04	3.66E-04	1.63E-02	7.30E-03	3.27E-03
Hexachlorocyclopentadiene	4.35E-04	1.95E-04	8.70E-05	6.68E-04	2.99E-04	1.34E-04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	6.10E-04	2.73E-04	1.22E-04	2.65E-04	1.19E-04	5.31E-05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.32E-03	2.38E-03	1.07E-03	1.10E-02	4.94E-03	2.21E-03	1.45E-03	6.47E-04	2.90E-04	0.00E+00	0.00E+00	0.00E+00	8.55E-04	3.82E-04	1.71E-04
Pentachlorobenzene	2.23E-03	9.97E-04	4.46E-04	3.23E-03	1.44E-03	6.46E-04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	5.76E-05	2.58E-05	1.15E-05	4.51E-05	2.02E-05	9.01E-06	4.31E-03	1.36E-03	4.31E-04	6.51E-04	2.06E-04	6.51E-05	5.78E-03	1.83E-03	5.78E-04
Pyrene	7.97E-02	3.57E-02	1.60E-02	2.78E-02	1.24E-02	5.57E-03	3.65E-03	1.63E-03	7.31E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-02	4.79E-03	2.14E-03

Shaded cells indicate HQ ≥ 1

TABLE 24

Summary of Hazard Quotients for Terrestrial Food Web Exposures - Baseline (Step 3A) - 95% UCL

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Norway Rat			Indian Mongoose			Pearly-eyed Thrasher			Red-tailed Hawk			Common Ground Dove		
	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL
Metals															
Antimony	**1.09E+00**	3.44E-01	1.09E-01	8.44E-01	2.67E-01	8.44E-02	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	5.66E-01	2.53E-01	1.13E-01	7.61E-02	6.03E-02	4.77E-02	1.11E-01	4.95E-02	2.21E-02	1.10E-03	4.90E-04	2.19E-04	1.32E-01	5.89E-02	2.63E-02
Cadmium	2.94E-01	9.29E-02	2.94E-02	1.75E-01	5.52E-02	1.75E-02	2.66E-01	1.19E-01	5.31E-02	2.90E-03	1.30E-03	5.81E-04	5.74E-02	2.57E-02	1.15E-02
Chromium	3.91E-01	1.75E-01	7.81E-02	2.56E-01	1.14E-01	5.11E-02	6.31E-01	2.82E-01	1.26E-01	4.60E-02	2.06E-02	9.20E-03	3.43E-01	1.54E-01	6.87E-02
Copper	3.05E-01	2.36E-01	1.83E-01	8.89E-02	7.82E-02	6.88E-02	6.23E-01	3.60E-01	2.08E-01	1.19E-01	6.90E-02	3.99E-02	9.05E-01	5.24E-01	3.03E-01
Lead	1.65E-01	1.20E-01	8.70E-02	1.12E-01	8.16E-02	5.93E-02	3.53E-01	1.58E-01	7.06E-02	4.09E-02	1.83E-02	8.18E-03	4.30E-01	3.04E-01	2.15E-01
Mercury	1.76E-01	7.88E-02	3.52E-02	1.32E-02	1.02E-02	7.93E-03	1.26E-02	8.02E-03	5.12E-03	1.46E-04	9.36E-05	5.98E-05	3.05E-02	2.16E-02	1.52E-02
Vanadium	1.57E-01	1.11E-01	7.86E-02	1.11E-01	7.82E-02	5.54E-02	**4.18E+00**	**2.95E+00**	**2.09E+00**	1.53E-01	1.08E-01	7.66E-02	**5.39E+00**	**3.81E+00**	**2.70E+00**
Zinc	3.87E-01	1.73E-01	7.73E-02	2.40E-01	1.07E-01	4.80E-02	7.22E-01	3.23E-01	1.44E-01	6.29E-02	2.81E-02	1.26E-02	3.26E-01	1.46E-01	6.51E-02
Pesticides															
Disulfoton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Shaded cells indicate HQ ≥ 1

TABLE 25

Summary of Hazard Quotients for Terrestrial Food Web Exposures - Baseline (Step 3A) - Mean

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Norway Rat			Indian Mongoose			Pearly-eyed Thrasher			Red-tailed Hawk			Common Ground Dove		
	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL	NOAEL	MATC	LOAEL
Metals															
Antimony	5.93E-01	1.87E-01	5.93E-02	4.59E-01	1.45E-01	4.59E-02	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	2.84E-01	1.27E-01	5.68E-02	3.65E-02	2.89E-02	2.28E-02	5.25E-02	2.35E-02	1.05E-02	5.46E-04	2.44E-04	1.09E-04	6.25E-02	2.80E-02	1.25E-02
Cadmium	2.60E-01	8.21E-02	2.60E-02	1.54E-01	4.87E-02	1.54E-02	2.34E-01	1.05E-01	4.69E-02	2.65E-03	1.19E-03	5.31E-04	5.25E-02	2.35E-02	1.05E-02
Chromium	2.44E-01	1.09E-01	4.88E-02	1.62E-01	7.24E-02	3.24E-02	3.95E-01	1.77E-01	7.90E-02	3.26E-02	1.46E-02	6.52E-03	2.15E-01	9.60E-02	4.29E-02
Copper	2.91E-01	2.26E-01	1.75E-01	8.50E-02	7.48E-02	6.58E-02	5.92E-01	3.42E-01	1.98E-01	1.16E-01	6.69E-02	3.87E-02	8.47E-01	4.90E-01	2.83E-01
Lead	1.27E-01	9.21E-02	6.69E-02	8.73E-02	6.35E-02	4.61E-02	2.69E-01	1.20E-01	5.38E-02	3.54E-02	1.58E-02	7.07E-03	3.35E-01	2.37E-01	1.67E-01
Mercury	1.52E-01	6.81E-02	3.04E-02	1.10E-02	8.56E-03	6.63E-03	1.05E-02	6.73E-03	4.30E-03	1.20E-04	7.67E-05	4.90E-05	2.73E-02	1.93E-02	1.36E-02
Vanadium	1.44E-01	1.02E-01	7.19E-02	1.01E-01	7.16E-02	5.06E-02	**3.82E+00**	**2.70E+00**	**1.91E+00**	1.40E-01	9.91E-02	7.00E-02	**4.93E+00**	**3.49E+00**	**2.47E+00**
Zinc	3.20E-01	1.43E-01	6.40E-02	2.04E-01	9.14E-02	4.09E-02	6.03E-01	2.70E-01	1.21E-01	6.06E-02	2.71E-02	1.21E-02	2.40E-01	1.07E-01	4.79E-02
Pesticides															
Disulfoton	1.56E-01	8.55E-02	4.68E-02	7.74E-02	4.24E-02	2.32E-02	1.91E-03	8.56E-04	3.83E-04	5.81E-04	2.60E-04	1.16E-04	4.57E-03	2.04E-03	9.14E-04

Shaded cells indicate HQ ≥ 1

TABLE 26

Reporting Limit to ESV Comparison

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Units	Frequency of Detection	Minimum Reporting Limit	Maximum Reporting Limit	Mean Concentration	ESV	Minimum Ratio	Maximum Ratio	Mean Ratio
Surface Soil									
4-Nitrophenol	UG/KG	0 / 16	35.0	800	65.4	380	0.09	2.11	0.17
Pronamide	UG/KG	0 / 16	9.70	220	17.9	13.6	0.71	16.2	1.32

Shaded cells indicate ratio ≥ 1

TABLE 27

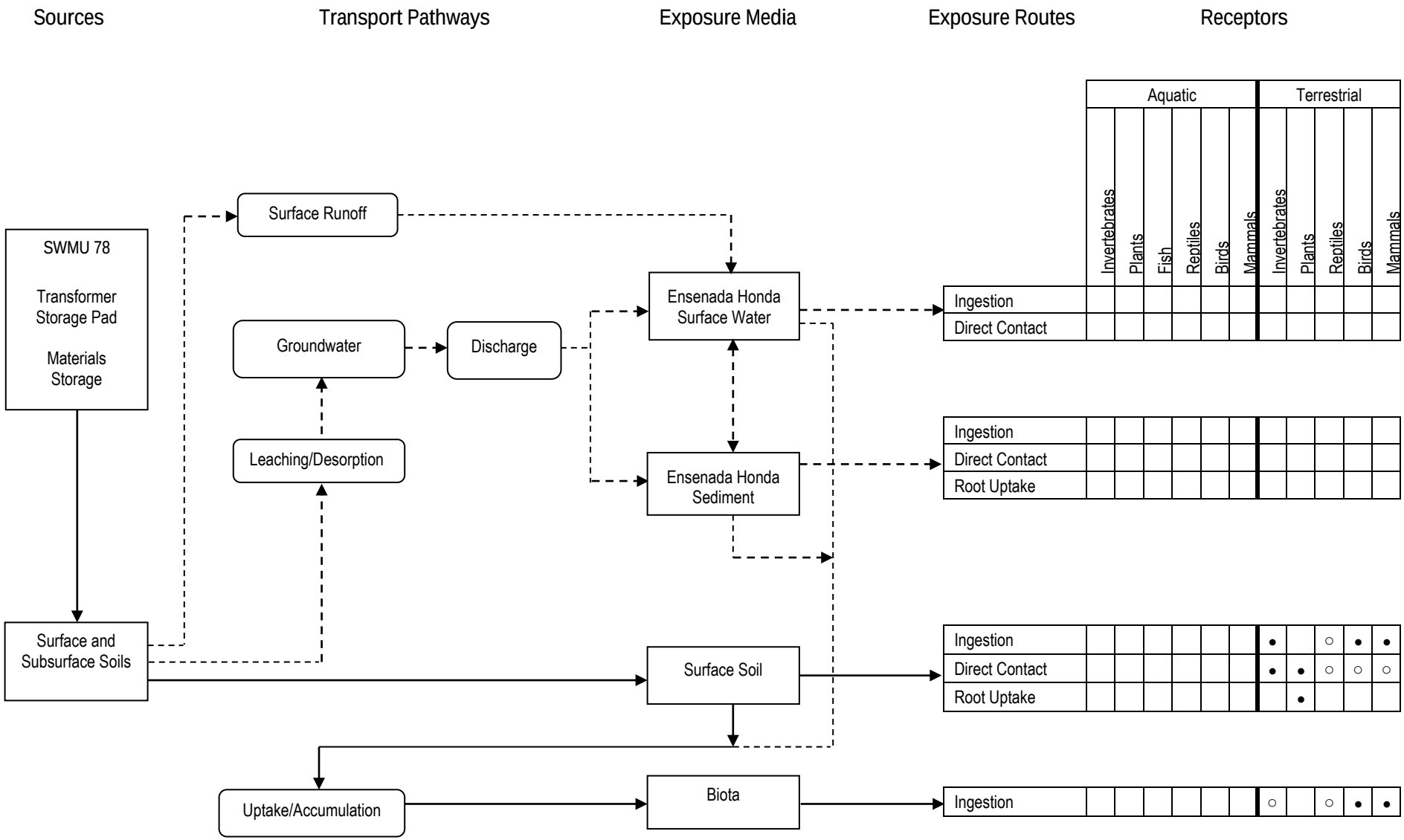
Summary of Final Step 3A Ecological Chemicals of Potential Concern

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Terrestrial Food Web	Surface Soil	Shallow Subsurface Soil
Inorganics			
Copper			X
Zinc		X	

Figure



Complete and potentially significant pathway

Incomplete or insignificant pathway

FIGURE 1
ECOLOGICAL CONCEPTUAL SITE MODEL – SWMU 78
FULL RCRA FACILITY INVESTIGATION – SWMU 78
NAVAL ACTIVITY PUERTO RICO, CEIBA, PUERTO RICO

● - Receptor evaluated quantitatively

○ - Receptor evaluated qualitatively

Attachment

Attachment 1, Table 1-1

Summary of Norway Rat Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals													
Antimony	4.00E+00	1.000	4.00E+00	Regression	1.45E-01	0.00E+00	5.26E-02	0.059	0.187	0.590	8.91E-01	2.82E-01	8.91E-02
Arsenic	1.02E+02	Regression	6.32E+00	Regression	1.85E+00	0.00E+00	9.13E-01	0.25	0.56	1.26	**3.62E+00**	**1.62E+00**	7.25E-01
Cadmium	1.50E+00	Regression	1.14E+01	Regression	7.75E-01	0.00E+00	1.87E-01	0.77	2.43	7.70	2.43E-01	7.68E-02	2.43E-02
Chromium	1.97E+02	3.162	6.23E+02	0.084	1.65E+01	0.00E+00	4.77E+00	2.40	5.37	12.0	**1.99E+00**	8.89E-01	3.98E-01
Copper	2.80E+02	Regression	2.36E+01	Regression	1.80E+01	0.00E+00	5.50E+00	5.60	7.23	9.34	9.82E-01	7.61E-01	5.89E-01
Lead	1.57E+02	Regression	4.76E+01	Regression	4.52E+00	0.00E+00	1.79E+00	4.70	6.47	8.90	3.82E-01	2.77E-01	2.02E-01
Mercury	1.68E-01	20.63	3.47E+00	Regression	1.40E-01	0.00E+00	3.33E-02	0.032	0.072	0.160	**1.04E+00**	4.65E-01	2.08E-01
Selenium	1.40E+00	Regression	1.19E+00	Regression	7.36E-01	0.00E+00	1.78E-01	0.20	0.26	0.33	8.88E-01	6.91E-01	5.38E-01
Vanadium	4.10E+02	0.088	3.61E+01	0.010	3.98E+00	0.00E+00	2.87E+00	4.16	5.88	8.31	6.89E-01	4.87E-01	3.45E-01
Zinc	6.61E+02	Regression	7.20E+02	Regression	1.78E+02	0.00E+00	4.43E+01	75.4	169	377	5.88E-01	2.63E-01	1.18E-01
Polychlorinated Biphenyls													
Aroclor-1016	5.40E-03	Regression	3.36E-03	0.323	1.74E-03	0.00E+00	4.30E-04	0.136	0.304	0.680	3.16E-03	1.42E-03	6.33E-04
Aroclor-1221	1.80E-02	Regression	1.73E-02	0.749	1.35E-02	0.00E+00	3.21E-03	0.136	0.304	0.680	2.36E-02	1.06E-02	4.73E-03
Aroclor-1232	1.10E-02	Regression	8.84E-03	0.515	5.67E-03	0.00E+00	1.37E-03	0.136	0.304	0.680	1.01E-02	4.50E-03	2.01E-03
Aroclor-1242	6.80E-03	Regression	4.60E-03	0.323	2.20E-03	0.00E+00	5.42E-04	0.136	0.304	0.680	3.99E-03	1.78E-03	7.97E-04
Aroclor-1248	7.20E-03	Regression	4.97E-03	0.184	1.33E-03	0.00E+00	3.42E-04	0.136	0.304	0.680	2.52E-03	1.13E-03	5.03E-04
Aroclor-1254	3.30E-03	Regression	1.72E-03	0.139	4.60E-04	0.00E+00	1.22E-04	0.136	0.304	0.680	9.00E-04	4.02E-04	1.80E-04
Aroclor-1260	4.80E-02	Regression	6.57E-02	0.105	5.05E-03	0.00E+00	1.40E-03	0.136	0.304	0.680	1.03E-02	4.61E-03	2.06E-03
Pesticides													
Disulfoton	1.40E-01	1.000	1.40E-01	1.467	2.05E-01	0.00E+00	4.83E-02	0.009	0.016	0.030	**5.37E+00**	**2.94E+00**	**1.61E+00**
Volatile/Semivolatile Organics													
1,1,1,2-Tetrachloroethane	1.00E-03	1.000	1.00E-03	1.000	1.00E-03	0.00E+00	2.37E-04	76.0	170	380	3.12E-06	1.39E-06	6.23E-07
1,1,2,2-Tetrachloroethane	2.30E-03	1.000	2.30E-03	1.000	2.30E-03	0.00E+00	5.45E-04	76.0	170	380	7.17E-06	3.21E-06	1.43E-06
1,2,4,5-Tetrachlorobenzene	1.50E-01	0.500	7.50E-02	0.792	1.19E-01	0.00E+00	2.83E-02	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	1.80E-01	0.560	1.01E-01	1.426	2.57E-01	0.00E+00	6.05E-02	53.0	75.0	106	1.14E-03	8.07E-04	5.70E-04
1,2-Dichlorobenzene	1.70E-01	1.000	1.70E-01	2.452	4.17E-01	0.00E+00	9.76E-02	85.7	192	429	1.14E-03	5.09E-04	2.28E-04
1,3-Dichlorobenzene	1.50E-01	1.000	1.50E-01	2.296	3.44E-01	0.00E+00	8.07E-02	85.7	192	429	9.42E-04	4.21E-04	1.88E-04
1,4-Dichlorobenzene	9.10E-03	1.000	9.10E-03	2.475	2.25E-02	0.00E+00	5.27E-03	30.0	52.0	90.0	1.76E-04	1.01E-04	5.86E-05
4-Bromophenyl-phenylether	1.70E-01	1.000	1.70E-01	0.566	9.61E-02	0.00E+00	2.31E-02	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	1.50E-01	1.000	1.50E-01	0.593	8.89E-02	0.00E+00	2.14E-02	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1.67E-01	0.270	4.51E-02	Regression	2.30E-02	0.00E+00	6.13E-03	0.62	1.37	3.07	9.98E-03	4.46E-03	2.00E-03
Benzo(a)pyrene	1.40E-01	0.340	4.76E-02	Regression	1.87E-02	0.00E+00	5.01E-03	0.62	1.37	3.07	8.14E-03	3.64E-03	1.63E-03
Benzo(b)fluoranthene	1.85E-01	0.210	3.89E-02	0.310	5.74E-02	0.00E+00	1.42E-02	0.62	1.37	3.07	2.31E-02	1.03E-02	4.62E-03
Benzo(g,h,i)perylene	2.90E-01	0.150	4.35E-02	Regression	9.11E-02	0.00E+00	2.25E-02	0.62	1.37	3.07	3.66E-02	1.64E-02	7.34E-03
Benzo(k)fluoranthene	1.49E-01	0.210	3.13E-02	Regression	2.25E-02	0.00E+00	5.93E-03	0.62	1.37	3.07	9.64E-03	4.32E-03	1.93E-03
Chrysene	1.81E-01	0.440	7.96E-02	Regression	2.41E-02	0.00E+00	6.46E-03	0.62	1.37	3.07	1.05E-02	4.70E-03	2.11E-03
Dibenz(a,h)anthracene	3.44E-02	0.490	1.69E-02	0.130	4.47E-03	0.00E+00	1.20E-03	0.62	1.37	3.07	1.95E-03	8.74E-04	3.91E-04

Attachment 1, Table 1-1

Summary of Norway Rat Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Hexachlorobenzene	1.60E-01	1.690	2.70E-01	0.246	3.94E-02	0.00E+00	9.91E-03	2.00	2.83	4.00	4.95E-03	3.50E-03	2.48E-03
Hexachlorobutadiene	2.20E-01	1.000	2.20E-01	0.675	1.49E-01	0.00E+00	3.55E-02	2.00	6.32	20.0	1.78E-02	5.62E-03	1.78E-03
Hexachlorocyclopentadiene	3.40E-01	1.000	3.40E-01	0.393	1.34E-01	0.00E+00	3.26E-02	75.0	168	375	4.35E-04	1.95E-04	8.70E-05
Hexachloroethane	1.80E-01	1.000	1.80E-01	1.439	2.59E-01	0.00E+00	6.10E-02	100	224	500	6.10E-04	2.73E-04	1.22E-04
Indeno(1,2,3-cd)pyrene	1.08E-01	0.410	4.43E-02	0.110	1.19E-02	0.00E+00	3.27E-03	0.62	1.37	3.07	5.32E-03	2.38E-03	1.07E-03
Pentachlorobenzene	1.50E-01	1.060	1.59E-01	0.444	6.65E-02	0.00E+00	1.62E-02	7.25	16.2	36.3	2.23E-03	9.97E-04	4.46E-04
Pentachloronitrobenzene	1.40E-01	1.000	1.40E-01	0.792	1.11E-01	0.00E+00	2.64E-02	458	1,024	2,290	5.76E-05	2.58E-05	1.15E-05
Pyrene	2.85E-01	0.390	1.11E-01	0.720	2.05E-01	0.00E+00	4.90E-02	0.62	1.37	3.07	7.97E-02	3.57E-02	1.60E-02

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specific = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0398 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specific = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specific = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.980 = Proportion of diet composed of food item (terrestrial plants)
SCx = Chemical-specific = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.020 = Proportion of diet composed of soil
WIR = 0.0516 = Water ingestion rate (L/day)
WC = Chemical-specific = Concentration of chemical in water (mg/L)
BW = 0.168 = Body weight (kg)

Attachment 1, Table 1-2

Summary of Indian Mongoose Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Omnivore Soil-Mammal BAF	Omnivore Small Mammal Concentration (mg/kg dw)	Herbivore Soil-Mammal BAF	Herbivore Small Mammal Concentration (mg/kg dw)	Insectivore Soil-Mammal BAF	Insectivore Small Mammal Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals																			
Antimony	4.00E+00	1.000	4.00E+00	Regression	1.45E-01	See footnote	2.22E-01	See footnote	2.22E-01	See footnote	2.22E-01	0.00E+00	5.90E-01	0.059	0.187	0.590	**9.99514**	**3.160741**	0.999514
Arsenic	1.02E+02	Regression	6.32E+00	Regression	1.85E+00	Regression	3.08E-01	Regression	6.78E-01	Regression	3.46E-01	0.00E+00	1.33E+00	1.04	1.31	1.66	**1.28E+00**	**1.01E+00**	8.00E-01
Cadmium	1.50E+00	Regression	1.14E+01	Regression	7.75E-01	Regression	2.70E-01	Regression	3.45E-01	Regression	3.34E+00	0.00E+00	1.64E+00	0.77	2.43	7.70	**2.14E+00**	6.75E-01	2.14E-01
Chromium	1.97E+02	3.162	6.23E+02	0.084	1.65E+01	Regression	1.08E+01	Regression	1.12E+01	Regression	1.12E+01	0.00E+00	9.01E+01	2.40	5.37	12.0	**3.75E+01**	**1.68E+01**	**7.51E+00**
Copper	2.80E+02	Regression	2.36E+01	Regression	1.80E+01	Regression	1.95E+01	Regression	1.74E+01	Regression	2.24E+01	0.00E+00	4.54E+00	11.7	13.3	15.1	3.88E-01	3.42E-01	3.01E-01
Lead	1.57E+02	Regression	4.76E+01	Regression	4.52E+00	Regression	1.01E+01	Regression	7.45E+00	Regression	1.90E+01	0.00E+00	7.47E+00	4.70	6.47	8.90	**1.59E+00**	**1.15E+00**	8.39E-01
Mercury	1.68E-01	20.63	3.47E+00	Regression	1.40E-01	0.130	2.18E-02	0.192	3.23E-02	0.192	3.23E-02	0.00E+00	4.97E-01	0.15	0.19	0.25	**3.31E+00**	**2.57E+00**	**1.99E+00**
Selenium	1.40E+00	Regression	1.19E+00	Regression	7.36E-01	Regression	7.49E-01	Regression	7.49E-01	Regression	7.49E-01	0.00E+00	1.76E-01	0.20	0.26	0.33	8.80E-01	6.85E-01	5.33E-01
Vanadium	4.10E+02	0.088	3.61E+01	0.010	3.98E+00	0.013	5.38E+00	0.019	7.79E+00	0.018	7.34E+00	0.00E+00	6.86E+00	4.16	5.88	8.31	**1.65E+00**	**1.17E+00**	8.26E-01
Zinc	6.61E+02	Regression	7.20E+02	Regression	1.78E+02	Regression	1.41E+02	Regression	1.24E+02	Regression	1.65E+02	0.00E+00	1.06E+02	75.4	169	377	**1.40E+00**	6.28E-01	2.81E-01
Polychlorinated Biphenyls																			
Aroclor-1016	5.40E-03	Regression	3.36E-03	0.323	1.74E-03	See footnote	1.82E-03	See footnote	1.82E-03	See footnote	1.82E-03	0.00E+00	5.04E-04	1.37	2.17	3.43	3.68E-04	2.32E-04	1.47E-04
Aroclor-1221	1.80E-02	Regression	1.73E-02	0.749	1.35E-02	See footnote	1.36E-02	See footnote	1.36E-02	See footnote	1.36E-02	0.00E+00	2.55E-03	0.138	0.309	0.690	1.85E-02	8.27E-03	3.70E-03
Aroclor-1232	1.10E-02	Regression	8.84E-03	0.515	5.67E-03	See footnote	5.77E-03	See footnote	5.77E-03	See footnote	5.77E-03	0.00E+00	1.31E-03	0.138	0.309	0.690	9.51E-03	4.25E-03	1.90E-03
Aroclor-1242	6.80E-03	Regression	4.60E-03	0.323	2.20E-03	See footnote	2.29E-03	See footnote	2.29E-03	See footnote	2.29E-03	0.00E+00	6.87E-04	0.138	0.309	0.690	4.98E-03	2.23E-03	9.95E-04
Aroclor-1248	7.20E-03	Regression	4.97E-03	0.184	1.33E-03	See footnote	1.44E-03	See footnote	1.44E-03	See footnote	1.44E-03	0.00E+00	7.42E-04	0.138	0.309	0.690	5.37E-03	2.40E-03	1.07E-03
Aroclor-1254	3.30E-03	Regression	1.72E-03	0.139	4.60E-04	See footnote	5.16E-04	See footnote	5.16E-04	See footnote	5.16E-04	0.00E+00	2.60E-04	0.138	0.309	0.690	1.88E-03	8.42E-04	3.77E-04
Aroclor-1260	4.80E-02	Regression	6.57E-02	0.105	5.05E-03	See footnote	5.91E-03	See footnote	5.91E-03	See footnote	5.91E-03	0.00E+00	9.61E-03	0.138	0.309	0.690	6.97E-02	3.11E-02	1.39E-02
Pesticides																			
Disulfoton	1.40E-01	1.000	1.40E-01	1.467	2.05E-01	See footnote	2.04E-01	See footnote	2.04E-01	See footnote	2.04E-01	0.00E+00	2.06E-02	0.009	0.016	0.030	**2.293329**	**1.256108**	0.687999
Volatile/Semivolatile Organics																			
1,1,1,2-Tetrachloroethane	1.00E-03	1.000	1.00E-03	1.000	1.00E-03	See footnote	1.00E-03	See footnote	1.00E-03	See footnote	1.00E-03	0.00E+00	1.47E-04	76.0	170	380	1.94E-06	8.68E-07	3.88E-07
1,1,2,2-Tetrachloroethane	2.30E-03	1.000	2.30E-03	1.000	2.30E-03	See footnote	2.30E-03	See footnote	2.30E-03	See footnote	2.30E-03	0.00E+00	3.39E-04	76.0	170	380	4.46E-06	2.00E-06	8.92E-07
1,2,4,5-Tetrachlorobenzene	1.50E-01	0.500	7.50E-02	0.792	1.19E-01	See footnote	1.19E-01	See footnote	1.19E-01	See footnote	1.19E-01	0.00E+00	1.14E-02	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	1.80E-01	0.560	1.01E-01	1.426	2.57E-01	See footnote	2.55E-01	See footnote	2.55E-01	See footnote	2.55E-01	0.00E+00	1.52E-02	53.0	75.0	106	2.87E-04	2.03E-04	1.43E-04
1,2-Dichlorobenzene	1.70E-01	1.000	1.70E-01	2.452	4.17E-01	See footnote	4.12E-01	See footnote	4.12E-01	See footnote	4.12E-01	0.00E+00	2.51E-02	85.7	192	429	2.92E-04	1.31E-04	5.85E-05
1,3-Dichlorobenzene	1.50E-01	1.000	1.50E-01	2.296	3.44E-01	See footnote	3.41E-01	See footnote	3.41E-01	See footnote	3.41E-01	0.00E+00	2.21E-02	85.7	192	429	2.58E-04	1.15E-04	5.16E-05
1,4-Dichlorobenzene	9.10E-03	1.000	9.10E-03	2.475	2.25E-02	See footnote	2.23E-02	See footnote	2.23E-02	See footnote	2.23E-02	0.00E+00	1.34E-03	30.0	52.0	90.0	4.47E-05	2.58E-05	1.49E-05
4-Bromophenyl-phenylether	1.70E-01	1.000	1.70E-01	0.566	9.61E-02	See footnote	9.76E-02	See footnote	9.76E-02	See footnote	9.76E-02	0.00E+00	2.51E-02	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	1.50E-01	1.000	1.50E-01	0.593	8.89E-02	See footnote	9.01E-02	See footnote	9.01E-02	See footnote	9.01E-02	0.00E+00	2.21E-02	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1.67E-01	0.270	4.51E-02	Regression	2.30E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	7.15E-03	0.62	1.37	3.07	1.16E-02	5.20E-03	2.33E-03
Benzo(a)pyrene	1.40E-01	0.340	4.76E-02	Regression	1.87E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	7.40E-03	0.62	1.37	3.07	1.20E-02	5.38E-03	2.41E-03
Benzo(b)fluoranthene	1.85E-01	0.210	3.89E-02	0.310	5.74E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	6.33E-03	0.62	1.37	3.07	1.03E-02	4.61E-03	2.06E-03
Benzo(g,h,i)perylene	2.90E-01	0.150	4.35E-02	Regression	9.11E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	7.43E-03	0.62	1.37	3.07	1.21E-02	5.41E-03	2.42E-03
Benzo(k)fluoranthene	1.49E-01	0.210	3.13E-02	Regression	2.25E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	5.10E-03	0.62	1.37	3.07	8.29E-03	3.71E-03	1.66E-03
Chrysene	1.81E-01	0.440	7.96E-02	Regression	2.41E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	1.22E-02	0.62	1.37	3.07	1.98E-02	8.85E-03	3.96E-03
Dibenz(a,h)anthracene	3.44E-02	0.490	1.69E-02	0.130	4.47E-03	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	2.56E-03	0.62	1.37	3.07	4.16E-03	1.86E-03	8.33E-04
Hexachlorobenzene	1.60E-01	1.690	2.70E-01	0.246	3.94E-02	See footnote	4.18E-02	See footnote	4.18E-02	See footnote	4.18E-02	0.00E+00	3.94E-02	2.00	2.83	4.00	1.97E-02	1.39E-02	9.85E-03
Hexachlorobutadiene	2.20E-01	1.000	2.20E-01	0.675	1.49E-01	See footnote	1.50E-01	See footnote	1.50E-01	See footnote	1.50E-01	0.00E+00	3.24E-02	2.00	6.32	20.0	1.62E-02	5.13E-03	1.62E-03

Attachment 1, Table 1-2

Summary of Indian Mongoose Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Omnivore Soil-Mammal BAF	Omnivore Small Mammal Concentration (mg/kg dw)	Herbivore Soil-Mammal BAF	Herbivore Small Mammal Concentration (mg/kg dw)	Insectivore Soil-Mammal BAF	Insectivore Small Mammal Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Hexachlorocyclopentadiene	3.40E-01	1.000	3.40E-01	0.393	1.34E-01	See footnote	1.38E-01	See footnote	1.38E-01	See footnote	1.38E-01	0.00E+00	5.01E-02	75.0	168	375	6.68E-04	2.99E-04	1.34E-04
Hexachloroethane	1.80E-01	1.000	1.80E-01	1.439	2.59E-01	See footnote	2.58E-01	See footnote	2.58E-01	See footnote	2.58E-01	0.00E+00	2.65E-02	100	224	500	2.65E-04	1.19E-04	5.31E-05
Indeno(1,2,3-cd)pyrene	1.08E-01	0.410	4.43E-02	0.110	1.19E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	6.79E-03	0.62	1.37	3.07	1.10E-02	4.94E-03	2.21E-03
Pentachlorobenzene	1.50E-01	1.060	1.59E-01	0.444	6.65E-02	See footnote	6.82E-02	See footnote	6.82E-02	See footnote	6.82E-02	0.00E+00	2.34E-02	7.25	16.2	36.3	3.23E-03	1.44E-03	6.46E-04
Pentachloronitrobenzene	1.40E-01	1.000	1.40E-01	0.792	1.11E-01	See footnote	1.11E-01	See footnote	1.11E-01	See footnote	1.11E-01	0.00E+00	2.06E-02	458	1,024	2,290	4.51E-05	2.02E-05	9.01E-06
Pyrene	2.85E-01	0.390	1.11E-01	0.720	2.05E-01	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	1.71E-02	0.62	1.37	3.07	2.78E-02	1.24E-02	5.57E-03

Attachment 1, Table 1-2

Summary of Indian Mongoose Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Omnivore Soil-Mammal BAF	Omnivore Small Mammal Concentration (mg/kg dw)	Herbivore Soil-Mammal BAF	Herbivore Small Mammal Concentration (mg/kg dw)	Insectivore Soil-Mammal BAF	Insectivore Small Mammal Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ

It was assumed that the concentration of each chemical in the small mammal's tissues was equal to the chemical concentration in its diet, that is, a diet to whole-body BAF of 1.0 was assumed

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specifi = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0460 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specifi = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.972 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specifi = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (terrestrial plants)
FCxi = Chemical-specifi = Concentration of chemical in food item (omnivorous small mammals, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (omnivorous small mammals)
FCxi = Chemical-specifi = Concentration of chemical in food item (herbivorous small mammals, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (herbivorous small mammals)
FCxi = Chemical-specifi = Concentration of chemical in food item (insectivorous small mammals, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (insectivorous small mammals)
SCx = Chemical-specifi = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.028 = Proportion of diet composed of soil
WIR = 0.0933 = Water ingestion rate (L/day)
WC = Chemical-specifi = Concentration of chemical in water (mg/L)
BW = 0.312 = Body weight (kg)

Attachment 1, Table 1-3

Summary of Pearly-eyed Thrasher Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals													
Antimony	4.00E+00	1.000	4.00E+00	Regression	1.45E-01	0.00E+00	8.71E-01	NA	NA	NA	NA	NA	NA
Arsenic	1.02E+02	Regression	6.32E+00	Regression	1.85E+00	0.00E+00	2.34E+00	2.24	5.01	11.2	**1.04E+00**	4.66E-01	2.08E-01
Cadmium	1.50E+00	Regression	1.14E+01	Regression	7.75E-01	0.00E+00	2.39E+00	1.47	3.29	7.35	**1.63E+00**	7.27E-01	3.25E-01
Chromium	1.97E+02	3.162	6.23E+02	0.084	1.65E+01	0.00E+00	1.31E+02	2.66	5.95	13.3	**4.94E+01**	**2.21E+01**	**9.88E+00**
Copper	2.80E+02	Regression	2.36E+01	Regression	1.80E+01	0.00E+00	7.71E+00	4.05	7.00	12.1	**1.90E+00**	**1.10E+00**	6.37E-01
Lead	1.57E+02	Regression	4.76E+01	Regression	4.52E+00	0.00E+00	1.15E+01	3.85	8.61	19.3	**2.98E+00**	**1.33E+00**	5.95E-01
Mercury	1.68E-01	20.63	3.47E+00	Regression	1.40E-01	0.00E+00	7.21E-01	0.49	0.77	1.20	**1.47E+00**	9.41E-01	6.01E-01
Selenium	1.40E+00	Regression	1.19E+00	Regression	7.36E-01	0.00E+00	2.61E-01	0.44	0.81	1.50	5.92E-01	3.21E-01	1.74E-01
Vanadium	4.10E+02	0.088	3.61E+01	0.010	3.98E+00	0.00E+00	1.16E+01	0.34	0.49	0.69	**3.37E+01**	**2.38E+01**	**1.69E+01**
Zinc	6.61E+02	Regression	7.20E+02	Regression	1.78E+02	0.00E+00	1.56E+02	66.1	148	331	**2.36E+00**	**1.06E+00**	4.72E-01
Polychlorinated Biphenyls													
Aroclor-1016	5.40E-03	Regression	3.36E-03	0.323	1.74E-03	0.00E+00	7.52E-04	0.41	0.92	2.05	1.83E-03	8.20E-04	3.67E-04
Aroclor-1221	1.80E-02	Regression	1.73E-02	0.749	1.35E-02	0.00E+00	3.77E-03	0.41	0.92	2.05	9.20E-03	4.11E-03	1.84E-03
Aroclor-1232	1.10E-02	Regression	8.84E-03	0.515	5.67E-03	0.00E+00	1.95E-03	0.41	0.92	2.05	4.75E-03	2.12E-03	9.50E-04
Aroclor-1242	6.80E-03	Regression	4.60E-03	0.323	2.20E-03	0.00E+00	1.02E-03	0.41	0.92	2.05	2.49E-03	1.12E-03	4.99E-04
Aroclor-1248	7.20E-03	Regression	4.97E-03	0.184	1.33E-03	0.00E+00	1.10E-03	0.41	0.92	2.05	2.69E-03	1.20E-03	5.39E-04
Aroclor-1254	3.30E-03	Regression	1.72E-03	0.139	4.60E-04	0.00E+00	3.90E-04	0.41	0.92	2.05	9.51E-04	4.25E-04	1.90E-04
Aroclor-1260	4.80E-02	Regression	6.57E-02	0.105	5.05E-03	0.00E+00	1.41E-02	0.41	0.92	2.05	3.45E-02	1.54E-02	6.89E-03
Pesticides													
Disulfoton	1.40E-01	1.000	1.40E-01	1.467	2.05E-01	0.00E+00	3.05E-02	0.78	1.74	3.90	3.91E-02	1.75E-02	7.82E-03
Volatile/Semivolatile Organics													
1,1,1,2-Tetrachloroethane	1.00E-03	1.000	1.00E-03	1.000	1.00E-03	0.00E+00	2.18E-04	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	2.30E-03	1.000	2.30E-03	1.000	2.30E-03	0.00E+00	5.01E-04	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	1.50E-01	0.500	7.50E-02	0.792	1.19E-01	0.00E+00	1.71E-02	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	1.80E-01	0.560	1.01E-01	1.426	2.57E-01	0.00E+00	2.27E-02	32.2	71.9	161	7.07E-04	3.16E-04	1.41E-04
1,2-Dichlorobenzene	1.70E-01	1.000	1.70E-01	2.452	4.17E-01	0.00E+00	3.70E-02	32.2	71.9	161	1.15E-03	5.15E-04	2.30E-04
1,3-Dichlorobenzene	1.50E-01	1.000	1.50E-01	2.296	3.44E-01	0.00E+00	3.27E-02	32.2	71.9	161	1.02E-03	4.54E-04	2.03E-04
1,4-Dichlorobenzene	9.10E-03	1.000	9.10E-03	2.475	2.25E-02	0.00E+00	1.98E-03	32.2	71.9	161	6.16E-05	2.76E-05	1.23E-05
4-Bromophenyl-phenylether	1.70E-01	1.000	1.70E-01	0.566	9.61E-02	0.00E+00	3.70E-02	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	1.50E-01	1.000	1.50E-01	0.593	8.89E-02	0.00E+00	3.27E-02	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1.67E-01	0.270	4.51E-02	Regression	2.30E-02	0.00E+00	1.10E-02	7.10	15.9	35.5	1.55E-03	6.95E-04	3.11E-04
Benzo(a)pyrene	1.40E-01	0.340	4.76E-02	Regression	1.87E-02	0.00E+00	1.13E-02	7.10	15.9	35.5	1.59E-03	7.11E-04	3.18E-04
Benzo(b)fluoranthene	1.85E-01	0.210	3.89E-02	0.310	5.74E-02	0.00E+00	9.92E-03	7.10	15.9	35.5	1.40E-03	6.25E-04	2.80E-04
Benzo(g,h,i)perylene	2.90E-01	0.150	4.35E-02	Regression	9.11E-02	0.00E+00	1.19E-02	7.10	15.9	35.5	1.68E-03	7.52E-04	3.36E-04
Benzo(k)fluoranthene	1.49E-01	0.210	3.13E-02	Regression	2.25E-02	0.00E+00	7.99E-03	7.10	15.9	35.5	1.13E-03	5.03E-04	2.25E-04

Attachment 1, Table 1-3

Summary of Pearly-eyed Thrasher Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Chrysene	1.81E-01	0.440	7.96E-02	Regression	2.41E-02	0.00E+00	1.84E-02	7.10	15.9	35.5	2.59E-03	1.16E-03	5.17E-04
Dibenz(a,h)anthracene	3.44E-02	0.490	1.69E-02	0.130	4.47E-03	0.00E+00	3.85E-03	7.10	15.9	35.5	5.42E-04	2.42E-04	1.08E-04
Hexachlorobenzene	1.60E-01	1.690	2.70E-01	0.246	3.94E-02	0.00E+00	5.78E-02	0.11	0.25	0.57	5.11E-01	2.29E-01	1.02E-01
Hexachlorobutadiene	2.20E-01	1.000	2.20E-01	0.675	1.49E-01	0.00E+00	4.79E-02	3.39	7.58	17.0	1.41E-02	6.32E-03	2.83E-03
Hexachlorocyclopentadiene	3.40E-01	1.000	3.40E-01	0.393	1.34E-01	0.00E+00	7.40E-02	NA	NA	NA	NA	NA	NA
Hexachloroethane	1.80E-01	1.000	1.80E-01	1.439	2.59E-01	0.00E+00	3.92E-02	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	1.08E-01	0.410	4.43E-02	0.110	1.19E-02	0.00E+00	1.03E-02	7.10	15.9	35.5	1.45E-03	6.47E-04	2.90E-04
Pentachlorobenzene	1.50E-01	1.060	1.59E-01	0.444	6.65E-02	0.00E+00	3.45E-02	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	1.40E-01	1.000	1.40E-01	0.792	1.11E-01	0.00E+00	3.05E-02	7.07	22.4	70.7	4.31E-03	1.36E-03	4.31E-04
Pyrene	2.85E-01	0.390	1.11E-01	0.720	2.05E-01	0.00E+00	2.59E-02	7.10	15.9	35.5	3.65E-03	1.63E-03	7.31E-04

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specifi = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0174 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specifi = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.954 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specifi = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (terrestrial plants)
SCx = Chemical-specifi = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.046 = Proportion of diet composed of soil
WIR = 0.0157 = Water ingestion rate (L/day)
WC = Chemical-specifi = Concentration of chemical in water (mg/L)
BW = 0.080 = Body weight (kg)

Attachment 1, Table 1-4

Summary of Red-tailed Hawk Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Omnivore Soil-Mammal BAF	Omnivore Small Mammal Concentration (mg/kg dw)	Herbivore Soil-Mammal BAF	Herbivore Small Mammal Concentration (mg/kg dw)	Insectivore Soil-Mammal BAF	Insectivore Small Mammal Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals																			
Antimony	4.00E+00	1.000	4.00E+00	Regression	1.45E-01	See footnote	2.22E-01	See footnote	2.22E-01	See footnote	2.22E-01	0.00E+00	9.16E-03	NA	NA	NA	NA	NA	NA
Arsenic	1.02E+02	Regression	6.32E+00	Regression	1.85E+00	Regression	3.08E-01	Regression	6.78E-01	Regression	3.46E-01	0.00E+00	1.27E-02	2.24	5.01	11.2	5.67E-03	2.54E-03	1.13E-03
Cadmium	1.50E+00	Regression	1.14E+01	Regression	7.75E-01	Regression	2.70E-01	Regression	3.45E-01	Regression	3.34E+00	0.00E+00	1.12E-02	1.47	3.29	7.35	7.59E-03	3.39E-03	1.52E-03
Chromium	1.97E+02	3.162	6.23E+02	0.084	1.65E+01	Regression	1.08E+01	Regression	1.12E+01	Regression	1.12E+01	0.00E+00	4.44E-01	2.66	5.95	13.3	1.67E-01	7.47E-02	3.34E-02
Copper	2.80E+02	Regression	2.36E+01	Regression	1.80E+01	Regression	1.95E+01	Regression	1.74E+01	Regression	2.24E+01	0.00E+00	8.05E-01	4.05	7.00	12.1	1.99E-01	1.15E-01	6.65E-02
Lead	1.57E+02	Regression	4.76E+01	Regression	4.52E+00	Regression	1.01E+01	Regression	7.45E+00	Regression	1.90E+01	0.00E+00	4.17E-01	3.85	8.61	19.3	1.08E-01	4.84E-02	2.17E-02
Mercury	1.68E-01	20.63	3.47E+00	Regression	1.40E-01	0.130	2.18E-02	0.192	3.23E-02	0.192	3.23E-02	0.00E+00	9.02E-04	0.49	0.77	1.20	1.84E-03	1.18E-03	7.52E-04
Selenium	1.40E+00	Regression	1.19E+00	Regression	7.36E-01	Regression	7.49E-01	Regression	7.49E-01	Regression	7.49E-01	0.00E+00	3.09E-02	0.44	0.81	1.50	7.03E-02	3.81E-02	2.06E-02
Vanadium	4.10E+02	0.088	3.61E+01	0.010	3.98E+00	0.013	5.38E+00	0.019	7.79E+00	0.018	7.34E+00	0.00E+00	2.22E-01	0.34	0.49	0.69	6.45E-01	4.56E-01	3.23E-01
Zinc	6.61E+02	Regression	7.20E+02	Regression	1.78E+02	Regression	1.41E+02	Regression	1.24E+02	Regression	1.65E+02	0.00E+00	5.83E+00	66.1	148	331	8.82E-02	3.95E-02	1.76E-02
Polychlorinated Biphenyls																			
Aroclor-1016	5.40E-03	Regression	3.36E-03	0.323	1.74E-03	See footnote	1.82E-03	See footnote	1.82E-03	See footnote	1.82E-03	0.00E+00	7.50E-05	0.41	0.92	2.05	1.83E-04	8.18E-05	3.66E-05
Aroclor-1221	1.80E-02	Regression	1.73E-02	0.749	1.35E-02	See footnote	1.36E-02	See footnote	1.36E-02	See footnote	1.36E-02	0.00E+00	5.60E-04	0.41	0.92	2.05	1.37E-03	6.11E-04	2.73E-04
Aroclor-1232	1.10E-02	Regression	8.84E-03	0.515	5.67E-03	See footnote	5.77E-03	See footnote	5.77E-03	See footnote	5.77E-03	0.00E+00	2.38E-04	0.41	0.92	2.05	5.81E-04	2.60E-04	1.16E-04
Aroclor-1242	6.80E-03	Regression	4.60E-03	0.323	2.20E-03	See footnote	2.29E-03	See footnote	2.29E-03	See footnote	2.29E-03	0.00E+00	9.45E-05	0.41	0.92	2.05	2.30E-04	1.03E-04	4.61E-05
Aroclor-1248	7.20E-03	Regression	4.97E-03	0.184	1.33E-03	See footnote	1.44E-03	See footnote	1.44E-03	See footnote	1.44E-03	0.00E+00	5.97E-05	0.41	0.92	2.05	1.46E-04	6.51E-05	2.91E-05
Aroclor-1254	3.30E-03	Regression	1.72E-03	0.139	4.60E-04	See footnote	5.16E-04	See footnote	5.16E-04	See footnote	5.16E-04	0.00E+00	2.13E-05	0.41	0.92	2.05	5.20E-05	2.33E-05	1.04E-05
Aroclor-1260	4.80E-02	Regression	6.57E-02	0.105	5.05E-03	See footnote	5.91E-03	See footnote	5.91E-03	See footnote	5.91E-03	0.00E+00	2.44E-04	0.41	0.92	2.05	5.95E-04	2.66E-04	1.19E-04
Pesticides																			
Disulfoton	1.40E-01	1.000	1.40E-01	1.467	2.05E-01	See footnote	2.04E-01	See footnote	2.04E-01	See footnote	2.04E-01	0.00E+00	8.43E-03	0.78	1.74	3.90	1.08E-02	4.84E-03	2.16E-03
Volatile/Semivolatile Organics																			
1,1,1,2-Tetrachloroethane	1.00E-03	1.000	1.00E-03	1.000	1.00E-03	See footnote	1.00E-03	See footnote	1.00E-03	See footnote	1.00E-03	0.00E+00	4.13E-05	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	2.30E-03	1.000	2.30E-03	1.000	2.30E-03	See footnote	2.30E-03	See footnote	2.30E-03	See footnote	2.30E-03	0.00E+00	9.50E-05	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	1.50E-01	0.500	7.50E-02	0.792	1.19E-01	See footnote	1.19E-01	See footnote	1.19E-01	See footnote	1.19E-01	0.00E+00	4.93E-03	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	1.80E-01	0.560	1.01E-01	1.426	2.57E-01	See footnote	2.55E-01	See footnote	2.55E-01	See footnote	2.55E-01	0.00E+00	1.05E-02	32.2	71.9	161	3.28E-04	1.47E-04	6.55E-05
1,2-Dichlorobenzene	1.70E-01	1.000	1.70E-01	2.452	4.17E-01	See footnote	4.12E-01	See footnote	4.12E-01	See footnote	4.12E-01	0.00E+00	1.70E-02	32.2	71.9	161	5.29E-04	2.36E-04	1.06E-04
1,3-Dichlorobenzene	1.50E-01	1.000	1.50E-01	2.296	3.44E-01	See footnote	3.41E-01	See footnote	3.41E-01	See footnote	3.41E-01	0.00E+00	1.41E-02	32.2	71.9	161	4.37E-04	1.96E-04	8.75E-05
1,4-Dichlorobenzene	9.10E-03	1.000	9.10E-03	2.475	2.25E-02	See footnote	2.23E-02	See footnote	2.23E-02	See footnote	2.23E-02	0.00E+00	9.19E-04	32.2	71.9	161	2.86E-05	1.28E-05	5.71E-06
4-Bromophenyl-phenylether	1.70E-01	1.000	1.70E-01	0.566	9.61E-02	See footnote	9.76E-02	See footnote	9.76E-02	See footnote	9.76E-02	0.00E+00	4.03E-03	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	1.50E-01	1.000	1.50E-01	0.593	8.89E-02	See footnote	9.01E-02	See footnote	9.01E-02	See footnote	9.01E-02	0.00E+00	3.72E-03	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1.67E-01	0.270	4.51E-02	Regression	2.30E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	0.00E+00	7.10	15.9	35.5	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	1.40E-01	0.340	4.76E-02	Regression	1.87E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	0.00E+00	7.10	15.9	35.5	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	1.85E-01	0.210	3.89E-02	0.310	5.74E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	0.00E+00	7.10	15.9	35.5	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	2.90E-01	0.150	4.35E-02	Regression	9.11E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	0.00E+00	7.10	15.9	35.5	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	1.49E-01	0.210	3.13E-02	Regression	2.25E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	0.00E+00	7.10	15.9	35.5	0.00E+00	0.00E+00	0.00E+00
Chrysene	1.81E-01	0.440	7.96E-02	Regression	2.41E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	0.00E+00	7.10	15.9	35.5	0.00E+00	0.00E+00	0.00E+00
Dibenz(a,h)anthracene	3.44E-02	0.490	1.69E-02	0.130	4.47E-03	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	0.00E+00	7.10	15.9	35.5	0.00E+00	0.00E+00	0.00E+00
Hexachlorobenzene	1.60E-01	1.690	2.70E-01	0.246	3.94E-02	See footnote	4.18E-02	See footnote	4.18E-02	See footnote	4.18E-02	0.00E+00	1.73E-03	0.11	0.25	0.57	1.53E-02	6.83E-03	3.06E-03
Hexachlorobutadiene	2.20E-01	1.000	2.20E-01	0.675	1.49E-01	See footnote	1.50E-01	See footnote	1.50E-01	See footnote	1.50E-01	0.00E+00	6.20E-03	3.39	7.58	17.0	1.83E-03	8.17E-04	3.66E-04
Hexachlorocyclopentadiene	3.40E-01	1.000	3.40E-01	0.393	1.34E-01	See footnote	1.38E-01	See footnote	1.38E-01	See footnote	1.38E-01	0.00E+00	5.69E-03	NA	NA	NA	NA	NA	NA
Hexachloroethane	1.80E-01	1.000	1.80E-01	1.439	2.59E-01	See footnote	2.58E-01	See footnote	2.58E-01	See footnote	2.58E-01	0.00E+00	1.06E-02	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	1.08E-01	0.410	4.43E-02	0.110	1.19E-02	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	0.00E+00	7.10	15.9	35.5	0.00E+00	0.00E+00	0.00E+00
Pentachlorobenzene	1.50E-01	1.060	1.59E-01	0.444	6.65E-02	See footnote	6.82E-02	See footnote	6.82E-02	See footnote	6.82E-02	0.00E+00	2.82E-03	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	1.40E-01	1.000	1.40E-01	0.792	1.11E-01	See footnote	1.11E-01	See footnote	1.11E-01	See footnote	1.11E-01	0.00E+00	4.60E-03	7.07	22.4	70.7	6.51E-04	2.06E-04	6.51E-05
Pyrene	2.85E-01	0.390	1.11E-01	0.720	2.05E-01	0.000	0.00E+00	0.000	0.00E+00	0.000	0.00E+00	0.00E+00	0.00E+00	7.10	15.9	35.5	0.00E+00	0.00E+00	0.00E+00

Attachment 1, Table 1-4

Summary of Red-tailed Hawk Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Omnivore Soil-Mammal BAF	Omnivore Small Mammal Concentration (mg/kg dw)	Herbivore Soil-Mammal BAF	Herbivore Small Mammal Concentration (mg/kg dw)	Insectivore Soil-Mammal BAF	Insectivore Small Mammal Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
It was assumed that the concentration of each chemical in the small mammal's tissues was equal to the chemical concentration in its diet, that is, a diet to whole-body BAF of 1.0 was assumed																			

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI =	Chemical-specifi	=	Dietary intake for chemical (mg chemical/kg body weight/day)
FIR =	0.0395	=	Food ingestion rate (kg/day dry weight)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi =	0.000	=	Proportion of diet composed of food item (soil invertebrates)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi =	0.000	=	Proportion of diet composed of food item (terrestrial plants)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (omnivorous small mammals, dry weight basis)
PDFi =	1.000	=	Proportion of diet composed of food item (omnivorous small mammals)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (herbivorous small mammals, dry weight basis)
PDFi =	0.000	=	Proportion of diet composed of food item (herbivorous small mammals)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (insectivorous small mammals, dry weight basis)
PDFi =	0.000	=	Proportion of diet composed of food item (insectivorous small mammals)
SCx =	Chemical-specifi	=	Concentration of chemical in soil (mg/kg, dry weight)
PDS =	0.000	=	Proportion of diet composed of soil
WIR =	0.0680	=	Water ingestion rate (L/day)
WC =	Chemical-specifi	=	Concentration of chemical in water (mg/L)
BW =	0.957	=	Body weight (kg)

Attachment 1, Table 1-5

Summary of Common Ground Dove Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals													
Antimony	4.00E+00	1.000	4.00E+00	Regression	1.45E-01	0.00E+00	1.23E-01	NA	NA	NA	NA	NA	NA
Arsenic	1.02E+02	Regression	6.32E+00	Regression	1.85E+00	0.00E+00	2.50E+00	2.24	5.01	11.2	**1.11E+00**	4.98E-01	2.23E-01
Cadmium	1.50E+00	Regression	1.14E+01	Regression	7.75E-01	0.00E+00	2.95E-01	1.47	3.29	7.35	2.01E-01	8.98E-02	4.02E-02
Chromium	1.97E+02	3.162	6.23E+02	0.084	1.65E+01	0.00E+00	9.29E+00	2.66	5.95	13.3	**3.49E+00**	**1.56E+00**	6.99E-01
Copper	2.80E+02	Regression	2.36E+01	Regression	1.80E+01	0.00E+00	1.13E+01	4.05	7.00	12.1	**2.79E+00**	**1.61E+00**	9.34E-01
Lead	1.57E+02	Regression	4.76E+01	Regression	4.52E+00	0.00E+00	4.42E+00	1.63	2.31	3.26	**2.71E+00**	**1.92E+00**	**1.35E+00**
Mercury	1.68E-01	20.63	3.47E+00	Regression	1.40E-01	0.00E+00	5.14E-02	0.45	0.64	0.90	1.14E-01	8.08E-02	5.71E-02
Selenium	1.40E+00	Regression	1.19E+00	Regression	7.36E-01	0.00E+00	2.80E-01	0.29	0.41	0.58	9.65E-01	6.83E-01	4.83E-01
Vanadium	4.10E+02	0.088	3.61E+01	0.010	3.98E+00	0.00E+00	8.83E+00	0.34	0.49	0.69	**2.57E+01**	**1.82E+01**	**1.28E+01**
Zinc	6.61E+02	Regression	7.20E+02	Regression	1.78E+02	0.00E+00	7.34E+01	66.1	148	331	**1.11E+00**	4.96E-01	2.22E-01
Polychlorinated Biphenyls													
Aroclor-1016	5.40E-03	Regression	3.36E-03	0.323	1.74E-03	0.00E+00	7.01E-04	0.36	0.80	1.80	1.95E-03	8.70E-04	3.89E-04
Aroclor-1221	1.80E-02	Regression	1.73E-02	0.749	1.35E-02	0.00E+00	4.98E-03	0.36	0.80	1.80	1.38E-02	6.19E-03	2.77E-03
Aroclor-1232	1.10E-02	Regression	8.84E-03	0.515	5.67E-03	0.00E+00	2.16E-03	0.36	0.80	1.80	5.99E-03	2.68E-03	1.20E-03
Aroclor-1242	6.80E-03	Regression	4.60E-03	0.323	2.20E-03	0.00E+00	8.82E-04	0.36	0.80	1.80	2.45E-03	1.10E-03	4.90E-04
Aroclor-1248	7.20E-03	Regression	4.97E-03	0.184	1.33E-03	0.00E+00	5.90E-04	0.36	0.80	1.80	1.64E-03	7.32E-04	3.28E-04
Aroclor-1254	3.30E-03	Regression	1.72E-03	0.139	4.60E-04	0.00E+00	2.19E-04	0.36	0.80	1.80	6.08E-04	2.72E-04	1.22E-04
Aroclor-1260	4.80E-02	Regression	6.57E-02	0.105	5.05E-03	0.00E+00	2.62E-03	0.36	0.80	1.80	7.27E-03	3.25E-03	1.45E-03
Pesticides													
Disulfoton	1.40E-01	1.000	1.40E-01	1.467	2.05E-01	0.00E+00	7.35E-02	0.78	1.74	3.90	9.43E-02	4.22E-02	1.89E-02
Volatile/Semivolatile Organics													
1,1,1,2-Tetrachloroethane	1.00E-03	1.000	1.00E-03	1.000	1.00E-03	0.00E+00	3.64E-04	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	2.30E-03	1.000	2.30E-03	1.000	2.30E-03	0.00E+00	8.37E-04	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	1.50E-01	0.500	7.50E-02	0.792	1.19E-01	0.00E+00	4.38E-02	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	1.80E-01	0.560	1.01E-01	1.426	2.57E-01	0.00E+00	9.20E-02	32.2	71.9	161	2.86E-03	1.28E-03	5.72E-04
1,2-Dichlorobenzene	1.70E-01	1.000	1.70E-01	2.452	4.17E-01	0.00E+00	1.47E-01	32.2	71.9	161	4.57E-03	2.05E-03	9.15E-04
1,3-Dichlorobenzene	1.50E-01	1.000	1.50E-01	2.296	3.44E-01	0.00E+00	1.22E-01	32.2	71.9	161	3.79E-03	1.69E-03	7.57E-04
1,4-Dichlorobenzene	9.10E-03	1.000	9.10E-03	2.475	2.25E-02	0.00E+00	7.95E-03	32.2	71.9	161	2.47E-04	1.11E-04	4.94E-05
4-Bromophenyl-phenylether	1.70E-01	1.000	1.70E-01	0.566	9.61E-02	0.00E+00	3.63E-02	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	1.50E-01	1.000	1.50E-01	0.593	8.89E-02	0.00E+00	3.34E-02	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	1.67E-01	0.270	4.51E-02	Regression	2.30E-02	0.00E+00	1.10E-02	7.10	15.9	35.5	1.55E-03	6.92E-04	3.10E-04
Benzo(a)pyrene	1.40E-01	0.340	4.76E-02	Regression	1.87E-02	0.00E+00	9.01E-03	7.10	15.9	35.5	1.27E-03	5.68E-04	2.54E-04
Benzo(b)fluoranthene	1.85E-01	0.210	3.89E-02	0.310	5.74E-02	0.00E+00	2.32E-02	7.10	15.9	35.5	3.26E-03	1.46E-03	6.53E-04
Benzo(g,h,i)perylene	2.90E-01	0.150	4.35E-02	Regression	9.11E-02	0.00E+00	3.68E-02	7.10	15.9	35.5	5.18E-03	2.32E-03	1.04E-03
Benzo(k)fluoranthene	1.49E-01	0.210	3.13E-02	Regression	2.25E-02	0.00E+00	1.05E-02	7.10	15.9	35.5	1.48E-03	6.60E-04	2.95E-04

Attachment 1, Table 1-5

Summary of Common Ground Dove Exposure Doses - Screening (Step 2) - Maximum

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Maximum Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Maximum Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Chrysene	1.81E-01	0.440	7.96E-02	Regression	2.41E-02	0.00E+00	1.16E-02	7.10	15.9	35.5	1.64E-03	7.33E-04	3.28E-04
Dibenz(a,h)anthracene	3.44E-02	0.490	1.69E-02	0.130	4.47E-03	0.00E+00	2.17E-03	7.10	15.9	35.5	3.06E-04	1.37E-04	6.12E-05
Hexachlorobenzene	1.60E-01	1.690	2.70E-01	0.246	3.94E-02	0.00E+00	1.65E-02	0.11	0.25	0.57	1.46E-01	6.54E-02	2.92E-02
Hexachlorobutadiene	2.20E-01	1.000	2.20E-01	0.675	1.49E-01	0.00E+00	5.53E-02	3.39	7.58	17.0	1.63E-02	7.30E-03	3.27E-03
Hexachlorocyclopentadiene	3.40E-01	1.000	3.40E-01	0.393	1.34E-01	0.00E+00	5.23E-02	NA	NA	NA	NA	NA	NA
Hexachloroethane	1.80E-01	1.000	1.80E-01	1.439	2.59E-01	0.00E+00	9.28E-02	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	1.08E-01	0.410	4.43E-02	0.110	1.19E-02	0.00E+00	6.07E-03	7.10	15.9	35.5	8.55E-04	3.82E-04	1.71E-04
Pentachlorobenzene	1.50E-01	1.060	1.59E-01	0.444	6.65E-02	0.00E+00	2.57E-02	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	1.40E-01	1.000	1.40E-01	0.792	1.11E-01	0.00E+00	4.08E-02	7.07	22.4	70.7	5.78E-03	1.83E-03	5.78E-04
Pyrene	2.85E-01	0.390	1.11E-01	0.720	2.05E-01	0.00E+00	7.61E-02	7.10	15.9	35.5	1.07E-02	4.79E-03	2.14E-03

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specifi = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0081 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specifi = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specifi = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.950 = Proportion of diet composed of food item (terrestrial plants)
SCx = Chemical-specifi = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.05 = Proportion of diet composed of soil
WIR = 0.0070 = Water ingestion rate (L/day)
WC = Chemical-specifi = Concentration of chemical in water (mg/L)
BW = 0.0224 = Body weight (kg)

Attachment 1, Table 2-1

Summary of Norway Rat Exposure Doses - Baseline (Step 3A) - 95% UCL

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	95% UCL Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	95% UCL Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals													
Antimony	1.22E+00	1.000	1.22E+00	Regression	4.76E-02	0.00E+00	6.42E-02	0.059	0.187	0.590	**1.088642**	0.344259	0.108864
Arsenic	1.54E+01	Regression	1.67E+00	Regression	6.38E-01	0.00E+00	1.43E-01	0.25	0.56	1.26	5.66E-01	2.53E-01	1.13E-01
Cadmium	4.31E-01	Regression	4.24E+00	Regression	3.92E-01	0.00E+00	2.26E-01	0.77	2.43	7.70	2.94E-01	9.29E-02	2.94E-02
Chromium	4.80E+01	0.320	1.54E+01	0.041	1.97E+00	0.00E+00	9.37E-01	2.40	5.37	12.0	3.91E-01	1.75E-01	7.81E-02
Copper	1.08E+02	Regression	1.84E+01	Regression	1.23E+01	0.00E+00	1.71E+00	5.60	7.23	9.34	3.05E-01	2.36E-01	1.83E-01
Lead	3.10E+01	Regression	1.28E+01	Regression	1.82E+00	0.00E+00	7.74E-01	4.70	6.47	8.90	1.65E-01	1.20E-01	8.70E-02
Mercury	4.13E-02	1.186	4.90E-02	Regression	6.52E-02	0.00E+00	5.64E-03	0.032	0.072	0.160	1.76E-01	7.88E-02	3.52E-02
Vanadium	1.59E+02	0.039	6.19E+00	0.005	7.62E-01	0.00E+00	6.54E-01	4.16	5.88	8.31	1.57E-01	1.11E-01	7.86E-02
Zinc	2.13E+02	Regression	4.96E+02	Regression	9.46E+01	0.00E+00	2.92E+01	75.4	169	377	3.87E-01	1.73E-01	7.73E-02
Pesticides													
Disulfoton	--	--	--	--	--	--	--	--	--	--	--	--	--

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specifi = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0207 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specifi = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.490 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specifi = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.490 = Proportion of diet composed of food item (terrestrial plants)
SCx = Chemical-specifi = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.020 = Proportion of diet composed of soil
WIR = 0.0242 = Water ingestion rate (L/day)
WC = Chemical-specifi = Concentration of chemical in water (mg/L)
BW = 0.209 = Body weight (kg)

Attachment 1, Table 2-2

Summary of Indian Mongoose Exposure Doses - Baseline (Step 3A) - 95% UCL

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	95% UCL Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Omnivore Soil-Mammal BAF	Omnivore Small Mammal Concentration (mg/kg dw)	Herbivore Soil-Mammal BAF	Herbivore Small Mammal Concentration (mg/kg dw)	Insectivore Soil-Mammal BAF	Insectivore Small Mammal Concentration (mg/kg dw)	95% UCL Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals																			
Antimony	1.22E+00	1.000	1.22E+00	Regression	4.76E-02	See footnote	6.47E-01	See footnote	6.47E-01	See footnote	6.47E-01	0.00E+00	4.98E-02	0.059	0.187	0.590	0.84405	0.26691	0.08441
Arsenic	1.54E+01	Regression	1.67E+00	Regression	6.38E-01	Regression	7.67E-02	Regression	7.89E-02	Regression	7.37E-02	0.00E+00	7.92E-02	1.04	1.31	1.66	7.61E-02	6.03E-02	4.77E-02
Cadmium	4.31E-01	Regression	4.24E+00	Regression	3.92E-01	Regression	1.33E-01	Regression	1.91E-01	Regression	1.00E+00	0.00E+00	1.34E-01	0.77	2.43	7.70	1.75E-01	5.52E-02	1.75E-02
Chromium	4.80E+01	0.320	1.54E+01	0.041	1.97E+00	Regression	3.82E+00	Regression	3.97E+00	Regression	3.97E+00	0.00E+00	6.14E-01	2.40	5.37	12.0	2.56E-01	1.14E-01	5.11E-02
Copper	1.08E+02	Regression	1.84E+01	Regression	1.23E+01	Regression	1.51E+01	Regression	1.51E+01	Regression	1.89E+01	0.00E+00	1.04E+00	11.7	13.3	15.1	8.89E-02	7.82E-02	6.88E-02
Lead	3.10E+01	Regression	1.28E+01	Regression	1.82E+00	Regression	4.92E+00	Regression	3.21E+00	Regression	8.61E+00	0.00E+00	5.28E-01	4.70	6.47	8.90	1.12E-01	8.16E-02	5.93E-02
Mercury	4.13E-02	1.186	4.90E-02	Regression	6.52E-02	0.054	2.24E-03	0.067	2.77E-03	0.067	2.77E-03	0.00E+00	1.98E-03	0.15	0.19	0.25	1.32E-02	1.02E-02	7.93E-03
Vanadium	1.59E+02	0.039	6.19E+00	0.005	7.62E-01	0.010	1.65E+00	0.013	2.05E+00	0.012	1.95E+00	0.00E+00	4.60E-01	4.16	5.88	8.31	1.11E-01	7.82E-02	5.54E-02
Zinc	2.13E+02	Regression	4.96E+02	Regression	9.46E+01	Regression	1.30E+02	Regression	1.15E+02	Regression	1.42E+02	0.00E+00	1.81E+01	75.4	169	377	2.40E-01	1.07E-01	4.80E-02
Pesticides																			
Disulfoton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

It was assumed that the concentration of each chemical in the small mammal's tissues was equal to the chemical concentration in its diet, that is, a diet to whole-body BAF of 1.0 was assumed

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specifi = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0285 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specifi = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.564 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specifi = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.111 = Proportion of diet composed of food item (terrestrial plants)
FCxi = Chemical-specifi = Concentration of chemical in food item (omnivorous small mammals, dry weight basis)
PDFi = 0.297 = Proportion of diet composed of food item (omnivorous small mammals)
FCxi = Chemical-specifi = Concentration of chemical in food item (herbivorous small mammals, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (herbivorous small mammals)
FCxi = Chemical-specifi = Concentration of chemical in food item (insectivorous small mammals, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (insectivorous small mammals)
SCx = Chemical-specifi = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.028 = Proportion of diet composed of soil
WIR = 0.0557 = Water ingestion rate (L/day)
WC = Chemical-specifi = Concentration of chemical in water (mg/L)
BW = 0.528 = Body weight (kg)

Attachment 1, Table 2-3

Summary of Pearly-eyed Thrasher Exposure Doses - Baseline (Step 3A) - 95% UCL

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	95% UCL Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	95% UCL Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals													
Antimony	1.22E+00	1.000	1.22E+00	Regression	4.76E-02	0.00E+00	1.17E-01	NA	NA	NA	NA	NA	NA
Arsenic	1.54E+01	Regression	1.67E+00	Regression	6.38E-01	0.00E+00	2.48E-01	2.24	5.01	11.2	1.11E-01	4.95E-02	2.21E-02
Cadmium	4.31E-01	Regression	4.24E+00	Regression	3.92E-01	0.00E+00	3.91E-01	1.47	3.29	7.35	2.66E-01	1.19E-01	5.31E-02
Chromium	4.80E+01	0.320	1.54E+01	0.041	1.97E+00	0.00E+00	1.68E+00	2.66	5.95	13.3	6.31E-01	2.82E-01	1.26E-01
Copper	1.08E+02	Regression	1.84E+01	Regression	1.23E+01	0.00E+00	2.52E+00	4.05	7.00	12.1	6.23E-01	3.60E-01	2.08E-01
Lead	3.10E+01	Regression	1.28E+01	Regression	1.82E+00	0.00E+00	1.36E+00	3.85	8.61	19.3	3.53E-01	1.58E-01	7.06E-02
Mercury	4.13E-02	1.186	4.90E-02	Regression	6.52E-02	0.00E+00	6.15E-03	0.49	0.77	1.20	1.26E-02	8.02E-03	5.12E-03
Vanadium	1.59E+02	0.039	6.19E+00	0.005	7.62E-01	0.00E+00	1.44E+00	0.34	0.49	0.69	**4.18E+00**	**2.95E+00**	**2.09E+00**
Zinc	2.13E+02	Regression	4.96E+02	Regression	9.46E+01	0.00E+00	4.77E+01	66.1	148	331	7.22E-01	3.23E-01	1.44E-01
Pesticides													
Disulfoton	--	--	--	--	--	--	--	--	--	--	--	--	--

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI =	Chemical-specific	= Dietary intake for chemical (mg chemical/kg body weight/day)
FIR =	0.0123	= Food ingestion rate (kg/day dry weight)
FCxi =	Chemical-specific	= Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi =	0.754	= Proportion of diet composed of food item (soil invertebrates)
FCxi =	Chemical-specific	= Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi =	0.200	= Proportion of diet composed of food item (terrestrial plants)
SCx =	Chemical-specific	= Concentration of chemical in soil (mg/kg, dry weight)
PDS =	0.046	= Proportion of diet composed of soil
WIR =	0.0129	= Water ingestion rate (L/day)
WC =	Chemical-specific	= Concentration of chemical in water (mg/L)
BW =	0.104	= Body weight (kg)

Attachment 1, Table 2-4

Summary of Red-tailed Hawk Exposure Doses - Baseline (Step 3A) - 95% UCL

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	95% UCL Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Omnivore Soil-Mammal BAF	Omnivore Small Mammal Concentration (mg/kg dw)	Herbivore Soil-Mammal BAF	Herbivore Small Mammal Concentration (mg/kg dw)	Insectivore Soil-Mammal BAF	Insectivore Small Mammal Concentration (mg/kg dw)	95% UCL Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals																			
Antimony	1.22E+00	1.000	1.22E+00	Regression	4.76E-02	See footnote	6.47E-01	See footnote	6.47E-01	See footnote	6.47E-01	0.00E+00	2.07E-02	NA	NA	NA	NA	NA	NA
Arsenic	1.54E+01	Regression	1.67E+00	Regression	6.38E-01	Regression	7.67E-02	Regression	7.89E-02	Regression	7.37E-02	0.00E+00	2.45E-03	2.24	5.01	11.2	1.10E-03	4.90E-04	2.19E-04
Cadmium	4.31E-01	Regression	4.24E+00	Regression	3.92E-01	Regression	1.33E-01	Regression	1.91E-01	Regression	1.00E+00	0.00E+00	4.27E-03	1.47	3.29	7.35	2.90E-03	1.30E-03	5.81E-04
Chromium	4.80E+01	0.320	1.54E+01	0.041	1.97E+00	Regression	3.82E+00	Regression	3.97E+00	Regression	3.97E+00	0.00E+00	1.22E-01	2.66	5.95	13.3	4.60E-02	2.06E-02	9.20E-03
Copper	1.08E+02	Regression	1.84E+01	Regression	1.23E+01	Regression	1.51E+01	Regression	1.51E+01	Regression	1.89E+01	0.00E+00	4.83E-01	4.05	7.00	12.1	1.19E-01	6.90E-02	3.99E-02
Lead	3.10E+01	Regression	1.28E+01	Regression	1.82E+00	Regression	4.92E+00	Regression	3.21E+00	Regression	8.61E+00	0.00E+00	1.58E-01	3.85	8.61	19.3	4.09E-02	1.83E-02	8.18E-03
Mercury	4.13E-02	1.186	4.90E-02	Regression	6.52E-02	0.054	2.24E-03	0.067	2.77E-03	0.067	2.77E-03	0.00E+00	7.18E-05	0.49	0.77	1.20	1.46E-04	9.36E-05	5.98E-05
Vanadium	1.59E+02	0.039	6.19E+00	0.005	7.62E-01	0.010	1.65E+00	0.013	2.05E+00	0.012	1.95E+00	0.00E+00	5.27E-02	0.34	0.49	0.69	1.53E-01	1.08E-01	7.66E-02
Zinc	2.13E+02	Regression	4.96E+02	Regression	9.46E+01	Regression	1.30E+02	Regression	1.15E+02	Regression	1.42E+02	0.00E+00	4.16E+00	66.1	148	331	6.29E-02	2.81E-02	1.26E-02
Pesticides																			
Disulfoton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

It was assumed that the concentration of each chemical in the small mammal's tissues was equal to the chemical concentration in its diet, that is, a diet to whole-body BAF of 1.0 was assumed

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specifi = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0363 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specifi = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specifi = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (terrestrial plants)
FCxi = Chemical-specifi = Concentration of chemical in food item (omnivorous small mammals, dry weight basis)
PDFi = 1.000 = Proportion of diet composed of food item (omnivorous small mammals)
FCxi = Chemical-specifi = Concentration of chemical in food item (herbivorous small mammals, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (herbivorous small mammals)
FCxi = Chemical-specifi = Concentration of chemical in food item (insectivorous small mammals, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (insectivorous small mammals)
SCx = Chemical-specifi = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.000 = Proportion of diet composed of soil
WIR = 0.0642 = Water ingestion rate (L/day)
WC = Chemical-specifi = Concentration of chemical in water (mg/L)
BW = 1.134 = Body weight (kg)

Attachment 1, Table 2-5

Summary of Common Ground Dove Exposure Doses - Baseline (Step 3A) - 95% UCL

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	95% UCL Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	95% UCL Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals													
Antimony	1.22E+00	1.000	1.22E+00	Regression	4.76E-02	0.00E+00	2.28E-02	NA	NA	NA	NA	NA	NA
Arsenic	1.54E+01	Regression	1.67E+00	Regression	6.38E-01	0.00E+00	2.95E-01	2.24	5.01	11.2	1.32E-01	5.89E-02	2.63E-02
Cadmium	4.31E-01	Regression	4.24E+00	Regression	3.92E-01	0.00E+00	8.44E-02	1.47	3.29	7.35	5.74E-02	2.57E-02	1.15E-02
Chromium	4.80E+01	0.320	1.54E+01	0.041	1.97E+00	0.00E+00	9.13E-01	2.66	5.95	13.3	3.43E-01	1.54E-01	6.87E-02
Copper	1.08E+02	Regression	1.84E+01	Regression	1.23E+01	0.00E+00	3.67E+00	4.05	7.00	12.1	9.05E-01	5.24E-01	3.03E-01
Lead	3.10E+01	Regression	1.28E+01	Regression	1.82E+00	0.00E+00	7.01E-01	1.63	2.31	3.26	4.30E-01	3.04E-01	2.15E-01
Mercury	4.13E-02	1.186	4.90E-02	Regression	6.52E-02	0.00E+00	1.37E-02	0.45	0.64	0.90	3.05E-02	2.16E-02	1.52E-02
Vanadium	1.59E+02	0.039	6.19E+00	0.005	7.62E-01	0.00E+00	1.86E+00	0.34	0.49	0.69	**5.39E+00**	**3.81E+00**	**2.70E+00**
Zinc	2.13E+02	Regression	4.96E+02	Regression	9.46E+01	0.00E+00	2.15E+01	66.1	148	331	3.26E-01	1.46E-01	6.51E-02
Pesticides													
Disulfoton	--	--	--	--	--	--	--	--	--	--	--	--	--

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI =	Chemical-specific	= Dietary intake for chemical (mg chemical/kg body weight/day)
FIR =	0.0069	= Food ingestion rate (kg/day dry weight)
FCxi =	Chemical-specific	= Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi =	0.000	= Proportion of diet composed of food item (soil invertebrates)
FCxi =	Chemical-specific	= Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi =	0.950	= Proportion of diet composed of food item (terrestrial plants)
SCx =	Chemical-specific	= Concentration of chemical in soil (mg/kg, dry weight)
PDS =	0.050	= Proportion of diet composed of soil
WIR =	0.0059	= Water ingestion rate (L/day)
WC =	Chemical-specific	= Concentration of chemical in water (mg/L)
BW =	0.0320	= Body weight (kg)

Attachment 1, Table 3-1

Summary of Norway Rat Exposure Doses - Baseline (Step 3A) - Mean

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Mean Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Mean Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals													
Antimony	6.65E-01	1.000	6.65E-01	Regression	2.69E-02	0.00E+00	3.50E-02	0.059	0.187	0.590	0.5926	0.1874	0.05926
Arsenic	5.98E+00	Regression	8.53E-01	Regression	3.74E-01	0.00E+00	7.16E-02	0.25	0.56	1.26	2.84E-01	1.27E-01	5.68E-02
Cadmium	3.68E-01	Regression	3.74E+00	Regression	3.60E-01	0.00E+00	2.00E-01	0.77	2.43	7.70	2.60E-01	8.21E-02	2.60E-02
Chromium	3.00E+01	0.320	9.60E+00	0.041	1.23E+00	0.00E+00	5.86E-01	2.40	5.37	12.0	2.44E-01	1.09E-01	4.88E-02
Copper	9.61E+01	Regression	1.78E+01	Regression	1.18E+01	0.00E+00	1.63E+00	5.60	7.23	9.34	2.91E-01	2.26E-01	1.75E-01
Lead	2.22E+01	Regression	9.83E+00	Regression	1.51E+00	0.00E+00	5.96E-01	4.70	6.47	8.90	1.27E-01	9.21E-02	6.69E-02
Mercury	3.39E-02	1.186	4.02E-02	Regression	5.86E-02	0.00E+00	4.87E-03	0.032	0.072	0.160	1.52E-01	6.81E-02	3.04E-02
Vanadium	1.45E+02	0.039	5.66E+00	0.005	6.96E-01	0.00E+00	5.98E-01	4.16	5.88	8.31	1.44E-01	1.02E-01	7.19E-02
Zinc	1.27E+02	Regression	4.19E+02	Regression	7.12E+01	0.00E+00	2.41E+01	75.4	169	377	3.20E-01	1.43E-01	6.40E-02
Pesticides													
Disulfoton	1.15E-02	1.000	1.15E-02	1.467	1.69E-02	0.00E+00	1.40E-03	0.009	0.016	0.030	1.56E-01	8.55E-02	4.68E-02

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specific = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0207 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specific = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.490 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specific = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.490 = Proportion of diet composed of food item (terrestrial plants)
SCx = Chemical-specific = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.020 = Proportion of diet composed of soil
WIR = 0.0242 = Water ingestion rate (L/day)
WC = Chemical-specific = Concentration of chemical in water (mg/L)
BW = 0.209 = Body weight (kg)

Attachment 1, Table 3-2

Summary of Indian Mongoose Exposure Doses - Baseline (Step 3A) - Mean

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Mean Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Omnivore Soil-Mammal BAF	Omnivore Small Mammal Concentration (mg/kg dw)	Herbivore Soil-Mammal BAF	Herbivore Small Mammal Concentration (mg/kg dw)	Insectivore Soil-Mammal BAF	Insectivore Small Mammal Concentration (mg/kg dw)	Mean Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals																			
Antimony	6.65E-01	1.000	6.65E-01	Regression	2.69E-02	See footnote	3.52E-01	See footnote	3.52E-01	See footnote	3.52E-01	0.00E+00	2.71E-02	0.059	0.187	0.590	0.45905	0.14517	0.04591
Arsenic	5.98E+00	Regression	8.53E-01	Regression	3.74E-01	Regression	3.82E-02	Regression	2.68E-02	Regression	3.39E-02	0.00E+00	3.79E-02	1.04	1.31	1.66	3.65E-02	2.89E-02	2.28E-02
Cadmium	3.68E-01	Regression	3.74E+00	Regression	3.60E-01	Regression	1.22E-01	Regression	1.77E-01	Regression	8.61E-01	0.00E+00	1.19E-01	0.77	2.43	7.70	1.54E-01	4.87E-02	1.54E-02
Chromium	3.00E+01	0.320	9.60E+00	0.041	1.23E+00	Regression	2.71E+00	Regression	2.82E+00	Regression	2.82E+00	0.00E+00	3.89E-01	2.40	5.37	12.0	1.62E-01	7.24E-02	3.24E-02
Copper	9.61E+01	Regression	1.78E+01	Regression	1.18E+01	Regression	1.46E+01	Regression	1.49E+01	Regression	1.85E+01	0.00E+00	9.94E-01	11.7	13.3	15.1	8.50E-02	7.48E-02	6.58E-02
Lead	2.22E+01	Regression	9.83E+00	Regression	1.51E+00	Regression	4.25E+00	Regression	2.71E+00	Regression	7.33E+00	0.00E+00	4.11E-01	4.70	6.47	8.90	8.73E-02	6.35E-02	4.61E-02
Mercury	3.39E-02	1.186	4.02E-02	Regression	5.86E-02	0.054	1.84E-03	0.067	2.27E-03	0.067	2.27E-03	0.00E+00	1.66E-03	0.15	0.19	0.25	1.10E-02	8.56E-03	6.63E-03
Vanadium	1.45E+02	0.039	5.66E+00	0.005	6.96E-01	0.010	1.51E+00	0.013	1.87E+00	0.012	1.79E+00	0.00E+00	4.21E-01	4.16	5.88	8.31	1.01E-01	7.16E-02	5.06E-02
Zinc	1.27E+02	Regression	4.19E+02	Regression	7.12E+01	Regression	1.25E+02	Regression	1.11E+02	Regression	1.33E+02	0.00E+00	1.54E+01	75.4	169	377	2.04E-01	9.14E-02	4.09E-02
Pesticides												0.00E+00							
Disulfoton	1.15E-02	1.000	1.15E-02	1.467	1.69E-02	See footnote	1.41E-02	See footnote	1.41E-02	See footnote	1.41E-02	0.00E+00	6.97E-04	0.009	0.016	0.030	0.07742	0.04241	0.02323

It was assumed that the concentration of each chemical in the small mammal's tissues was equal to the chemical concentration in its diet, that is, a diet to whole-body BAF of 1.0 was assumed

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI =	Chemical-specifi	=	Dietary intake for chemical (mg chemical/kg body weight/day)
FIR =	0.0285	=	Food ingestion rate (kg/day dry weight)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi =	0.564	=	Proportion of diet composed of food item (soil invertebrates)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi =	0.111	=	Proportion of diet composed of food item (terrestrial plants)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (omnivorous small mammals, dry weight basis)
PDFi =	0.297	=	Proportion of diet composed of food item (omnivorous small mammals)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (herbivorous small mammals, dry weight basis)
PDFi =	0.000	=	Proportion of diet composed of food item (herbivorous small mammals)
FCxi =	Chemical-specifi	=	Concentration of chemical in food item (insectivorous small mammals, dry weight basis)
PDFi =	0.000	=	Proportion of diet composed of food item (insectivorous small mammals)
SCx =	Chemical-specifi	=	Concentration of chemical in soil (mg/kg, dry weight)
PDS =	0.028	=	Proportion of diet composed of soil
WIR =	0.0557	=	Water ingestion rate (L/day)
WC =	Chemical-specifi	=	Concentration of chemical in water (mg/L)
BW =	0.528	=	Body weight (kg)

Attachment 1, Table 3-3

Summary of Pearly-eyed Thrasher Exposure Doses - Baseline (Step 3A) - Mean

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Mean Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Mean Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals													
Antimony	6.65E-01	1.000	6.65E-01	Regression	2.69E-02	0.00E+00	6.37E-02	NA	NA	NA	NA	NA	NA
Arsenic	5.98E+00	Regression	8.53E-01	Regression	3.74E-01	0.00E+00	1.18E-01	2.24	5.01	11.2	5.25E-02	2.35E-02	1.05E-02
Cadmium	3.68E-01	Regression	3.74E+00	Regression	3.60E-01	0.00E+00	3.44E-01	1.47	3.29	7.35	2.34E-01	1.05E-01	4.69E-02
Chromium	3.00E+01	0.320	9.60E+00	0.041	1.23E+00	0.00E+00	1.05E+00	2.66	5.95	13.3	3.95E-01	1.77E-01	7.90E-02
Copper	9.61E+01	Regression	1.78E+01	Regression	1.18E+01	0.00E+00	2.40E+00	4.05	7.00	12.1	5.92E-01	3.42E-01	1.98E-01
Lead	2.22E+01	Regression	9.83E+00	Regression	1.51E+00	0.00E+00	1.04E+00	3.85	8.61	19.3	2.69E-01	1.20E-01	5.38E-02
Mercury	3.39E-02	1.186	4.02E-02	Regression	5.86E-02	0.00E+00	5.16E-03	0.49	0.77	1.20	1.05E-02	6.73E-03	4.30E-03
Vanadium	1.45E+02	0.039	5.66E+00	0.005	6.96E-01	0.00E+00	1.31E+00	0.34	0.49	0.69	**3.82E+00**	**2.70E+00**	**1.91E+00**
Zinc	1.27E+02	Regression	4.19E+02	Regression	7.12E+01	0.00E+00	3.99E+01	66.1	148	331	6.03E-01	2.70E-01	1.21E-01
Pesticides													
Disulfoton	1.15E-02	1.000	1.15E-02	1.467	1.69E-02	0.00E+00	1.49E-03	0.78	1.74	3.90	1.91E-03	8.56E-04	3.83E-04

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specifi = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0123 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specifi = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.754 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specifi = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.200 = Proportion of diet composed of food item (terrestrial plants)
SCx = Chemical-specifi = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.046 = Proportion of diet composed of soil
WIR = 0.0129 = Water ingestion rate (L/day)
WC = Chemical-specifi = Concentration of chemical in water (mg/L)
BW = 0.104 = Body weight (kg)

Attachment 1, Table 3-4

Summary of Red-tailed Hawk Exposure Doses - Baseline (Step 3A) - Mean

RCRA Facility Investigation - SWMU 78

Naval Activity Puerto Rico, Ceiba, Puerto Rico

Chemical	Mean Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Omnivore Soil-Mammal BAF	Omnivore Small Mammal Concentration (mg/kg dw)	Herbivore Soil-Mammal BAF	Herbivore Small Mammal Concentration (mg/kg dw)	Insectivore Soil-Mammal BAF	Insectivore Small Mammal Concentration (mg/kg dw)	Mean Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals																			
Antimony	6.65E-01	1.000	6.65E-01	Regression	2.69E-02	See footnote	3.52E-01	See footnote	3.52E-01	See footnote	3.52E-01	0.00E+00	1.13E-02	NA	NA	NA	NA	NA	NA
Arsenic	5.98E+00	Regression	8.53E-01	Regression	3.74E-01	Regression	3.82E-02	Regression	2.68E-02	Regression	3.39E-02	0.00E+00	1.22E-03	2.24	5.01	11.2	5.46E-04	2.44E-04	1.09E-04
Cadmium	3.68E-01	Regression	3.74E+00	Regression	3.60E-01	Regression	1.22E-01	Regression	1.77E-01	Regression	8.61E-01	0.00E+00	3.90E-03	1.47	3.29	7.35	2.65E-03	1.19E-03	5.31E-04
Chromium	3.00E+01	0.320	9.60E+00	0.041	1.23E+00	Regression	2.71E+00	Regression	2.82E+00	Regression	2.82E+00	0.00E+00	8.67E-02	2.66	5.95	13.3	3.26E-02	1.46E-02	6.52E-03
Copper	9.61E+01	Regression	1.78E+01	Regression	1.18E+01	Regression	1.46E+01	Regression	1.49E+01	Regression	1.85E+01	0.00E+00	4.68E-01	4.05	7.00	12.1	1.16E-01	6.69E-02	3.87E-02
Lead	2.22E+01	Regression	9.83E+00	Regression	1.51E+00	Regression	4.25E+00	Regression	2.71E+00	Regression	7.33E+00	0.00E+00	1.36E-01	3.85	8.61	19.3	3.54E-02	1.58E-02	7.07E-03
Mercury	3.39E-02	1.186	4.02E-02	Regression	5.86E-02	0.054	1.84E-03	0.067	2.27E-03	0.067	2.27E-03	0.00E+00	5.88E-05	0.49	0.77	1.20	1.20E-04	7.67E-05	4.90E-05
Vanadium	1.45E+02	0.039	5.66E+00	0.005	6.96E-01	0.010	1.51E+00	0.013	1.87E+00	0.012	1.79E+00	0.00E+00	4.82E-02	0.34	0.49	0.69	1.40E-01	9.91E-02	7.00E-02
Zinc	1.27E+02	Regression	4.19E+02	Regression	7.12E+01	Regression	1.25E+02	Regression	1.11E+02	Regression	1.33E+02	0.00E+00	4.00E+00	66.1	148	331	6.06E-02	2.71E-02	1.21E-02
Pesticides																			
Disulfoton	1.15E-02	1.000	1.15E-02	1.467	1.69E-02	See footnote	1.41E-02	See footnote	1.41E-02	See footnote	1.41E-02	0.00E+00	4.53E-04	0.78	1.74	3.90	5.81E-04	2.60E-04	1.16E-04

It was assumed that the concentration of each chemical in the small mammal's tissues was equal to the chemical concentration in its diet, that is, a diet to whole-body BAF of 1.0 was assumed

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI =	Chemical-specific	= Dietary intake for chemical (mg chemical/kg body weight/day)
FIR =	0.0363	= Food ingestion rate (kg/day dry weight)
FCxi =	Chemical-specific	= Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi =	0.000	= Proportion of diet composed of food item (soil invertebrates)
FCxi =	Chemical-specific	= Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi =	0.000	= Proportion of diet composed of food item (terrestrial plants)
FCxi =	Chemical-specific	= Concentration of chemical in food item (omnivorous small mammals, dry weight basis)
PDFi =	1.000	= Proportion of diet composed of food item (omnivorous small mammals)
FCxi =	Chemical-specific	= Concentration of chemical in food item (herbivorous small mammals, dry weight basis)
PDFi =	0.000	= Proportion of diet composed of food item (herbivorous small mammals)
FCxi =	Chemical-specific	= Concentration of chemical in food item (insectivorous small mammals, dry weight basis)
PDFi =	0.000	= Proportion of diet composed of food item (insectivorous small mammals)
SCx =	Chemical-specific	= Concentration of chemical in soil (mg/kg, dry weight)
PDS =	0.000	= Proportion of diet composed of soil
WIR =	0.0642	= Water ingestion rate (L/day)
WC =	Chemical-specific	= Concentration of chemical in water (mg/L)
BW =	1.134	= Body weight (kg)

Attachment 1, Table 3-5

Summary of Common Ground Dove Exposure Doses - Baseline (Step 3A) - Mean

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Chemical	Mean Surface Soil Concentration (mg/kg)	Soil-Worm BAF	Terrestrial Invertebrate Concentration (mg/kg dw)	Soil-Plant BAF	Terrestrial Plant Concentration (mg/kg dw)	Mean Surface Water Concentration (mg/L)	Dietary Intake (mg/kg/day)	NOAEL TRV (mg/kg/d)	MATC TRV (mg/kg/d)	LOAEL TRV (mg/kg/d)	NOAEL HQ	MATC HQ	LOAEL HQ
Metals													
Antimony	6.65E-01	1.000	6.65E-01	Regression	2.69E-02	0.00E+00	1.26E-02	NA	NA	NA	NA	NA	NA
Arsenic	5.98E+00	Regression	8.53E-01	Regression	3.74E-01	0.00E+00	1.40E-01	2.24	5.01	11.2	6.25E-02	2.80E-02	1.25E-02
Cadmium	3.68E-01	Regression	3.74E+00	Regression	3.60E-01	0.00E+00	7.71E-02	1.47	3.29	7.35	5.25E-02	2.35E-02	1.05E-02
Chromium	3.00E+01	0.320	9.60E+00	0.041	1.23E+00	0.00E+00	5.71E-01	2.66	5.95	13.3	2.15E-01	9.60E-02	4.29E-02
Copper	9.61E+01	Regression	1.78E+01	Regression	1.18E+01	0.00E+00	3.43E+00	4.05	7.00	12.1	8.47E-01	4.90E-01	2.83E-01
Lead	2.22E+01	Regression	9.83E+00	Regression	1.51E+00	0.00E+00	5.45E-01	1.63	2.31	3.26	3.35E-01	2.37E-01	1.67E-01
Mercury	3.39E-02	1.186	4.02E-02	Regression	5.86E-02	0.00E+00	1.23E-02	0.45	0.64	0.90	2.73E-02	1.93E-02	1.36E-02
Vanadium	1.45E+02	0.039	5.66E+00	0.005	6.96E-01	0.00E+00	1.70E+00	0.34	0.49	0.69	**4.93E+00**	**3.49E+00**	**2.47E+00**
Zinc	1.27E+02	Regression	4.19E+02	Regression	7.12E+01	0.00E+00	1.58E+01	66.1	148	331	2.40E-01	1.07E-01	4.79E-02
Pesticides													
Disulfoton	1.15E-02	1.000	1.15E-02	1.467	1.69E-02	0.00E+00	3.56E-03	0.78	1.74	3.90	4.57E-03	2.04E-03	9.14E-04

$$DI_x = \frac{[[\sum_i (FIR)(FC_{xi})(PDF_i)] + [(FIR)(SC_x)(PDS)] + [(WIR)(WC_x)]]}{BW}$$

DI = Chemical-specifi = Dietary intake for chemical (mg chemical/kg body weight/day)
FIR = 0.0069 = Food ingestion rate (kg/day dry weight)
FCxi = Chemical-specifi = Concentration of chemical in food item (soil invertebrates, dry weight basis)
PDFi = 0.000 = Proportion of diet composed of food item (soil invertebrates)
FCxi = Chemical-specifi = Concentration of chemical in food item (terrestrial plants, dry weight basis)
PDFi = 0.950 = Proportion of diet composed of food item (terrestrial plants)
SCx = Chemical-specifi = Concentration of chemical in soil (mg/kg, dry weight)
PDS = 0.050 = Proportion of diet composed of soil
WIR = 0.0059 = Water ingestion rate (L/day)
WC = Chemical-specifi = Concentration of chemical in water (mg/L)
BW = 0.0320 = Body weight (kg)