RCRA Facility Investigation Report
for
Site FH-046 (DEH Waste Paint Thinner Tank)

Draft Final

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EXECUTIVE SUMMARY

Solid waste management unit (SWMU) FH-046 was an underground holding tank for the collection of waste paint thinner generated by the Directorate of Engineering and Housing (DEH) Sign Shop. The tank was used from 1975 to 1986. A surface drain from the paint shop, and another possible line from the nearby paint booth, conveyed waste solvents from equipment cleaning and other operations to the underground tank. The 500-gallon steel tank was approximately 3.5 ft in diameter and 7 ft high. In 1986, the line from the paint shop was plugged and the drain closed. However, the line from the nearby paint booth to the tank remained open after 1986. The waste paint thinner tank was in an industrialized area surrounded by buildings, chain-link fences, and roadways. The ground surface immediately surrounding the tank was covered with asphalt and used as a driveway/parking area.

Four sampling events were conducted as part of the RCRA Facility Investigation (RFI). The initial sampling event occurred in February 1997. Four soil borings were advanced around the tank and piping in accordance with the approved RFI Work Plan. Metals and volatile organic compounds (VOCs) were detected in the soil samples and in one of two groundwater samples. VOCs were below the Texas Natural Resource Conservation Commission (TNRCC) Risk Reduction Standard (RRS) Number 2 screening criteria in both the soil and groundwater samples. Metals in the groundwater samples were also below the TNRCC RRS Number 2 screening criteria. Seven additional soil borings were advanced in September 1997 to further characterize the site. Only metals were detected in these samples and no constituents were above background concentrations.

Based on best professional judgement, the groundwater samples were not true groundwater, but perched water that had been trapped under the asphalt and infiltrated the soil borings after two or three days of remaining open. The soil boring logs indicate that no water was encountered during drilling, and that the soil was clay and predominately hard and dry down to 20.5 ft. Soil borings were advanced to auger refusal, which generally occurred upon encountering weathered limestone. The competent blue-gray limestone/shale bedrock was not encountered during drilling activities. No groundwater was encountered during any of the subsequent sampling events or during tank removal, and detected concentrations in water samples did not exceed TNRCC RRSs Number 1.

In May 1998, the waste paint thinner tank and piping were removed under the direction the Fort Hood Directorate of Public Works as part of the Fort Hood Underground Storage Tank Program. Ten confirmatory soil samples were collected during June 1998 in the tank and piping excavations. Only metals were detected at concentrations above TNRCC RRS screening criteria. The final sampling event was conducted in October 1998 to determine the extent of the contamination identified by the confirmatory sampling task. Seven soil borings were advanced around the perimeter of the excavations. Only metals were detected above TNRCC RRS screening criteria. Although several metals were detected above background concentrations, lead was the only metal detected during sampling at this SWMU whose concentrations in soil and 95% upper confidence limit of the mean concentration (UCL95) were above TNRCC RRS Number 1 screening criteria. However, statistics show that lead concentrations in soil at FH-046 are not significantly different than background lead concentrations.

Although VOCs and metals were detected, the sampling results suggest that the concentrations are limited to the confines of the former tankhold and do not indicate a release to soil or groundwater outside of the immediate vicinity of the tank location. Remnant VOCs are below screening levels and are only near the excavations. Metals are present beyond the excavations but at concentrations consistent with background levels. Based on the sampling results, physical conditions of the site, and the fact that the source of contamination has been removed, it is recommended that FH-046 be closed under TNRCC RRS Number 2.

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ACRONYMS

AA	Atomic Absorption
BEGM	Bureau of Economic Geology
BGS	Below Ground Surface
CQAR	Chemical Quality Assessment Report
DEH	Directorate of Engineering and Housing
DOT	Department of Transportation
DPW	Directorate of Public Works
DQO	Data Quality Objective
FH	Fort Hood
ft	Feet or Foot
GC/MS	Gas Chromatography/Mass Spectrometry
GWP	Soil to Groundwater Cross-Media Protection Pathway
ICP	Inductively coupled plasma
IDW	Investigation Derived Waste
LCS	Laboratory Control Samples
mg/kg	Milligrams Per Kilogram
MSC	Medium Specific Concentration
msl	Mean Sea Level
MS/MSDs	Matrix Spike/Matrix Spike Duplicate
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
PPE	Personal Protective Equipment
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RRS	Risk Reduction Standards
SAIC	Science Applications International Corporation
SVOC	Semivolatile Organic Compound
SWMU	Solid Waste Management Unit
TAC	Texas Administrative Code
TNRCC	Texas Natural Resource Conservation Commission
UCL95	95% Upper Confidence Limit
ug/kg	Micrograms Per Kilogram
ug/L	Micrograms Per Liter
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
UTL	Upper Tolerance Limit
VOC	Volatile Organic Compound

1.0 INTRODUCTION

Fort Hood is an active U.S. Army installation occupying 217,551 acres (339 square miles) in southern Coryell and Bell Counties in central Texas. It is situated 60 miles north of Austin, and about 50 miles south of Waco. The installation is located north of and adjacent to the city of Killeen, east of and adjacent to the city of Copperas Cove, and four miles south of the city of Gatesville. A vicinity map is shown in Figure 1.1.

Fort Hood began operations in 1942. Robert Gray Air Field, originally operated by the Air Force as Robert Gray Air Force Base, was established in 1947 (U. S. Army 1996a). Fort Hood's mission is training, testing, and deployment of military personnel and equipment. The post is commanded by the III Corps Commander. Currently, the post supports two full divisions (the 1st Cavalry and 4th Infantry Divisions). Forty-three thousand military personnel are stationed there; and an additional 30,000 family members, civilians, volunteers, and private-sector employees also live or work at Fort Hood (U.S. Army 1996b). Among the military assets of Fort Hood are approximately 2,500 tracked vehicles, over 11,000 wheeled vehicles, six fixed wing aircraft, and 230 rotary-wing aircraft. The post has 67 active firing and demolition ranges.

The Fort Hood military reservation is regulated under the Resource Conservation and Recovery Act (RCRA) as a hazardous waste management facility. Fort Hood has a RCRA permit to operate three hazardous waste storage units. The RCRA permit requires that Fort Hood perform a RCRA Facility Investigation (RFI) for 40 solid waste management units (SWMUs) listed in the permit. These SWMUs are distributed across the military reservation, in the main cantonment, West Fort Hood, and North Fort Hood. They include former solid waste landfills and burial sites, former and inactive underground storage tank locations, active wash rack/sewer systems, effluent ponds, and a sanitary sewer network. An installation map is shown in Figure 1.2.

This report describes the collection and analysis of data from SWMU FH-046, a waste paint thinner tank located at the corner of Santa Fe and 78th Avenues on the Main Cantonment (see Figure 1.3).

1.1 BACKGROUND

FH-046 was an underground holding tank for the collection of waste paint thinner generated by the Directorate of Engineering and Housing (DEH) Sign Shop. The tank was used from 1975 to 1986. A surface drain from the paint shop, and another possible line from the nearby paint booth conveyed waste solvents from equipment cleaning and other operations to the underground tank. The 500-gallon tank was approximately 3.5 feet (ft) in diameter and 7 ft high, and was constructed of steel. The tank lid was at the ground surface. In 1986, the line from the paint shop was plugged and the drain closed. However, the line from the nearby paint booth to the tank remained open after 1986.

The paint thinner tank was surrounded by buildings, chain-link fences, and roadways. The ground surface immediately surrounding the tank was covered with asphalt and used as a driveway/parking area.

1.2 SCOPE AND OBJECTIVES

The objective of the RFI at FH-046 was to determine if a release of hazardous constituents has occurred and to characterize the potential source and extent of contamination. This report assesses the nature of surface and subsurface soil contamination at FH-046 and evaluates what, if any, corrective measures are needed.

The specific objectives of the investigation of FH-046 were as follows:

- determine the presence or absence of contaminants in the surface and subsurface soils within FH-046;
- characterize the migration potential of the contaminants identified in the surface and subsurface soils;
- evaluate the potential human health risks associated with contaminants detected in surface and subsurface soils; and
- determine what, if any, corrective measures are needed to address contamination associated with SWMU FH-046.

The approach to the RFI included field sampling and laboratory analysis of surface and subsurface soil underlying and surrounding the location of the tank. The sampling and analysis program was conducted in accordance with the Final RCRA Facility Investigation Work Plan, 35 Solid Waste Management Units, Fort Hood, Texas (RFI Work Plan [U.S. Army Corps of Engineers (USACE) 1995]) and the RCRA Facility Investigation Chemical Data Acquisition Plan and Addendum (USACE 1996).

2.0 ENVIRONMENTAL SETTING

The material presented in this section describes the physical characteristics of FH-046 and its surroundings. The geology, physiography, and climate are presented using regional and site-specific data (where available).

2.1 PHYSIOGRAPHIC SETTING

Fort Hood is located within the eastern edge of the Lampasas Cut Plains region of the North-Central Plains physiographic province. The topography of Fort Hood consists of small stream valleys separated by ridge-forming mesas. Relief is as great as 340 ft. The Black and Blackwell Mountains are prominent features north of the main cantonment, as are Seven Mile Mountain at West Fort Hood, and the Dalton Mountains southwest of North Fort Hood. A topographic map of the main cantonment of Fort Hood is provided in Figure 2.1.

Local relief on the main cantonment and at West Fort Hood is generally less than 100 ft, with flat to gently rolling topography. Elevations on the main cantonment range from 860 to 940 ft above mean sea level (msl). The elevation of SWMU FH-046 is approximately 968 ft msl.

The rivers, streams, and creeks that constitute the main surface water pathways at Fort Hood are shown on Figure 2.1. The main cantonment lies along a watershed divide between Belton Lake and the Leon River, downstream from the lake. The western and north-central parts of the main cantonment are drained by Clear Creek, which discharges to House Creek. House Creek is a tributary to the eastward-flowing Cowhouse Creek, which discharges to Belton Lake, a man-made reservoir. South Nolan Creek and North Nolan Creek both originate on Fort Hood and flow eastward to the Leon River, downstream of Belton Lake.

2.2 GEOLOGIC CONDITIONS

A summary of the geology of the Fort Hood area relevant to this RFI is adapted from the RFI Work Plan (USACE 1995). Relevant information on the occurrences of soils and bedrock has been incorporated to further characterize the geology of FH-046 and its surroundings.

2.2.1 Bedrock

Lower Cretaceous marine sedimentary rocks make up the stratigraphy underlying Fort Hood. The Fredericksburg Group consists of several stratigraphic units. The Walnut Formation is the lowermost unit of the Fredericksburg Group and is the dominant stratigraphic unit in the main cantonment. It consists of shales with interbedded limestone, chalky nodular limestone, and shell aggregates. The fossiliferous Walnut Formation is exposed in many locations at Fort Hood. It varies in thickness from 100 to 150 ft (Bureau of Economic Geology [BEGM] 1979). The Comanche Peak Formation and an undifferentiated unit overlie the Walnut Formation, but are present at the surface only north of the main cantonment in the Black and Blackwell Mountains, and on West Fort Hood on Seven Mile Mountain. Bedrock dips gently to the southeast throughout the area. Inactive faults are present in the subsurface to the east of Fort Hood along the Balcones Fault Zone, which runs through Bell, McLennan, and Hill Counties.

At FH-046, fossiliferous limestones of the Walnut Formation are present at 9 to 11.5 ft below ground surface (BGS). Limestone with varying degrees of weathering was recovered or encountered in the drilling of the soil borings at the SWMU.

2.2.2 Unconsolidated Materials

Alluvial deposits of Quaternary age are present along stream valleys on the main cantonment, specifically along South Nolan Creek on the southern edge of the cantonment (USACE 1995). It is suspected that much alluvium and other natural surface deposits have been reworked throughout the active life of Fort Hood during construction projects.

Unconsolidated materials overlying weathered limestone at FH-046 consist of yellow to brown silty clays with some sand and, infrequently, limestone gravel. The unconsolidated material/weathered limestone interface at FH-046 is not under saturated or wet conditions. No wet or saturated soil was encountered in the FH-046 borings during drilling activities except at a depth interval of 5-6 ft BGS in boring SB101. Water encountered in boring SB101 probably represented an isolated pocket of moisture. The unconsolidated material at FH-046 consists of clay and silty clay that is most often only slightly moist to very dry. Occasional lenses of coarser material (silt, silty sand or weathered limestone fragments) exist within the unconsolidated material. These lenses may allow for some infiltration of precipitation and moisture resulting in perched water conditions within the unconsolidated material.

Further evidence of the lack of groundwater at depth in this area was made during construction near the new Directorate of Public Works (DPW) Building. During construction for a thermal conductivity unit at the location, borings were drilled to depths of near 300 ft BGS. Personnel familiar with the project indicated that groundwater was not encountered during drilling activities and the formation at depth was a hard, dry gray shale (written communication from Paul Kaspar [USACE], FH-046 Revised Draft Report Comment Responses March 2,2000).

2.3 CHARACTERIZATION OF SOILS

In many areas of the main cantonment, silty or sandy clay soils overlie bedrock. In upland areas, these soils contain abundant rock fragments. In general, these soils have low permeabilities (U.S. Department of Agriculture [USDA] 1985a,b). They range in thickness from 15 to 20 ft. Because soils have been extensively reworked for construction and landfilling in the SWMUs that were investigated, it is difficult to apply the USDA classification to the soils encountered on the main cantonment.

2.4 CHARACTERIZATION OF CLIMATE

The climate of the Fort Hood-Killeen area can be characterized as semi-arid continental. Winters (December-March) are mild, with the average daily maximum temperature in January (the coldest month) reaching 60° F. Below-freezing temperatures occur on an average of 23 days per year. The normal daily winter temperature range is 42 to 62° F. At times, strong northerly winds accompanied by sharp drops in temperature occur during the winter months. Summers (June-September) are hot and dry. The average daily maximum temperature in August, the hottest month, reaches 95.9° F. The normal daily temperature range for summer is 75 to 95° F. The average daily temperature in Killeen is 68.1° F.

Average annual rainfall in the Killeen area is 30.4 inches, and is most concentrated from September to May (U.S. Army 1996). Snowfall is rare. The average annual humidity in the region is 55 percent. Total rainfall for 1996 at Fort Hood was 26.7 inches. The ten months prior to the start of the field program for this RFI were anomalously dry. During the first five months of the field program, precipitation was higher than the historical monthly averages. Severe weather in the form of heavy rain, hailstorms, and ice storms is common in the winter months.

3.0 UNIT CHARACTERIZATION

The former FH-046 Waste Paint Thinner Tank was located on the west side of the Fort Hood DEH Sign and Paint Shop (Building 4237), on the corner of 78th and Santa Fe Avenues on the main cantonment. The top photo in Figure 3.1 shows the lid of the steel waste paint thinner tank. The bottom photo shows the remains of the paint booth that is northwest of the tank.

A surface drain from the paint shop connected to the former underground tank. The 500-gallon steel tank was approximately 3.5 ft in diameter and 7 ft high. Waste solvents from equipment cleaning and various other operations were disposed of through this surface drain from 1975 to 1986, at which time the drain from the paint shop was closed. A nearby paint booth drainage line emptied into the tank as well. Although the line from the paint shop to the tank was plugged, the line from the paint booth to the tank remained open after 1986. Possible impact to surrounding soil or nearby surface drainage may have occurred due to potential leaks from the tank or its connections.

Little was known about the exact composition of the tank's contents or its integrity prior to this RFI. However, the tank contained approximately 300 gallons of liquid and 12 gallons of saturated sediment and sludge at the time that its contents were subsequently removed for disposal. The waste material was sampled prior to its disposition.

The Fort Hood DPW removed the tank and piping at the end of May 1998 as part of the Fort Hood Underground Storage Tank (UST) Program. Figure 3.2 shows the tank excavation and the excavation of the drain pipe from the paint booth. A tank removal report prepared by the DPW contractor, Anderson Columbia, Inc., is included in Appendix A.

4.0 CHARACTERIZATION OF UNIT CONTAMINATION

The following sections describe the results of field activities and analytical procedures performed to achieve site specific objectives defined in Section 1.2 of this report.

4.1 TECHNICAL APPROACH

Surface and subsurface soil samples, as well as groundwater (perched water) samples were collected during the RFI at FH-046 in four discrete sampling events from February 1997 through October 1998. The timing of events at FH-046 are as follows:

- Initial Soil and Groundwater Sampling (February 1997 and April 1997)
- Additional Soil Sampling (September 1997)
- Tank and Piping Removal (May 1998)
- Confirmatory Soil Sampling of Excavation Area (June 1998)
- SWMU Soil Sampling to Confirm Nature and Extent of Potential Contamination (October 1998)

Sample identifications and associated analyses for all soil and groundwater samples collected at SWMU FH-046 are summarized in Table 4.1. All soil boring logs for FH-046 are contained in Appendix B. The initial sampling effort was conducted in February and April 1997 in accordance with the RFI Work Plan (USACE 1995), and consisted of the drilling and sampling of four soil borings (SB101-SB104) shown in Figure 4.1. Two samples of groundwater were collected from two of the four open holes during this initial sampling event.

Subsequent sampling events were designed with the concurrence of the Texas Natural Resource Conservation Commission (TNRCC) and USACE representatives following the analytical results from the previous event. In September 1997, samples of the sludge and liquid within the tank were collected. Seven additional soil borings (SB105-SB111) were drilled to auger refusal (weathered limestone) and sampled. Their locations are shown in Figure 4.1. The intent of the follow-up sampling effort was to refine the extent of any soils contamination and provide sufficient data for the determination of any risks to human health or the environment.

Based upon these findings, the contents of the tank were pumped out and disposed. All visibly contaminated soil and the tank itself were removed in May 1998. The line from the tank to the nearby paint shop was plugged with grout. In June 1998, confirmatory sampling was conducted following Fort Hood DPW's removal of the tank, drain lines, and associated soils to determine if remnant contamination remained in the excavations. Soil samples were collected from nine locations in the excavated pit and pipeline as shown in Figure 4.2.

Follow-up sampling conducted in October 1998 included the drilling and sampling of eight additional soil borings (SB112-SB119). The objective of the last phase of sampling was to determine whether residual contaminants present in the vicinity of the former tankhold were having a negative impact on the environment beyond the SWMU boundary. The borings were located, as shown in Figure 4.1, to delineate the extent of potential contaminant migration from the former tank. In this sampling effort, soils were collected at 2-ft intervals to a target depth of 12 ft BGS. This sampling approach was selected because the tankhold excavation was completed to a depth of approximately10 ft BGS, and weathered limestone or refusal was typically encountered at 12 ft BGS.

Surface and subsurface soil sampling, sample handling, chain-of-custody, and other field activities were conducted in accordance with the RFI Work Plan (USACE 1995). The laboratory analyzed naphthalene using both semivolatile organic compound (SVOC) and volatile organic compound (VOC) methodologies. The

SVOC naphthalene results have been presented in this report because naphthalene has traditionally been tested and listed as an SVOC.

4.1.1 February and April 1997 Sampling Event

Four soil borings (SB101-SB104) were completed during the February and April 1997 sampling event. Surface soil and subsurface soil samples were collected from the four soil boring locations. Groundwater samples were collected from two of the boring locations. The RFI Work Plan for 35 SWMUs (USACE 1995) called for the collection of soil samples at five depth intervals to the bedrock interface. Surface soils are defined as those present from 0 to 2 ft BGS. Three surface soil samples were collected from borings SB101, SB102, and SB104. There was no surface soil present at SB103; only asphalt, concrete, and paint chips comprised the first two feet of material. A total of eleven subsurface samples from the four borings were collected during this sampling event. Sample intervals ranged from 4.0-5.0 ft BGS to 19.0-20.0 ft BGS. Groundwater samples were collected from boreholes SB102 and SB104. All soil and water samples were analyzed for VOCs, SVOCs, and metals, except for the water sample from SB102 that only had a sufficient quantity for VOCs only. All the soil samples were collected using a hollow-stem auger and a stainless-steel split-spoon sampler. The soil borings were drilled through asphalt pavement and this material occupied the uppermost 0.3 to 0.5 ft in these borings. Paving material and any crushed stone underlayment were not incorporated into the sample volume. Organic vapors were continuously monitored at the borehole during drilling activities. Volatile organic samples were collected immediately upon opening of the split spoon. Following the geologic description of the soils in the sample interval, the soils were collected in a stainless-steel bowl, homogenized, and placed in the appropriate sample containers. Headspace gases were monitored where there was visible evidence or odor suggestive of contamination. Headspace readings of 95.8 parts per million (ppm [9-10 ft BGS]) and 168.7 ppm (10-11 ft BGS) were recorded at the bottom of boring SB102. No other headspace readings showed evidence of contamination.

4.1.2 September 1997 Sampling Event

Seven additional soil borings, (SB105-SB111) were completed in September 1997. Only subsurface soil samples were collected during this event. Subsurface soil samples were collected at two discrete depths in each of the seven borings, 8.0-10.0 ft BGS and 10.0-12.0 ft BGS, to refine the vertical extent of any potential contamination within the area immediately surrounding the tankhold.

Soil samples were collected using a hollow-stem auger and a stainless-steel split-spoon sampler. Borings SB105, SB106, SB107 and SB108 were drilled through asphalt pavement that occupied the uppermost 0.3 ft to 0.5 ft in these borings. Paving material and any crushed stone underlayment were not incorporated into the sample volume. Borings SB109, SB110 and SB111 were completed in grassy areas to the south and southeast of the tank. Organic vapors were continuously monitored at the borehole during drilling activities. Volatile organic samples were collected immediately upon opening of the split spoon. Following the geologic description of the soils in the sample interval, the soils were collected in a stainless-steel bowl, homogenized, and placed in the appropriate sample containers. Headspace gases were monitored where there was visible evidence or odor suggestive of contamination. A headspace reading of 6.2 ppm was recorded at a depth of 8-10 ft BGS in boring SB108. No other headspace readings showed evidence of contamination.

One sample of liquid and one sample of sediment were collected from the waste tank. Each was analyzed for VOCs, SVOCs, and metals. Approximately four feet of liquid was in the tank. The liquid was collected with a disposable bailer lowered on a nylon rope prior to collection of the sediments. The bailer was placed into the tank with a minimum of turbulence to the standing liquid. The liquid was clear, colorless, and odorless, and had no visible light, non-aqueous phase layer. Residual sediment was determined to be approximately 2

ft thick. It was sampled using a wide-mouthed glass sampling jar affixed to a polyvinyl chloride (PVC) extension bar because the sediment was well beyond the reach of the sampling technician. The material collected was black with the texture of coarse sand and medium silt. It contained streaks of white liquid resembling paint. The material had a petroleum odor. Results of this sampling were used to evaluate the contents of the tank prior to its removal and disposal. These samples have not been included in the discussion of investigation results for this RFI report.

4.1.3 June 1998 Tank Removal Confirmatory Soil Sampling

Following the excavation and removal of the waste tank, drainage pipes, and associated soils from FH-046 in May 1998, soil sampling was conducted in early June 1998 to determine if residual contamination remained in the excavated area. The sampling effort was conducted according to work plan modifications approved by USACE and TNRCC (RFI Work Plan Modifications Letter of Approval, April 21, 1998).

Soil samples were collected at two locations along the trench between the former waste tank and the nearby concrete pad, and at three locations on the bottom of the excavated pit (approximately 10 ft BGS). Also, one sample each was collected from the four vertical walls of the pit (approximately 5 to 5.5 ft BGS). The pit had been excavated to a depth of 10 ft, with the side walls measuring 15 by 15 ft. The trench was excavated to a depth of 1.5 ft, and was approximately 3 ft wide and 30 ft long. The soil remaining from the excavation was piled at the site. At the time of sampling, this residual soil emanated a petroleum-like odor and was discolored to dark gray-brown.

Soil samples from the excavated trench and pit were collected using a hand auger, and stainless steel bowls and spoons. All sampling was performed from the edge of the excavation. Native soils 12 inches below the bottom of the excavation proved too stiff to sample using a conventional hand auger on a 15-ft extension rod. All the samples were analyzed for VOCs, SVOCs, and metals.

4.1.4 October 1998 Sampling Event

Surface soil and subsurface soil samples at FH-046 were collected using the Geoprobe drill rig and a stainless-steel core-barrel sampler. Soil borings SB112 to SB115 were drilled through asphalt pavement that occupied the uppermost 0.3 to 0.5 ft in these borings. Paving material and any crushed stone underlayment were not incorporated into the sample volume. Organic vapors were continuously monitored at the borehole during drilling activities. Volatile organic samples were collected immediately upon opening of the core-barrel. Following the geologic description of the soils in the sample interval, the soils were collected in a stainless-steel bowl, homogenized, and placed in the appropriate sample containers. Headspace gases were monitored where there was visible evidence or odor suggestive of contamination. No headspace readings indicative of contamination were recorded.

Surface soil samples were collected at SB112, SB113, SB114, SB115, SB117, SB118, and SB119. Only one sample was collected at SB116 from 10-12 ft BGS because the excavation had been backfilled with clean backfill material and this boring location was in the newly placed soil in the former tank location. Subsurface soil samples were collected at all eight soil borings installed during this sampling event. Samples were collected in 2-ft intervals from the surface to refusal (generally 10-12 ft BGS) to further characterize the nature and extent of any potential contamination remaining after the removal of the tank, drain pipes, and bedding material.

4.2 UNIT INVESTIGATION AND ANALYTICAL RESULTS

Analytical results for soils and water at SWMU FH-046 are provided in their entirety in Appendix C. Constituents detected in the soil and water samples above practical quantitation limits (PQLs) have been tabulated for each sampling event and presented in the following subsections. These constituents were screened against background and risk-based screening criteria, as described in Section 4.3 and Section 5.0.

4.2.1 February 1997 Analytical Results

Tables 4.2 and 4.3 present the analytes detected above PQLs during the February 1997 sampling event. Arsenic, barium, cadmium, chromium, and lead were consistently found in concentrations above the PQLs in surface soil samples at FH-046. VOCs were also detected in surface soils as follows: methylene chloride at SB102 at a concentration of 15 micrograms per kilogram (ug/kg) and 2-butanone at SB104 at a concentration of 11 ug/kg. There were no other detections of organic compounds at concentrations above PQLs in surface soils.

In subsurface soil samples arsenic, barium, cadmium, chromium, and lead were again found consistently in concentrations above the PQLs. VOCs detected include trichloroethene (14 ug/kg) in SB101; SB102, and SB103; tert-butylbenzene (11 ug/kg) in SB101; methylene chloride (8 ug/kg to 16 ug/kg) in SB102; 2-methylnaphthalene (1200 ug/kg) in SB102; 2-butanone (9 ug/kg to 53 ug/kg) in SB103 and SB104. Two parameters exceeded the PQLs in one of the two samples of groundwater collected from the open boreholes at SB102 and SB104. The parameters were barium and lead in SB104 (103 ug/L [micrograms per liter] and 2.1 ug/L, respectively). No other analytes were detected above PQLs in groundwater, which was present due to perched groundwater conditions.

4.2.2 September 1997 Analytical Results

Table 4.4 presents the analytes detected above PQLs during the September 1997 sampling event. There were no detections of organic compounds at concentrations above PQLs in subsurface soils in borings SB105 to SB111. Arsenic, barium, cadmium, chromium, and lead were detected at concentrations exceeding PQLs in the subsurface soils. Concentrations for each of the analytes ranged from 1.3 milligrams per kilogram (mg/kg) to 6.4 mg/kg for arsenic; 8 mg/kg to 92.6 mg/kg for barium; 0.06 mg/kg to 0.34 mg/kg for cadmium; 3.3 mg/kg to 9.8 mg/kg for chromium; and 0.96J mg/kg to 4.5 mg/kg for lead.

4.2.3 June 1998 Confirmatory Sampling Analytical Results

Table 4.5 presents the analytes detected above PQLs during the June 1998 sampling event**.** Samples collected from the four side walls of the excavated pit (46SB127 south wall, 46SB128 north wall, 46SB129 west wall, and 46SB131 east wall) identified many compounds above PQLs. Inorganic compounds detected above PQLs include arsenic, barium, chromium, and lead. All four compounds were found in all four side walls at a depth of 5.0 to 5.5 ft BGS. VOCs identified with their highest concentrations include 1,2,4-trimethylbenzene (3700D ug/kg), 1,3,5-trimethylbenzene (93J ug/kg), acetone (210J ug/kg), isopropyl benzene (30J ug/kg), m,p-xylene (24J ug/kg), n-butylbenzene (120J ug/kg), n-propylbenzene (70J ug/kg), naphthalene (5100J ug/kg), p-isopropyltoluene (1600J ug/kg), sec-butylbenzene (78J ug/kg), toluene (52J ug/kg), and methylene chloride (33 ug/kg). SVOCs identified include 2-methylnaphthalene (15000J ug/kg), dibenzofuran (730 ug/kg), and fluorene (470 ug/kg) and were found only in the sample from the south wall, 46SB127. No organic compounds were found in the sample from the west wall, 46SB129.

Four samples were collected from the bottom of the excavation from three locations; 46SB132 (10.0 ft-10.5 ft BGS) and 46SB133 (10.5 ft-11.0 ft BGS) at the northeast corner, 46SB134 (10.0 ft BGS) at the southwest corner, and 46SB135 (10.0 ft BGS) at the southeast corner. Arsenic, barium, chromium and lead were identified in all four samples. VOCs identified and their highest concentrations include acetone (38

ug/kg), isopropyl benzene (200 ug/kg), n-butylbenzene (120 ug/kg), n-propylbenzene (330 ug/kg), sec-butylbenzene (230 ug/kg), tert-butylbenzene (210 ug/kg), toluene (10 ug/kg), and methylene chloride (12B ug/kg). SVOCs identified include 2-methylnaphthalene (5100J ug/kg), dibenzofuran (760 ug/kg), fluorene (460 ug/kg), and naphthalene (2000 ug/kg).

Two samples were collected from the excavation trench for the pipe which fed into the tank, 46SB130 (closest to the tank) and 46SB136. Arsenic, barium, chromium, and lead were detected above PQLs at both sample locations. VOCs identified with their highest concentrations include 1,2,4-trimethylbenzene (350J ug/kg), 1,3,5-trimethylbenzene (56 ug/kg), 2-butanone (45 ug/kg), acetone (220 ug/kg), ethylbenzene (35 ug/kg), isopropyl benzene (11 ug/kg), m,p-xylene (31 ug/kg), n-butylbenzene (39 ug/kg), n-propylbenzene (30 ug/kg), p-isopropyltoluene (82 ug/kg), sec-butylbenzene (25 ug/kg), and toluene (79 ug/kg). SVOCs identified include 2-methylnaphthalene (7100J ug/kg) and naphthalene (1500 ug/kg). These two SVOCs were detected at both sample locations.

4.2.4 October 1998 Analytical Results

Table 4.6 presents the analytes detected above PQLs during the October 1998 sampling event. Arsenic, barium, cadmium, chromium, and lead were consistently found in concentrations above the PQLs in all surface and subsurface soil samples at FH-046. Selenium was detected once, at SB119, at a concentration of 0.33 J mg/kg. Mercury was detected at SB114 at a concentration of 0.93 mg/kg. VOCs were detected in three borings, SB116 (n-propylbenzene at a concentration of 14 ug/kg, sec-butylbenzene at a concentration of 13 ug/kg, and tert-butylbenzene at a concentration of 15 ug/kg), SB118 (methylene chloride at a concentration of 80 ug/kg), and SB119 (2-butanone at a concentration of 25 ug/kg and methylene chloride at a concentration of 35 ug/kg). VOCs were identified at a depth between 8 ft BGS and refusal, which generally occurred around 10-12 ft BGS. No SVOCs were detected in any of the soil samples.

4.2.5 Disposition of Investigation Derived Waste (IDW)

IDW was generated during collection of soil samples at FH-046. Three waste streams of IDW were identified during the field investigations: excess soil from the SWMU from the collection of soil samples; disposable personal protective equipment (PPE) and other refuse that may have come in contact with potentially contaminated soils and decontamination fluids. These waste streams were segregated to facilitate waste management. Each waste stream was stored in containers in an accumulation area in the Science Applications International Corporation (SAIC) compound. All containers were clearly identified with Department of Transportation (DOT) - approved labels containing the drums' contents and the dates they were put into service. Drums were staged in the SAIC compound pending disposition. All IDW determined to be potentially hazardous would be delivered to the Fort Hood DPW Classification Unit with the accompanying characterization data for their disposal.

Excess soil from the collection of surface and subsurface soils was placed in labeled open-top 55-gallon drums and staged at the SWMU until sampling was completed. Soil drums were then transferred to the SAIC compound for secure storage pending analytical results for the soils. Five soil containers from FH-046 were characterized as non-hazardous based on the analytical data and disposed at the Fort Hood Sanitary Landfill on the Main Cantonment. One drum of excess soil was classified as potentially hazardous, and was delivered to the DPW Classification Yard for disposal. All PPE and related sampling refuse collected at the SWMU was disposed of as municipal solid waste.

The liquid IDW generated from the decontamination at the field trailer of hand augers and other hand tools consisted of potable wash/rinse water, nitric acid/deionized water rinse, and dilute methanol waste. Liquid IDW was segregated and placed in opened-top 55-gallon drums at the SAIC compound. All decontamination

wash/rinse water from steam-cleaning of the hollow-stem auger and other downhole drilling equipment was collected in a portable reservoir and transferred to opened-top 55-gallon drums to await final disposition. Analytical results from the soils were used to characterize the decontamination water for disposal, since the fluids were expected to contain a high proportion of solid material. Three of four drums of liquid IDW were determined to be non-hazardous, and were disposed at the First Cavalry Division Tactical Vehicle Wash Facility on the Main Cantonment. The fourth drum was classified as potentially hazardous, and was delivered to the DPW Classification Yard for disposal.

4.3 BACKGROUND CHARACTERIZATION AND COMPARISONS WITH WASTE UNIT SAMPLING RESULTS

In order to characterize naturally occurring constituents in soils and sediments at Fort Hood, samples were collected at 10 separate locations within the facility boundaries in the north, west, and main cantonments. Sampling locations are believed to be outside the influence of past or current industrial and/or waste activities at the facility. The general background sampling locations are presented in Figure 4.3. Background soils data and soil boring logs are presented in Appendices D and E, respectively.

Background soil samples were analyzed for the following metals: arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. There were only 40 valid background sample results for selenium due to quality assurance/quality control (QA/QC) problems with the selenium data. A discussion of the data QA/QC is presented in Section 6.1. Mercury, selenium, and silver were not detected in any of the background surface soil samples. Mercury was detected in only 1 of 43 subsurface soil samples and selenium in 2 of 40 background subsurface samples. Silver was not detected in any background subsurface soil samples.

Two statistical methods presented in the RFI Work Plan can be used to determine if there is a statistically significant difference between background soil concentrations and the concentrations of metals detected in SWMU samples. The flow chart from the RFI Work Plan (USACE 1995) used for the statistical evaluations is provided in Appendix F. Background statistical calculations were determined by combining metals results from surface soils (0-2 ft) and subsurface soils (>2 ft) into one background data set. The statistical methods used to evaluate the background soil results are presented in Section 6 of the RFI Work Plan (USACE 1995). The methods include (1) a 95% upper tolerance limit (UTL) calculation and (2) an overall data set mean background concentration.

The primary statistical method for screening data is to compare SWMU data to the respective background 95% UTL values. The 95% UTL is an estimate of the 95th percentile of the population of background concentrations, such that, with a high degree of confidence, 95% of all background concentrations would be less than the UTL value. Results of the 95% UTL calculation are presented in Table 4.7. For inorganic parameters where there were fewer than 50% detects, and the distribution was neither normal nor lognormal, the maximum detected concentration was used in place of the 95% UTL. For inorganic parameters where there were no detects, the PQLs were used in place of the 95% UTLs as the background comparison value. The 95% UTL background values for surface and subsurface soils were used as the primary background screening criteria for inorganics. Appendix F contains spreadsheets of the Shapiro Wilk test on the background data for distribution, and results of the 95% UTL calculations for the background data.

The second statistical method to be used is either a mean comparison using the t-test, or the Wilcoxon (Mann-Whitney) Test. The use of these tests is dependent on the distribution of the data set. The t-test is to be used on data sets that have a normal distribution or that can be transformed to a normal distribution. According to the RFI Work Plan (USACE 1995), if the data set is not normally distributed and the t-test is not appropriate, a nonparametric method, the Wilcoxon Test, is to be used to test the difference in the background versus the data set. The flow chart from the RFI Work Plan (USACE 1995) used for the statistical evaluations is

provided in Appendix F. Results of calculations for the 95% UTLs, means, standard deviations, t-tests, and the Wilcoxon Test for FH-046 data are also presented in Appendix F.

Arsenic, barium, chromium, lead and mercury were detected in soil at FH-046 at concentrations greater than the 95% UTL soil background concentration. Further statistical analysis was performed for arsenic, barium, chromium and lead, however, additional analysis could not be performed for mercury because of an insufficient number of mercury detections in background soils. Arsenic, barium and chromium data from FH-046 were determined to be lognormal distributions. Student T-test results for arsenic and chromium indicated that no significant difference exists between the background soil arsenic and chromium data and FH-046 soil arsenic and chromium data; however, results of the Student T-test also indicated that a significant difference exists between the background soil barium data and FH-046 soil barium data. The Wilcoxon Test for lead detected in soil at FH-046 resulted in an absolute Z value of 0.25 versus the critical Z value of 1.645 for a one-tailed test. This indicates there is no significant difference between the background soil lead data and FH-046 soil lead data. Further discussion of statistical results is included in Section 6.2 (Investigation Results) of this report.

5.0 SOIL SCREENING ANALYSIS

The TNRCC has promulgated risk reduction standards (RRSs [30 Texas Administrative Code (TAC) 335, Subchapter S]) for soils for residential and industrial land uses. The TNRCC RRSs have been used to screen the surface and subsurface soil data generated at FH-046 to determine if constituents are present at the site at concentrations which may warrant further investigation. Constituents exceeding TNRCC RRSs are further screened in accordance with 30 TAC Section 335.553 using the 95% upper confidence limit (UCL95) of the mean concentration of the constituent. The most significant results for the purposes of this screening analysis are for those samples that were collected during the post-tank removal sampling of soils at FH-046 (June 1998) and at the last sampling event in October 1998. These particular samples would be most indicative of any residual constituents that may remain in soils within the excavated area.

TNRCC RRSs Number 1 are defined as background concentrations or analytical PQL values, whichever are greater. Initial screening of the sampling results was performed to determine which constituents, if any, were above RRSs Number 1 criteria. The RRS Number 1 criteria are the facility-wide 95% UTL soil background values for metals (except for mercury, selenium, and silver, which were not detected in background soils), or the PQLs for organic constituents or metals not detected in background samples. Soil sample results were compared to the background concentration levels for combined surface and subsurface soils (as presented in Section 4.3). To determine if constituents detected above RRS Number 1 criteria warrant further action, sample results that exceeded the RRS Number 1 criteria were screened against the RRS Number 2 criteria. RRSs Number 2 are health-based standards and criteria that are deemed protective of human health or the environment. They are based on the ingestion of soil and inhalation of particulates and volatiles pathway and the soil-to-groundwater cross-media protection pathway (GWP). Soil samples at FH-046 were screened using the 30 TAC 35 industrial soil GWP criteria and groundwater samples were screened using the 30 TAC 335 groundwater criteria. RRS Number 2 values for some constituents were not provided in Appendix II of 30 TAC Chapter 335 Subchapter S. Therefore, Medium Specific Concentrations (MSCs) of RRS Number 2 were calculated using Equations 1 and 3 and adjusted for the soil to groundwater cross-media pathway for the industrial receptor as directed in TNRCC 335.559. Tables 5.1, 5.2 and 5.3 present analytical results which exceed TNRCC RRS Number 1 and 2 criteria.

UCL95 concentrations were calculated for constituents which exceed TNRCC RRS Number 1 and 2 criteria in soil (constituents appearing on Tables 5.1, 5.2 and 5.3, respectively) and which are included in a data set of at least ten samples. According to 30 TAC Section 335.553, the UCL95 is compared to the TNRCC RRS Number 1 and 2 of each constituent to determine if constituent concentrations are expected to be less than the screening criteria. The UCL95 is a value such that, with a high degree of confidence, 95% of all concentrations at a SWMU would be less than the UCL95 value. If the UCL95 is less than the screening concentration for any constituent, then the risk to human health and the environment due to concentrations of that constituent is considered low. Table 5.4 compares the UCL95 values to the screening concentration of each constituent detected above TNRCC RRSs Number 1 and 2 in soil. Analytical results for constituents whose analytical concentrations and UCL95 concentrations exceed TNRCC RRS Number 1 and 2 criteria are summarized on the sample location figures (Figures 4.1 and 4.2). The following subsections present summaries of the comparisons to RRS Numbers 1 and 2 criteria by sampling event. Each sampling event is discussed separately, however statistical results (i.e UCL95 values and mean comparisons) represent the entire data set from all sampling events. Complete results of the soil and groundwater screening analysis are presented in Appendix G.

5.1 FEBRUARY 1997 SOIL AND WATER SCREENING ANALYSIS

As shown in Table 5.1, three metals (arsenic, barium, and lead) exceeded TNRCC RRSs Number 1 criteria. Arsenic exceeded background values in SB101 (9.9 mg/kg) at 5.0-6.0 ft BGS. Barium exceeded background values in SB101 (188 mg/kg) at 5.0-6.0 ft BGS and SB104 (172 mg/kg) at 0.5-1.5 ft BGS. Lead exceeded background values in SB103 (121J mg/kg) at 4.0-5.0 ft BGS and SB104 (19.5J mg/kg) at 0.5-1.5 ft BGS.

Based on the results of the mean comparison statistics on the entire data set, arsenic and lead concentrations at FH-046 are not significantly different than background concentrations. Further evaluation of the presence of arsenic, barium and lead in soils was performed in accordance with 30 TAC Section 335.553, which allows for statistical comparison of the results of analysis for data sets of 10 or more samples utilizing the UCL95 of the contaminant. Table 5.4 compares the UCL95 values to screening concentrations. The UCL95 is below the screening concentration for arsenic and barium in soil. Results of the mean comparison statistics, as well as comparison of the UCL95 value to screening criteria, indicate that concentrations of arsenic, barium and lead in soil at FH-046 do not pose a risk to human health and the environment.

No organic compounds exceeded TNRCC RRS Number 2 criteria at FH-046. None of the constituents detected in the groundwater samples collected from SB104 exceeded the TAC groundwater screening criteria.

5.2 SEPTEMBER 1997 SOIL SAMPLING ANALYSIS

As stated in Section 4.2.2, only metals were detected in the samples collected from the seven sampling locations. None of the samples contained metals at concentrations above the background levels.

5.3 JUNE 1998 SOIL SCREENING ANALYSIS

Four metals (arsenic, barium, chromium, and lead) exceeded TNRCC RRSs Number 1 criteria during the June 1998 sampling event. The results of this screening are presented in Table 5.2 and on Figure 4.2. Barium exceeded background values more frequently than other metals detected. Barium was detected above the background value of 157.3 mg/kg in samples 46SB128 (205 mg/kg), 46SB129 (206 mg/kg), 46SB130 (166 mg/kg), and 46SB131 (209 mg/kg). Arsenic exceeded the background value of 9.2 mg/kg in samples 46SB128 (12 mg/kg), 46SB129 (10.5 mg/kg) and 46SB131 (9.6 mg/kg). Chromium exceeded the background value of 24.9 mg/kg in samples 46SB129 (27 mg/kg) and 46SB131 (30.3 mg/kg). Lead exceeded the background value of 19 mg/kg in only one sample, 46SB136 (560J mg/kg). The samples in which metals exceeded TNRCC RRSs Number 1 values were located in the northern (46SB128), western (46SB129) and eastern (46SB131) walls of the excavation pit, and in the trench for the feed pipe to the former tank (46SB130 and 46SB136).

Based on the results of the mean comparison statistics, arsenic, chromium and lead concentrations at FH-046 are not significantly different than background concentrations. Further evaluation of the presence of arsenic, barium, chromium and lead in soils was performed utilizing the UCL95 of the contaminants. Table 5.4 compares the UCL95 values to screening concentrations. The UCL95 is below the screening concentration for arsenic, barium and chromium in soil. Results of the mean comparison statistics (see Section 4.3), as well as comparison of the UCL95 value to screening criteria, indicate that concentrations of arsenic, barium, chromium and lead in soil at FH-046 do not pose a risk to human health and the environment.

5.4 OCTOBER 1998 SOIL SCREENING ANALYSIS

Four metals (arsenic, barium, lead, and mercury) exceeded TNRCC RRSs Number 1 criteria (Table 5.3) during the October 1998 sampling event. Arsenic exceeded the background value of 9.2 mg/kg in SB113 (11.6 mg/kg at 10.0-11.7 ft BGS) and SB118 (13.4 mg/kg at 10.0-11.7 ft BGS). Barium exceeded the background value of 157.3 mg/kg in SB113 (158 mg/kg at 4.0-6.0 ft BGS) and SB118 (280J mg/kg at 6.0-8.0 ft BGS). Lead exceeded the background value of 19 mg/kg in SB115 (34.7 mg/kg 0.0-2.0 ft BGS) and SB119 (25.1J mg/kg 0.0-2.0 ft BGS). Mercury exceeded the background value of 0.2 mg/kg in SB114 (0.93 mg/kg at 6.0-8.0 ft BGS). No organic compounds exceeded TNRCC RRSs Number 2 values during this sampling event.

Based on the results of the mean comparison statistics, arsenic and lead concentrations at FH-046 are not significantly different than background concentrations. Further evaluation of the presence of arsenic, barium, lead and mercury in soils was performed utilizing the UCL95 of the contaminants. Table 5.4 compares the UCL95 values to screening concentrations. The UCL95 is below the screening concentration for arsenic, barium and mercury in soil. Results of the mean comparison statistics (see Section 4.3), as well as comparison of the UCL95 value to screening criteria, indicate that concentrations of arsenic, barium, lead and mercury in soil at FH-046 do not pose a risk to human health and the environment.

6.0 INVESTIGATION ANALYSIS\

6.1 DATA QUALITY ASSURANCE/QUALITY CONTROL

The Fort Hood RFI Work Plan, the contract laboratory's Quality Assurance Plan, and (U.S Environmental Protection Agency (USEPA) SW-846 or other approved procedures for analytical chemistry and physical testing methods were followed for field and laboratory QA/QC of FH-046 samples. According to the RFI Work Plan (USACE 1995), QA and QC samples were to be collected at a frequency of ten percent and analyzed along with the environmental samples. Field QC samples for FH-046 included trip blanks, equipment rinsate blanks, and field duplicates, as well as QA split samples. Quality control analyses such as matrix spikes, blanks, and laboratory control samples were conducted by the contract laboratory as an internal control measure of the accuracy and precision of the data. Quality assurance sample analyses were performed by the Army Corps of Engineers' Southwest District Laboratory as an external control measure of the accuracy and precision of the contract laboratory's results and of sampling procedures. The QA/QC and corresponding field sample results are reviewed by Army Corps of Engineers quality assurance personnel, who then issue a Chemical Quality Assurance Report (CQAR).

Laboratory QC procedures as prescribed by each analytical method were followed by the contract laboratory and included the following, where applicable: gas chromatography/mass spectrometry (GC/MS) tuning, initial and continuing calibrations, method/extraction blanks, laboratory control samples (LCS), surrogate spikes, internal and external standards, duplicates, matrix spikes/matrix spike duplicates (MS/MSDs), inductively coupled plasma (ICP) and atomic absorption (AA) related QC procedures/samples, and spiked sample clean-up results.

The CQAR addressed concerns with the FH-046 data. The concerns were the potential for data to be biased (high or low) and the potential for false negatives and false positives based on matrix spike and laboratory control spike deviations from QC criteria for a number of analytical parameters for soil including acetone, barium, cadmium, chromium, lead, selenium, naphthalene, methylene chloride, 4-chloroanailine, 3-nitroanailine, 3,3'-dichlorobenzidine, and di-n-octylphthalate. The deviations did not lead to the rejection or requalification of the data. Based on the CQAR findings, data are usable and have met the project DQOs.

Data QA/QC procedures included an independent data validation of ten percent of the results for compliance of analyses to data quality objectives (DQOs). All FH-046 data that were reviewed for data validation met project DQOs and are usable data as qualified, with the exception of selenium results for 10 background soil samples (2 surface and 8 subsurface). The selenium results were rejected due to unacceptable matrix spike recoveries and were excluded from background calculations. The rejected background data had no impact on the FH-046 results.

6.2 INVESTIGATION RESULTS

The data set for surface and subsurface soil at FH-046 and the quality of the data are useable to meet the objectives of the RFI as described in Section 4.0 of this report. A total of 75 soil samples and 2 water samples were collected at FH-046, and analyzed according to the RFI Work Plan (USACE 1995). The number and location of the samples were adequate to provide information regarding the presence/absence of contamination, and the characterization of the vertical and lateral extent of potential contamination.

Water was only collected and sampled during the initial February 1997 sampling event. Based on the soil boring logs, groundwater was not encountered during drilling and the clay soil was generally dry and hard down to depths of 20.5 ft. The water samples were collected several days after the soil borings were drilled and left open. Based on best professional judgement the water was not groundwater, but water that had

infiltrated into the boring from trapped or perched water under the asphalt/concrete surface. No groundwater was encountered during any of the subsequent sampling events or during tank removal. Weathered limestone was encountered in some of the soil borings, but the competent blue-gray limestone bedrock was not encountered at the greatest depth advanced (20.5 ft BGS).

The majority of the constituents detected at FH-046 were found along the southern wall and the bottom of the excavation pit for the tank. Also, constituents were detected in the trench from the drain pipe to the tank. These areas in the pit were not excavated fully because of encountering lenses of weathered limestone or because the site conditions prevented further excavation due to the location of fencing or buildings. Due to these physical limitations, the trench for the drain pipe was not excavated to a sufficient depth to remove the contaminated soil, especially near the connection of the drain pipe to the tank. Because of excavation limitations, some residual constituents remain in the soil within the immediate vicinity of the tankhold. Backfilling of the excavated tank and drain pipe area has limited direct exposure to residual constituents.

Several metals were detected in soil above background concentrations at FH-046. However, further evaluation indicates that lead is the only metal whose UCL95 value exceeds background criteria. In addition, statistical analysis using the Wilcoxon Test indicates that lead concentrations in soil at FH-046 are not significantly different than background lead concentrations. Organic compounds were commonly detected at low concentrations, however, there were no organic compound exceedances of RRS Number 2 criteria in the soil or groundwater at FH-046. Therefore, the detected concentrations of organic and inorganic constituents at FH-046 do not pose a threat to human health and the environment.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The analytical results indicate that metals and organic compounds are present in soil at FH-046 and are the result of the disposal of waste paint thinners at the former DEH Waste Paint Thinner Tank. However, the metals detected in samples outside of the excavation pit in subsurface soils are at levels consistent with background concentrations. Metals that exceeded TNRCC RRSs Number 1 values were found in areas where excavation was incomplete or structures prevented further excavation. Metals exceeding background criteria were shown statistically to pose no threat to human health and the environment. Organic compounds were detected in the excavation pit but concentrations of these compounds did not exceed TNRCC RRSs Number 2 values. Excavation and sampling of the southern and eastern walls of the pit were impeded by perimeter fencing and Building 4273, respectively. The investigative results indicate that remnant organic contaminants have remained in the vicinity of the tank excavation, but have not migrated into the surrounding soils or groundwater and do not pose a threat to human health and the environment.

Based on best professional judgement, the contaminants left in place will not migrate to adjacent soils or groundwater. No true groundwater was encountered during any of the sampling events as discussed in Sections 2.2.2 and 6.2, and groundwater or competent bedrock should not be encountered for at least a depth of 20.5 feet. The clay soil will adsorb and bind the contaminants left in place thus eliminating the threat of migration of contaminants to soils and groundwater in the vicinity of FH-046.

The site of the former waste paint thinner tank is covered with asphalt, which is consistent with most of the surrounding area. The SWMU is located in an industrialized high traffic area and contaminants detected near the SWMU may be a cumulative result of ongoing activities. However, because the waste paint thinner tank was a primary source of contamination in the area and has been removed, it is recommended that FH-046 be closed under RRS Number 2 and no further action (no corrective measures) is needed at SWMU FH-046.

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TABLES

Table 4.1 FH-046 Sample Identification and Analyses

Station	Sample ID	Matrix	Depth (ft)	Date Collected
February and April 1997 Initial Sampling				
SB101	46SB112	Surface Soil	0.5-2.0	04/02/1997
	46SB113	Subsurface Soil	5.0-6.0	04/03/1997
	46SB114	Subsurface Soil	10.0-11.0	04/03/1997
SB102	46SB109	Surface Soil	0.5-1.5	02/05/1997
	46SB110	Subsurface Soil	4.0-5.0	02/05/1997
	46SB111	Subsurface Soil	9.0-10.0	02/05/1997
	FHGW119	Groundwater	---	02/07/1997
SB103	46SB101	Subsurface Soil	4.0-5.0	02/04/1997
	46SB102	Subsurface Soil	9.0-10.0	02/04/1997
	46SB103	Subsurface Soil	15.5-16.5	02/04/1997
SB104	46SB104	Surface Soil	0.5-1.5	02/04/1997
	46SB105	Subsurface Soil	4.0-5.0	02/04/1997
	46SB106	Subsurface Soil	9.0-10.0	02/04/1997
	46SB107	Subsurface Soil	14.0-15.0	02/04/1997
	46SB108	Subsurface Soil	19.0-20.0	02/04/1997
	FHGW120	Groundwater	---	02/07/1997
September 1997 Sampling				
SB105	46SB115	Subsurface Soil	8.0-10.0	09/18/1997
	46SB116	Subsurface Soil	10.0-12.0	09/19/1997
SB106	46SB117	Subsurface Soil	8.0-10.0	09/19/1997
SB107	46SB118	Subsurface Soil	8.0-10.0	09/19/1997
SB108	46SB119	Subsurface Soil	8.0-10.0	09/20/1997
	46SB120	Subsurface Soil	10.0-12.0	09/20/1997
SB109	46SB121	Subsurface Soil	8.0-10.0	09/20/1997
	46SB122	Subsurface Soil	10.0-12.0	09/20/1997
SB110	46SB123	Subsurface Soil	8.0-10.0	09/20/1997
	46SB124	Subsurface Soil	10.0-11.5	09/20/1997
SB111	46SB125	Subsurface Soil	8.0-10.0	09/20/1997
	46SB126	Subsurface Soil	10.0-11.5	09/20/1997
UST	46TKSD1	Tank Sediment	---	09/12/1997
	46TKWA1	Tank Water	---	09/12/1997
June 1998 Confirmatory Sampling				
UST	46SB127	Excavation Wall (Soil)	5.0-5.5	06/03/1998
	46SB128	Excavation Wall (Soil)	5.0-5.5	06/03/1998
	46SB129	Excavation Wall (Soil)	5.0-5.5	06/03/1998
	46SB130	Excavation Trench (Soil)	0.0-0.5	06/03/1998
	46SB131	Excavation Wall (Soil)	5.0-5.5	06/03/1998
	46SB132	Excavation Floor (Soil)	10.0-10.5	06/03/1998
	46SB133	Excavation Floor (Soil)	10.0-11.0	06/03/1998
	46SB134	Excavation Floor (Soil)	10.0-10.0	06/03/1998
	46SB135	Excavation Floor (Soil)	10.0-10.0	06/03/1998
	46SB136	Excavation Trench (Soil)	0.0-0.5	06/03/1998

Table 4.1 FH-046 Sample Identification and Analyses (continued)

Station	Sample ID	Matrix	Depth (ft)	Date Collected
October 1998 Sampling				
SB112	46SB137	Surface Soil	0.0-2.0	10/28/1998
	46SB138	Subsurface Soil	2.0-4.0	10/28/1998
	46SB139	Subsurface Soil	4.0-6.0	10/28/1998
	46SB140	Subsurface Soil	6.0-8.0	10/28/1998
	46SB141	Subsurface Soil	8.0-10.0	10/28/1998
	46SB142	Subsurface Soil	10.0-11.7	10/28/1998
SB113	46SB143	Surface Soil	0.0-2.0	10/28/1998
	46SB144	Subsurface Soil	4.0-6.0	10/28/1998
	46SB145	Subsurface Soil	6.0-8.0	10/28/1998
	46SB146	Subsurface Soil	8.0-10.0	10/28/1998
	46SB147	Subsurface Soil	10.0-11.7	10/28/1998
SB114	46SB148	Surface Soil	0.0-2.0	10/28/1998
	46SB149	Subsurface Soil	4.0-6.0	10/28/1998
	46SB150	Subsurface Soil	6.0-8.0	10/28/1998
	46SB151	Subsurface Soil	8.0-10.0	10/28/1998
SB115	46SB152	Surface Soil	0.0-2.0	10/28/1998
	46SB153	Subsurface Soil	2.0-4.0	10/28/1998
	46SB154	Subsurface Soil	4.0-6.0	10/28/1998
	46SB155	Subsurface Soil	6.0-8.0	10/28/1998
	46SB156	Subsurface Soil	8.0-10.0	10/28/1998
SB116	46SB157	Subsurface Soil	8.0-10.2	10/28/1998
SB117	46SB158	Surface Soil	0.0-2.0	10/28/1998
	46SB159	Subsurface Soil	2.0-3.5	10/29/1998
	46SB160	Subsurface Soil	4.0-6.0	10/28/1998
	46SB161	Subsurface Soil	6.0-8.0	10/29/1998
	46SB162	Subsurface Soil	8.0-10.0	10/29/1998
	46SB163	Subsurface Soil	10.0-11.0	10/29/1998
SB118	46SB164	Surface Soil	0.0-2.0	10/29/1998
	46SB165	Subsurface Soil	2.0-4.0	10/29/1998
	46SB166	Subsurface Soil	4.0-6.0	10/29/1998
	46SB167	Subsurface Soil	6.0-8.0	10/28/1998
	46SB168	Subsurface Soil	8.0-10.0	10/29/1998
	46SB169	Subsurface Soil	10.0-11.7	10/29/1998
SB119	46SB170	Surface Soil	0.0-2.0	10/29/1998
	46SB171	Subsurface Soil	2.0-4.0	10/29/1998
	46SB172	Subsurface Soil	4.0-6.0	10/29/1998
	46SB173	Subsurface Soil	6.0-8.0	10/29/1998
	46SB174	Subsurface Soil	8.0-10.0	10/29/1998
	46SB175	Subsurface Soil	10.0-12.0	10/29/1998

Notes:
1. Groundwater was collected when encountered during installation of soil borings.
2. All samples were analyzed for volatile organics, semivolatile organics and metals, except for the water sample from SB102 which was analyzed for volatile organics only due to insufficient sample volume.

Table 4.2 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during February 1997

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB101	46SB112	0.5-2.0	Metals	Arsenic	6.5	0.40	mg/kg
				Barium	102	0.08	mg/kg
				Cadmium	0.15	0.06	mg/kg
				Chromium	17	0.09	mg/kg
				Lead	9.1 J	0.23	mg/kg
	46SB113	5.0-6.0	Metals	Arsenic	9.9	0.45	mg/kg
				Barium	188	0.09	mg/kg
				Cadmium	0.11	0.07	mg/kg
				Chromium	24	0.10	mg/kg
				Lead	16.1 J	0.26	mg/kg
			Volatile Organics	Trichloroethene	14	7	ug/kg
	46SB114	10.0-11.0	Metals	Arsenic	2.5	0.35	mg/kg
				Barium	20.8	0.07	mg/kg
				Chromium	7.8	0.08	mg/kg
				Lead	1.8 J	0.20	mg/kg
			Volatile Organics	tert-Butylbenzene	11	6	ug/kg
SB102	46SB109	0.5-1.5	Metals	Arsenic	4.8	0.35	mg/kg
				Barium	14.9	0.09	mg/kg
				Cadmium	0.19 J	0.04	mg/kg
				Chromium	2.8 J	0.09	mg/kg
				Lead	5.9 J	0.15	mg/kg
			Volatile Organics	Methylene Chloride	15	5	ug/kg

Table 4.2 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during February 1997

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
SB102	46SB110	4.0-5.0	Metals	Arsenic	2.8		0.39	mg/kg
				Barium	44.2		0.09	mg/kg
				Cadmium	0.15	J	0.05	mg/kg
				Chromium	5.3	J	0.09	mg/kg
				Lead	3.5	J	0.17	mg/kg
			Semi-Volatile Organics	2-Methylnaphthalene	1200		390	ug/kg
			Volatile Organics	Methylene Chloride	16		6	ug/kg
	46SB111	9.0-10.0	Metals	Arsenic	3.5		0.38	mg/kg
				Barium	10.5		0.09	mg/kg
				Cadmium	0.1	J	0.05	mg/kg
				Chromium	3.3	J	0.09	mg/kg
				Lead	2.4	J	0.16	mg/kg
			Volatile Organics	Methylene Chloride	8		6	ug/kg
SB103	46SB101	4.0-5.0	Metals	Arsenic	2.8		0.38	mg/kg
				Barium	73.7		0.09	mg/kg
				Cadmium	0.23		0.05	mg/kg
				Chromium	17.7		0.09	mg/kg
				Lead	121	J	0.16	mg/kg
				Mercury	0.17		0.04	mg/kg
			Volatile Organics	2-Butanone	10		6	ug/kg
	46SB102	9.0-10.0	Metals	Arsenic	5.5		0.37	mg/kg

Table 4.2 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during February 1997

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB103	46SB102	9.0-10.0	Metals	Barium	19.8	0.09	mg/kg
				Cadmium	0.05	0.04	mg/kg
				Chromium	6.3	0.09	mg/kg
				Lead	3.8 J	0.16	mg/kg
	46SB103	15.5-16.5	Metals	Arsenic	2.2	0.36	mg/kg
				Barium	9.6	0.09	mg/kg
				Cadmium	0.07	0.04	mg/kg
				Chromium	7.1	0.09	mg/kg
				Lead	3.5 J	0.15	mg/kg
SB104	46SB104	0.5-1.5	Metals	Arsenic	6.8	0.45	mg/kg
				Barium	172	0.11	mg/kg
				Cadmium	0.28	0.05	mg/kg
				Chromium	19.1	0.11	mg/kg
				Lead	19.5 J	0.19	mg/kg
			Volatile Organics	2-Butanone	11	7	ug/kg
	46SB105	4.0-5.0	Metals	Arsenic	3.4	0.39	mg/kg
				Barium	76	0.09	mg/kg
				Cadmium	0.15	0.05	mg/kg
				Chromium	6.3	0.09	mg/kg
				Lead	3.6 J	0.16	mg/kg
			Volatile Organics	2-Butanone	53	6	ug/kg
	46SB106	9.0-10.0	Metals	Arsenic	2.6	0.36	mg/kg
				Barium	10.9	0.09	mg/kg

Table 4.2 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during February 1997

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB104	46SB106	9.0-10.0	Metals	Cadmium	0.09	0.04	mg/kg
				Chromium	4.9	0.09	mg/kg
				Lead	3.1 J	0.15	mg/kg
			Volatile Organics	2-Butanone	9	5	ug/kg
	46SB107	14.0-15.0	Metals	Arsenic	2	0.36	mg/kg
				Barium	12.5	0.09	mg/kg
				Cadmium	0.05	0.04	mg/kg
				Chromium	8.1	0.09	mg/kg
				Lead	2.8 J	0.15	mg/kg
	46SB108	19.0-20.0	Metals	Arsenic	7.9	0.37	mg/kg
				Barium	19	0.09	mg/kg
				Cadmium	0.08	0.04	mg/kg
				Chromium	13.7	0.09	mg/kg
				Lead	5 J	0.16	mg/kg
			Volatile Organics	2-Butanone	12	6	ug/kg

J - Indicates estimated value

Table 4.3 FH-046 Analytes Detected in Groundwater above Practical Quantitation Limits (PQLs) during February 1997

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB104	FHGW120	--	Metals	Barium	103	0.30	ug/l
				Lead	2.1	1.7	ug/l

Table 4.4 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during September 1997

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB105	46SB115	8.0-10.0	Metals	Arsenic	6.4	0.34	mg/kg
				Barium	41.9	0.066	mg/kg
				Cadmium	0.34	0.055	mg/kg
				Chromium	7.3 E	0.077	mg/kg
				Lead	4.5	0.2	mg/kg
	46SB116	10.0-12.0	Metals	Arsenic	3.1	0.34	mg/kg
				Barium	15.3	0.066	mg/kg
				Chromium	3.3	0.077	mg/kg
				Lead	1.9 J	0.2	mg/kg
SB106	46SB117	8.0-10.0	Metals	Arsenic	2.9	0.34	mg/kg
				Barium	28.4	0.065	mg/kg
				Cadmium	0.06	0.05	mg/kg
				Chromium	6.3	0.076	mg/kg
				Lead	1.1 J	0.2	mg/kg
SB108	46SB119	8.0-10.0	Metals	Arsenic	1.3	0.33	mg/kg
				Barium	8	0.064	mg/kg
				Cadmium	0.11	0.05	mg/kg
				Chromium	3.3	0.075	mg/kg
				Lead	0.96 J	0.19	mg/kg
	46SB120	10.0-12.0	Metals	Arsenic	2	0.33	mg/kg
				Barium	9.4	0.064	mg/kg
				Chromium	3.4	0.075	mg/kg

Table 4.4 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during September 1997

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB108	46SB120	10.0-12.0	Metals	Lead	1.3 J	0.19	mg/kg
SB109	46SB121	8.0-10.0	Metals	Arsenic	3.5	0.36	mg/kg
				Barium	36.2	0.07	mg/kg
				Cadmium	0.16	0.05	mg/kg
				Chromium	6.2	0.081	mg/kg
				Lead	1.9 J	0.21	mg/kg
	46SB122	10.0-12.0	Metals	Arsenic	3.3	0.36	mg/kg
				Barium	13.5	0.069	mg/kg
				Chromium	4.2	0.081	mg/kg
				Lead	1.5 J	0.21	mg/kg
SB110	46SB123	8.0-10.0	Metals	Arsenic	3.3	0.36	mg/kg
				Barium	18.4	0.07	mg/kg
				Cadmium	0.11	0.05	mg/kg
				Chromium	6.4	0.082	mg/kg
				Lead	2.2 J	0.22	mg/kg
	46SB124	10.0-11.5	Metals	Arsenic	6.6	0.34	mg/kg
				Barium	19.5	0.066	mg/kg
				Cadmium	0.06	0.05	mg/kg
				Chromium	5.8	0.077	mg/kg
				Lead	3.3 J	0.2	mg/kg
SB111	46SB125	8.0-10.0	Metals	Arsenic	4.6	0.37	mg/kg

Table 4.4 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during September 1997

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB111	46SB125	8.0-10.0	Metals	Barium	92.6	0.071	mg/kg
				Cadmium	0.16	0.05	mg/kg
				Chromium	9.8	0.083	mg/kg
				Lead	3.1 J	0.22	mg/kg
	46SB126	10.0-11.5	Metals	Arsenic	1.9	0.33	mg/kg
				Barium	11.9	0.065	mg/kg
				Chromium	3.8	0.075	mg/kg
				Lead	1.6 J	0.2	mg/kg

J - Indicates estimated value
E - Value is estimated because of the presence of interference.

Table 4.5 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during UST June 1998 Sampling Event

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
UST	46SB127	5.0-5.5	Metals	Arsenic	5.5		0.22	mg/kg
				Barium	81.8		0.16	mg/kg
				Chromium	15.1		0.10	mg/kg
				Lead	13.5	J	0.17	mg/kg
			Semi-Volatile Organics	2-Methylnaphthalene	15000	J	1600	ug/kg
				Dibenzofuran	730		390	ug/kg
				Fluorene	470		390	ug/kg
			Volatile Organics	1,2,4-trimethylbenzene	3700	D	760	ug/kg
				1,3,5-trimethylbenzene	93	J	6	ug/kg
				Acetone	69	J	6	ug/kg
				Isopropyl Benzene	30	J	6	ug/kg
				m,p-Xylene	24	J	6	ug/kg
				n-Butylbenzene	120	J	6	ug/kg
				n-propylbenzene	70	J	6	ug/kg
				p-Isopropyltoluene	1600	J	760	ug/kg
				sec-Butylbenzene	78	J	6	ug/kg
				Toluene	52	J	6	ug/kg
	46SB128	5.0-5.5	Metals	Arsenic	12		0.23	mg/kg
				Barium	205		0.17	mg/kg
				Chromium	21.3		0.10	mg/kg
				Lead	16.4	J	0.18	mg/kg
			Volatile Organics	Acetone	210	J	6	ug/kg

Table 4.5 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during UST June 1998 Sampling Event

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
UST	46SB129	5.0-5.5	Metals	Arsenic	10.5		0.22	mg/kg
				Barium	206		0.16	mg/kg
				Chromium	27		0.10	mg/kg
				Lead	15.9	J	0.17	mg/kg
	46SB130	0.0-0.5	Metals	Arsenic	8.1		0.23	mg/kg
				Barium	166		0.17	mg/kg
				Chromium	18.9		0.10	mg/kg
				Lead	18.7	J	0.18	mg/kg
			Semi-Volatile Organics	2-Methylnaphthalene	7100	J	880	ug/kg
				Naphthalene	1500		440	ug/kg
			Volatile Organics	1,2,4-trimethylbenzene	350	J	20	ug/kg
				1,3,5-trimethylbenzene	56		7	ug/kg
				2-Butanone	45		7	ug/kg
				Acetone	220		7	ug/kg
				Ethylbenzene	35		7	ug/kg
				Isopropyl Benzene	11		7	ug/kg
				m,p-Xylene	31		7	ug/kg
				n-Butylbenzene	39		7	ug/kg
				n-propylbenzene	30		7	ug/kg
				p-Isopropyltoluene	82		7	ug/kg
				sec-Butylbenzene	25		7	ug/kg
				Toluene	31		7	ug/kg
	46SB131	5.0-5.5	Metals	Arsenic	9.6		0.22	mg/kg

Table 4.5 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during UST June 1998 Sampling Event

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
UST	46SB131	5.0-5.5	Metals	Barium	209		0.16	mg/kg
				Chromium	30.3		0.10	mg/kg
				Lead	17.7	J	0.17	mg/kg
			Volatile Organics	Acetone	51		6	ug/kg
				Methylene Chloride	33		6	ug/kg
	46SB132	10.0-10.5	Metals	Arsenic	4.2		0.19	mg/kg
				Barium	61.7		0.14	mg/kg
				Chromium	9.6		0.09	mg/kg
				Lead	7.2	J	0.15	mg/kg
			Semi-Volatile Organics	2-Methylnaphthalene	670		310	ug/kg
			Volatile Organics	sec-Butylbenzene	8		6	ug/kg
				tert-Butylbenzene	10		6	ug/kg
	46SB133	10.0-11.0	Metals	Arsenic	4.1		0.20	mg/kg
				Barium	58.6		0.15	mg/kg
				Chromium	11.1		0.09	mg/kg
				Lead	6.9	J	0.16	mg/kg
			Semi-Volatile Organics	2-Methylnaphthalene	5100	J	740	ug/kg
				Dibenzofuran	760		370	ug/kg
				Fluorene	460		370	ug/kg
				Naphthalene	2000		370	ug/kg
			Volatile Organics	Acetone	38		29	ug/kg
				Isopropyl Benzene	200		29	ug/kg

Table 4.5 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during UST June 1998 Sampling Event

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
UST	46SB133	10.0-11.0	Volatile Organics	n-Butylbenzene	120		29	ug/kg
				n-propylbenzene	330		29	ug/kg
				sec-Butylbenzene	230		29	ug/kg
				tert-Butylbenzene	210		29	ug/kg
	46SB134	10.0-10.0	Metals	Arsenic	3.5		0.19	mg/kg
				Barium	23		0.14	mg/kg
				Chromium	6.2		0.09	mg/kg
				Lead	2.6	J	0.15	mg/kg
			Semi-Volatile Organics	2-Methylnaphthalene	850		330	ug/kg
			Volatile Organics	Acetone	17		5	ug/kg
				Isopropyl Benzene	6		5	ug/kg
				Methylene Chloride	12	B	5	ug/kg
				n-propylbenzene	13		5	ug/kg
				sec-Butylbenzene	12		5	ug/kg
	46SB135	10.0-10.0	Metals	Arsenic	3.7		0.19	mg/kg
				Barium	26.1		0.14	mg/kg
				Chromium	6.3		0.08	mg/kg
				Lead	4.2	J	0.14	mg/kg
			Volatile Organics	n-propylbenzene	6		5	ug/kg
				sec-Butylbenzene	8		5	ug/kg
				Toluene	10		5	ug/kg
	46SB136	0.0-0.5	Metals	Arsenic	4.5		0.21	mg/kg

Table 4.5 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during UST June 1998 Sampling Event

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
UST	46SB136	0.0-0.5	Metals	Barium	93.8	0.15	mg/kg
				Chromium	16.4	0.09	mg/kg
				Lead	560 J	0.16	mg/kg
			Semi-Volatile Organics	2-Methylnaphthalene	3100	360	ug/kg
				Naphthalene	380	360	ug/kg
			Volatile Organics	2-Butanone	20 J	6	ug/kg
				Acetone	130 J	6	ug/kg
				Toluene	79 J	6	ug/kg

J - Indicates estimated value
B (Organics) - Constituent dtected in associated blank sample
D - Diluted sample analysis

Table 4.6 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during October 1998

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
SB112	46SB137	0.0-2.0	Metals	Arsenic	5.5		0.23	mg/kg
				Barium	37.7		0.16	mg/kg
				Cadmium	0.1	B	0.04	mg/kg
				Chromium	5.0		0.10	mg/kg
				Lead	7.9		0.18	mg/kg
	46SB138	2.0-4.0	Metals	Arsenic	4.2		0.22	mg/kg
				Barium	56.8		0.16	mg/kg
				Cadmium	0.19	B	0.04	mg/kg
				Chromium	6.5		0.10	mg/kg
				Lead	4.9		0.17	mg/kg
	46SB139	4.0-6.0	Metals	Arsenic	5.8		0.24	mg/kg
				Barium	142		0.18	mg/kg
				Cadmium	0.25	B	0.04	mg/kg
				Chromium	11.8		0.11	mg/kg
				Lead	14.9		0.19	mg/kg
	46SB140	6.0-8.0	Metals	Arsenic	5.5		0.22	mg/kg
				Barium	127		0.16	mg/kg
				Cadmium	0.13	B	0.04	mg/kg
				Chromium	9.0		0.10	mg/kg
				Lead	8.1		0.17	mg/kg
	46SB141	8.0-10.0	Metals	Arsenic	2.3		0.20	mg/kg
				Barium	17.3		0.14	mg/kg
				Cadmium	0.09	B	0.03	mg/kg
				Chromium	2.7		0.09	mg/kg

Table 4.6 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during October 1998

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
SB112	46SB141	8.0-10.0	Metals	Lead	1.2		0.16	mg/kg
	46SB142	10.0-11.7	Metals	Arsenic	2.1		0.21	mg/kg
				Barium	9.3		0.15	mg/kg
				Chromium	2.3		0.09	mg/kg
				Lead	1.3		0.16	mg/kg
SB113	46SB143	0.0-2.0	Metals	Arsenic	3.8		0.21	mg/kg
				Barium	23.4		0.15	mg/kg
				Cadmium	0.12	B	0.03	mg/kg
				Chromium	3.3		0.09	mg/kg
				Lead	2.5		0.16	mg/kg
	46SB144	4.0-6.0	Metals	Arsenic	6.7		0.24	mg/kg
				Barium	158		0.17	mg/kg
				Cadmium	0.18	B	0.04	mg/kg
				Chromium	13.3		0.11	mg/kg
				Lead	11.7		0.19	mg/kg
	46SB145	6.0-8.0	Metals	Arsenic	3.0		0.21	mg/kg
				Barium	61.9		0.15	mg/kg
				Cadmium	0.08	B	0.04	mg/kg
				Chromium	4.7		0.09	mg/kg
				Lead	2.4		0.16	mg/kg
	46SB146	8.0-10.0	Metals	Arsenic	2.0		0.19	mg/kg
				Barium	12.7		0.13	mg/kg
				Cadmium	0.08	B	0.03	mg/kg

Table 4.6 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during October 1998

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
SB113	46SB146	8.0-10.0	Metals	Chromium	2.5		0.08	mg/kg
				Lead	1.0		0.14	mg/kg
	46SB147	10.0-11.7	Metals	Arsenic	11.6		0.21	mg/kg
				Barium	30.2		0.15	mg/kg
				Cadmium	0.11	B	0.04	mg/kg
				Chromium	5.1		0.09	mg/kg
				Lead	6.8		0.16	mg/kg
SB114	46SB148	0.0-2.0	Metals	Arsenic	7.2		0.58	mg/kg
				Barium	55.7		0.12	mg/kg
				Cadmium	0.26		0.12	mg/kg
				Chromium	7.4		0.12	mg/kg
				Lead	16.5	J	0.23	mg/kg
	46SB149	4.0-6.0	Metals	Arsenic	7.4		0.23	mg/kg
				Barium	145	J	0.17	mg/kg
				Cadmium	0.24	B	0.04	mg/kg
				Chromium	15.3		0.10	mg/kg
				Lead	12.7		0.18	mg/kg
	46SB150	6.0-8.0	Metals	Arsenic	2.7		0.19	mg/kg
				Barium	13.1	J	0.14	mg/kg
				Cadmium	0.09	B	0.03	mg/kg
				Chromium	2.4		0.09	mg/kg
				Lead	0.94		0.15	mg/kg
				Mercury	0.93		0.036	mg/kg

Table 4.6 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during October 1998

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB114	46SB151	8.0-10.0	Metals	Arsenic	2.5	0.21	mg/kg
				Barium	34.7 J	0.15	mg/kg
				Cadmium	0.06 B	0.03	mg/kg
				Chromium	5.7	0.09	mg/kg
				Lead	4.1	0.16	mg/kg
SB115	46SB152	0.0-2.0	Metals	Arsenic	4.4	0.19	mg/kg
				Barium	38.9 J	0.14	mg/kg
				Cadmium	0.18 B	0.03	mg/kg
				Chromium	9.5	0.09	mg/kg
				Lead	34.7	0.15	mg/kg
	46SB153	2.0-4.0	Metals	Arsenic	4.8	0.22	mg/kg
				Barium	72.3 J	0.16	mg/kg
				Cadmium	0.16 B	0.04	mg/kg
				Chromium	6.7	0.10	mg/kg
				Lead	4.9	0.17	mg/kg
	46SB154	4.0-6.0	Metals	Arsenic	3.4	0.20	mg/kg
				Barium	64.0 J	0.15	mg/kg
				Cadmium	0.14 B	0.03	mg/kg
				Chromium	7.3	0.09	mg/kg
				Lead	3.9	0.16	mg/kg
	46SB155	6.0-8.0	Metals	Arsenic	1.1 B	0.20	mg/kg
				Barium	69.0 J	0.14	mg/kg
				Cadmium	0.1 B	0.03	mg/kg

Table 4.6 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during October 1998

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
SB115	46SB155	6.0-8.0	Metals	Chromium	4.4		0.09	mg/kg
				Lead	2.1		0.15	mg/kg
	46SB156	8.0-10.0	Metals	Arsenic	8.4		0.22	mg/kg
				Barium	39.3	J	0.16	mg/kg
				Cadmium	0.09	B	0.04	mg/kg
				Chromium	3.7		0.10	mg/kg
				Lead	4.5		0.17	mg/kg
SB116	46SB157	8.0-10.2	Metals	Arsenic	5.1		0.21	mg/kg
				Barium	25.5	J	0.15	mg/kg
				Cadmium	0.14	B	0.04	mg/kg
				Chromium	3.8		0.09	mg/kg
				Lead	3.0		0.16	mg/kg
			Volatile Organics	n-propylbenzene	14		6	ug/kg
				sec-Butylbenzene	13		6	ug/kg
				tert-Butylbenzene	15		6	ug/kg
SB117	46SB158	0.0-2.0	Metals	Arsenic	4.0		0.19	mg/kg
				Barium	25.4	J	0.14	mg/kg
				Cadmium	0.11	B	0.03	mg/kg
				Chromium	5.1		0.09	mg/kg
				Lead	4.8		0.15	mg/kg
	46SB159	2.0-3.5	Metals	Arsenic	4.8		0.20	mg/kg
				Barium	61.7	J	0.15	mg/kg
				Cadmium	0.17	B	0.03	mg/kg

Table 4.6 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during October 1998

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
SB117	46SB159	2.0-3.5	Metals	Chromium	8.9		0.09	mg/kg
				Lead	4.8		0.16	mg/kg
	46SB160	4.0-6.0	Metals	Arsenic	4.4		0.20	mg/kg
				Barium	42.4	J	0.14	mg/kg
				Cadmium	0.13	B	0.03	mg/kg
				Chromium	6.0		0.09	mg/kg
				Lead	3.6		0.16	mg/kg
	46SB161	6.0-8.0	Metals	Arsenic	5.1		0.21	mg/kg
				Barium	47.8	J	0.15	mg/kg
				Cadmium	0.21	B	0.03	mg/kg
				Chromium	12.8		0.09	mg/kg
				Lead	13.5		0.16	mg/kg
	46SB162	8.0-10.0	Metals	Arsenic	4.0		0.21	mg/kg
				Barium	31.9	J	0.15	mg/kg
				Cadmium	0.13	B	0.04	mg/kg
				Chromium	3.8		0.09	mg/kg
				Lead	2.0		0.17	mg/kg
	46SB163	10.0-11.0	Metals	Arsenic	8.7		0.20	mg/kg
				Barium	35.9	J	0.14	mg/kg
				Cadmium	0.09	B	0.03	mg/kg
				Chromium	4.2		0.09	mg/kg
				Lead	4.4		0.16	mg/kg
SB118	46SB164	0.0-2.0	Metals	Arsenic	5.2		0.20	mg/kg

Table 4.6 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during October 1998

Location	Sample ID	Depth	Analysis Type	Parameter	Result		PQL	Units
SB118	46SB164	0.0-2.0	Metals	Barium	26.6	J	0.15	mg/kg
				Cadmium	0.12	B	0.03	mg/kg
				Chromium	5.6		0.09	mg/kg
				Lead	3.4		0.16	mg/kg
	46SB165	2.0-4.0	Metals	Arsenic	4.4		0.22	mg/kg
				Barium	55.6	J	0.16	mg/kg
				Cadmium	0.22	B	0.04	mg/kg
				Chromium	6.4		0.10	mg/kg
				Lead	4.7		0.17	mg/kg
	46SB166	4.0-6.0	Metals	Arsenic	6.2		0.22	mg/kg
				Barium	83.9	J	0.16	mg/kg
				Cadmium	0.25	B	0.04	mg/kg
				Chromium	10.6		0.10	mg/kg
				Lead	9.0		0.17	mg/kg
	46SB167	6.0-8.0	Metals	Arsenic	8.3		0.22	mg/kg
				Barium	280	J	0.16	mg/kg
				Cadmium	0.24	B	0.04	mg/kg
				Chromium	14.4		0.10	mg/kg
				Lead	13.1		0.17	mg/kg
	46SB168	8.0-10.0	Metals	Arsenic	3.2		0.22	mg/kg
				Barium	24.6	J	0.16	mg/kg
				Cadmium	0.11	B	0.04	mg/kg
				Chromium	4.1		0.10	mg/kg
				Lead	1.5		0.17	mg/kg

Table 4.6 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during October 1998

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB118	46SB169	10.0-11.7	Metals	Arsenic	13.4	0.60	mg/kg
				Barium	40.7	0.12	mg/kg
				Cadmium	0.29	0.12	mg/kg
				Chromium	9.3	0.12	mg/kg
				Lead	6.6 J	0.24	mg/kg
			Volatile Organics	Methylene Chloride	80	6	ug/kg
SB119	46SB170	0.0-2.0	Metals	Arsenic	6.3	0.60	mg/kg
				Barium	70.0	0.12	mg/kg
				Cadmium	0.36	0.12	mg/kg
				Chromium	11.8	0.12	mg/kg
				Lead	25.1 J	0.24	mg/kg
				Selenium	0.33 J	0.24	mg/kg
	46SB171	2.0-4.0	Metals	Arsenic	6.7	0.65	mg/kg
				Barium	151	0.13	mg/kg
				Cadmium	0.4	0.13	mg/kg
				Chromium	16.2	0.13	mg/kg
				Lead	16.4 J	0.26	mg/kg
	46SB172	4.0-6.0	Metals	Arsenic	4.0	0.58	mg/kg
				Barium	43.2	0.12	mg/kg
				Cadmium	0.15	0.12	mg/kg
				Chromium	6.5	0.12	mg/kg
				Lead	3.9 J	0.23	mg/kg

Table 4.6 FH-046 Analytes Detected in Soil above Practical Quantitation Limits (PQLs) during October 1998

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB119	46SB173	6.0-8.0	Metals	Arsenic	7.8	0.64	mg/kg
				Barium	100	0.13	mg/kg
				Cadmium	0.35	0.13	mg/kg
				Chromium	14.1	0.13	mg/kg
				Lead	10.3 J	0.26	mg/kg
	46SB174	8.0-10.0	Metals	Arsenic	3.9	0.53	mg/kg
				Barium	30.0	0.11	mg/kg
				Cadmium	0.13	0.11	mg/kg
				Chromium	3.6	0.11	mg/kg
				Lead	1.4 J	0.21	mg/kg
			Volatile Organics	2-Butanone	25	5	ug/kg
				Methylene Chloride	35	5	ug/kg
	46SB175	10.0-12.0	Metals	Arsenic	2.8	0.56	mg/kg
				Barium	22.3	0.11	mg/kg
				Cadmium	0.13	0.11	mg/kg
				Chromium	3.5	0.11	mg/kg
				Lead	1.5 J	0.23	mg/kg
			Volatile Organics	2-Butanone	9	6	ug/kg
				Methylene Chloride	34	6	ug/kg

J - Indicates estimated value
B (Inorganics) - Value was less then the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

Table 4.7

Statistical Analysis of 95% UTL Concentrations Background Soils

Analyte (units)	Mean	95% UTL	Maximum Detect	Results > PQL	Distribution
Arsenic (mg/kg)	4.3500	9.19	11.6	43/43	N
Barium (mg/kg)	30.19	157.3	155.0	43/43	L
Cadmium (mg/kg)	0.15	0.67	0.79	36/44	L
Chromium (mg/kg)	7.32	24.88	23.6	44/44	L
Lead (mg/kg)	5.77	19.0	33.20	44/44	L
Mercury (mg/kg)	0.0400	0.04*	0.04	1/44	D
Selenium (mg/kg)	0.345	0.44*	0.44	2/40	D
Silver (mg/kg)	0.218	**	ND	0/44	D

Results less than the detection limit were set to 2 the reported detection limit.

L distribution most similar to lognormal.

N distribution most similar to normal.

D distribution not determined because fewer than five detects or less than 50% detects.

* UTL -maximum detected

** the 95% UTL could not be calculated due to no detects in the background data set, therefore, the PQL will be used as the background comparison value. The PQL for silver in background samples ranges from 0.2 ppm to 0.25 ppm.

ND Not Detected

Table 5.1 FH-046 Soil Analytes Above Screening Criteria - February 1997

Location	Sample ID	Depth	Parameter	Result	Units	Screening Criteria	Screening Concentration	Units
SB101	46SB113	5.0-6.0	Arsenic	9.9	mg/kg	Soil Background	9.2	mg/kg
			Barium	188	mg/kg	Soil Background	157.3	mg/kg
SB103	46SB101	4.0-5.0	Lead	121 J	mg/kg	Soil Background	19	mg/kg
SB104	46SB104	0.5-1.5	Barium	172	mg/kg	Soil Background	157.3	mg/kg
			Lead	19.5 J	mg/kg	Soil Background	19	mg/kg

J - Indicates estimated value

Table 5.2 FH-046 Soil Analytes Above Screening Criteria - UST June 1998 Sampling Event

Location	Sample ID	Depth	Parameter	Result	Units	Screening Criteria	Screening Concentration	Units
UST	46SB128	5.0-5.5	Arsenic	12	mg/kg	Soil Background	9.2	mg/kg
			Barium	205	mg/kg	Soil Background	157.3	mg/kg
	46SB129	5.0-5.5	Arsenic	10.5	mg/kg	Soil Background	9.2	mg/kg
			Barium	206	mg/kg	Soil Background	157.3	mg/kg
			Chromium	27	mg/kg	Soil Background	24.9	mg/kg
	46SB130	0.0-0.5	Barium	166	mg/kg	Soil Background	157.3	mg/kg
	46SB131	5.0-5.5	Arsenic	9.6	mg/kg	Soil Background	9.2	mg/kg
			Barium	209	mg/kg	Soil Background	157.3	mg/kg
			Chromium	30.3	mg/kg	Soil Background	24.9	mg/kg
	46SB136	0.0-0.5	Lead	560 J	mg/kg	Soil Background	19	mg/kg

J - Indicates estimated value

Table 5.3 FH-046 Soil Analytes Above Screening Criteria - October 1998

Location	Sample ID	Depth	Parameter	Result	Units	Screening Criteria	Screening Concentration	Units
SB113	46SB144	4.0-6.0	Barium	158	mg/kg	Soil Background	157.3	mg/kg
	46SB147	10.0-11.7	Arsenic	11.6	mg/kg	Soil Background	9.2	mg/kg
SB114	46SB150	6.0-8.0	Mercury	0.93	mg/kg	30 TAC 335 Industrial Soil GWP	0.2	mg/kg
SB115	46SB152	0.0-2.0	Lead	34.7	mg/kg	Soil Background	19	mg/kg
SB118	46SB167	6.0-8.0	Barium	280 J	mg/kg	Soil Background	157.3	mg/kg
	46SB169	10.0-11.7	Arsenic	13.4	mg/kg	Soil Background	9.2	mg/kg
SB119	46SB170	0.0-2.0	Lead	25.1 J	mg/kg	Soil Background	19	mg/kg

J - Indicates estimated value

Table 5.4 Comparison of 95% Upper Confidence Limits (UCLs) to Screening Concentrations for FH-046 Parameters Detected Above Screening Concentrations

Media	Parameter	UCL95[a]	Screening Concentration	Units	UCL95 Exceeds Screening Concentration?
Soil	Arsenic	5.51	9.2[b]	mg/kg	NO
	Barium	73.71	157.3[b]	mg/kg	NO
	Chromium	9.88	24.9[b]	mg/kg	NO
	Lead	28.52	19[b]	mg/kg	Yes
	Mercury	0.06	0.2[c]	mg/kg	NO

a - Calculated in accordance to 30 TAC Section 335.553.

b - Soil background concentration.

c - TNRCC RRS Number 2 soil screening criteria (30 TAC Section 335).

FIGURES

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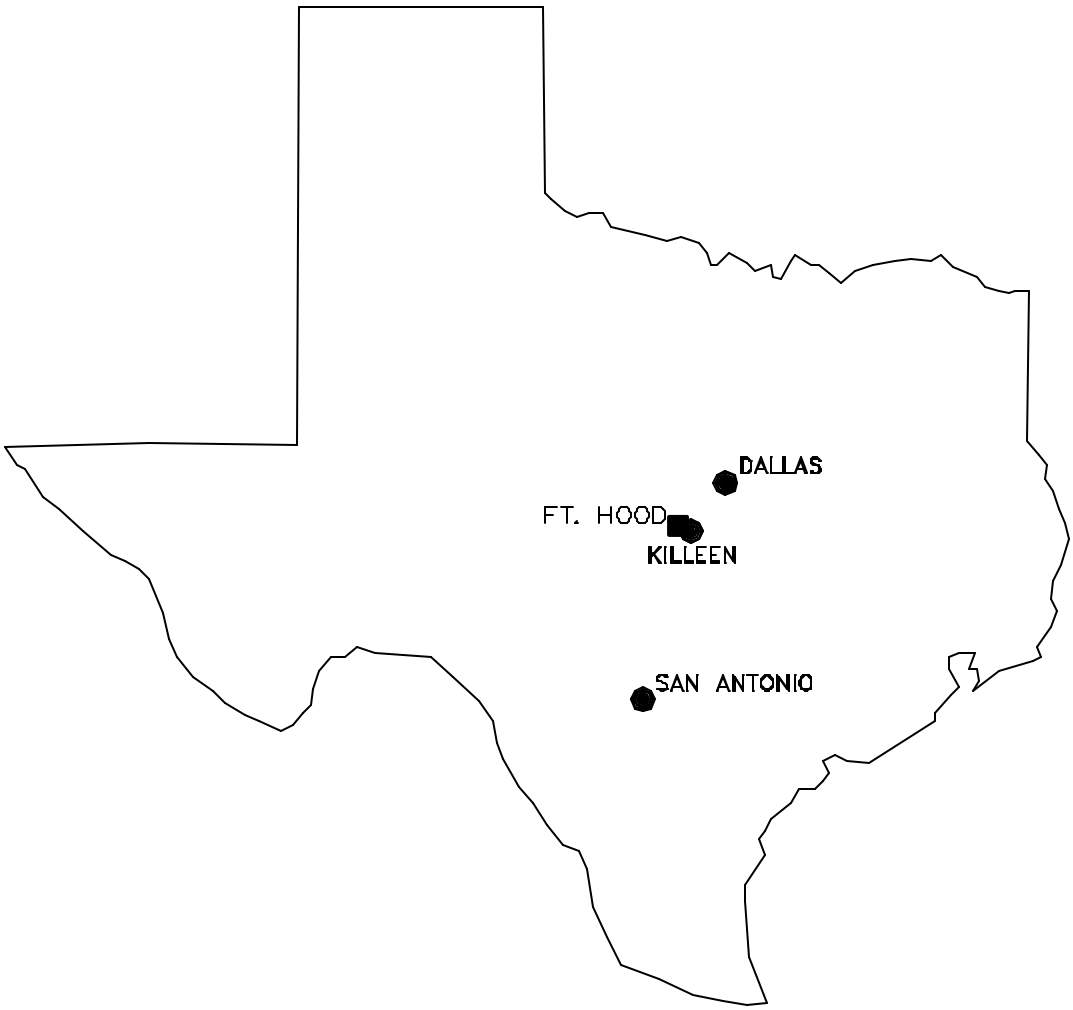

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

FORT HOOD
VICINITY MAP

Science Applications International Corporation — Columbus, Ohio

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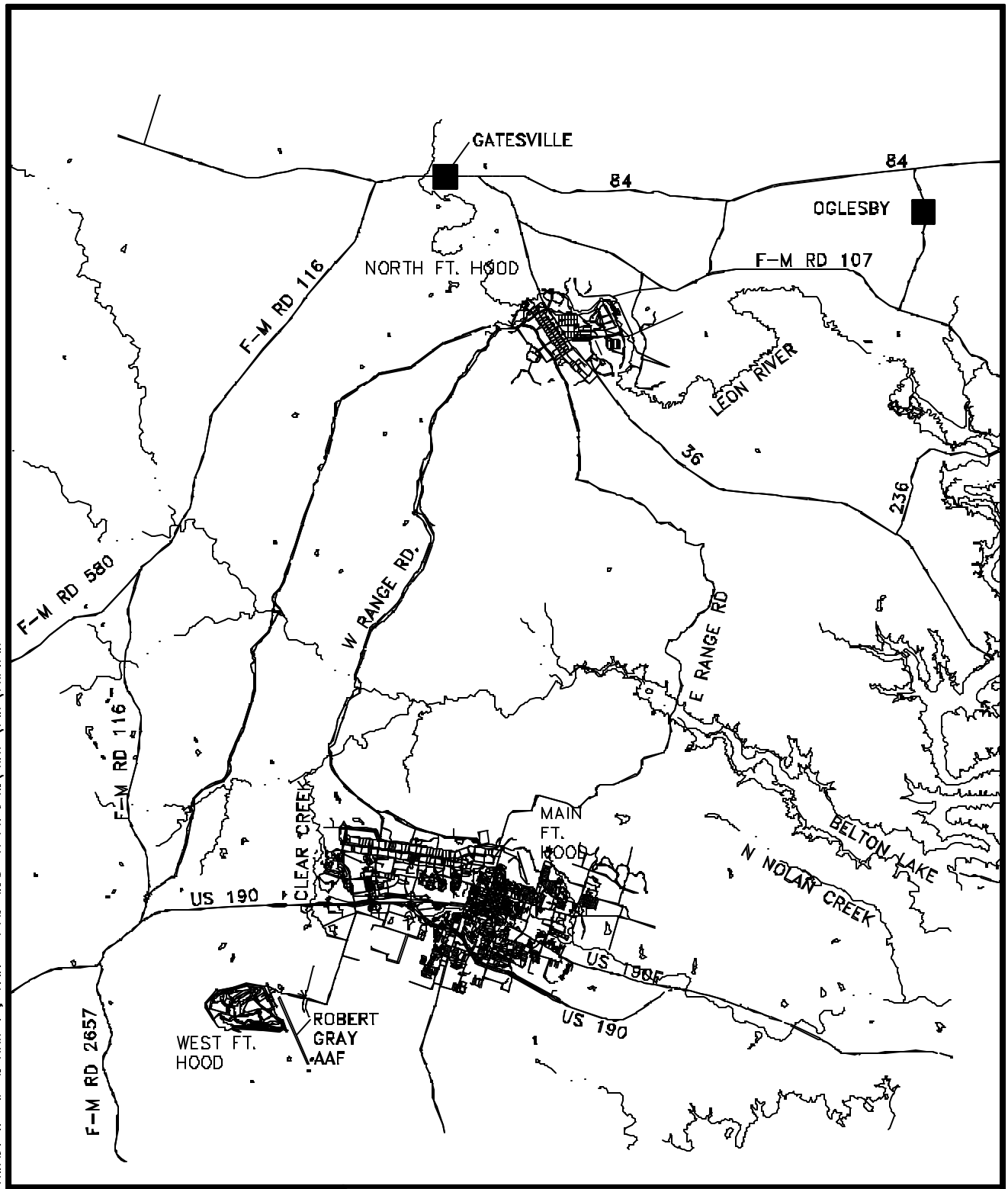

LEGEND

MAJOR ROADS

RIVERS/STREAMS

WATER BODIES

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

FT. HOOD INSTALLATION MAP

Science Applications International Corporation — Columbus, Ohio

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LEGEND

ROADWAYS AND INFRASTRUCTURE

FH-046 BOUNDARY

N

500 0 500 1000

METERS

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

FH-046 LOCATION MAP

SAIC® Science Applications International Corporation Columbus, Ohio

DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	FIGURE NO.
			AS SHOWN		1.3

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N
True North

400 0 400 800
METERS

LEGEND

TOPOGRAPHIC CONTOUR (FT.)

DRAINAGE

SURFACE DRAINAGE FLOW

FH-046

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

TOPOGRAPHY AND DRAINAGE
OF MAIN FT. HOOD

SAIC Science Applications International Corporation Columbus, Ohio

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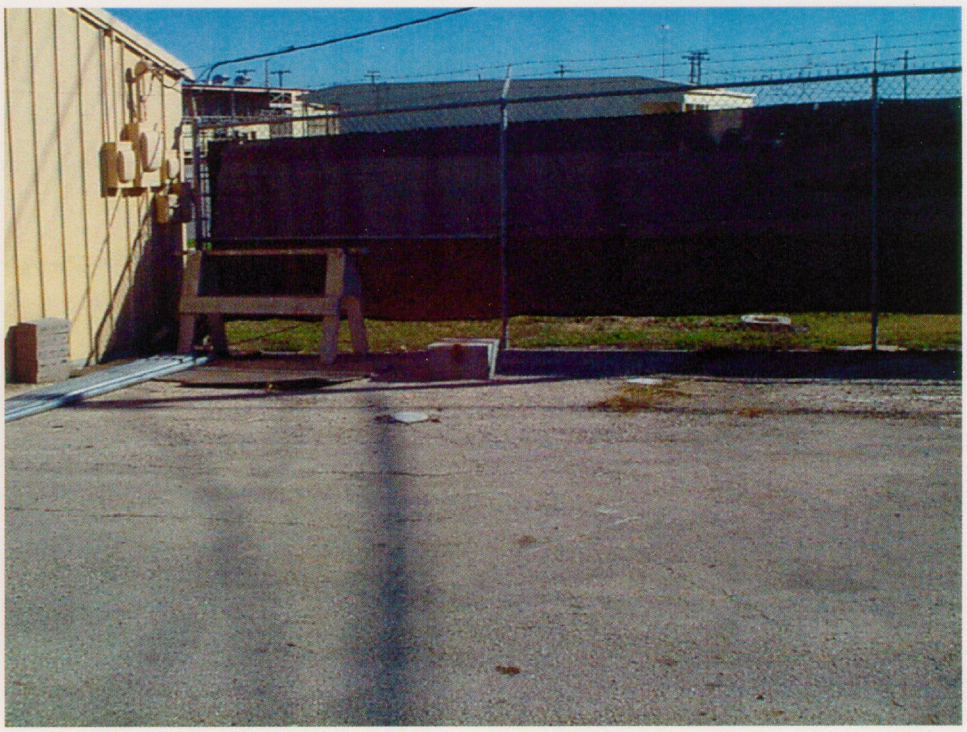

Figure 3.1 FH-046 Waste Paint Thinner Tank

T:\Gov\Coe\Fthood\Pictures\Hoodpics\Figs99\46fig3.1d.ppt

Figure 3.2 FH-046 Tank Excavation

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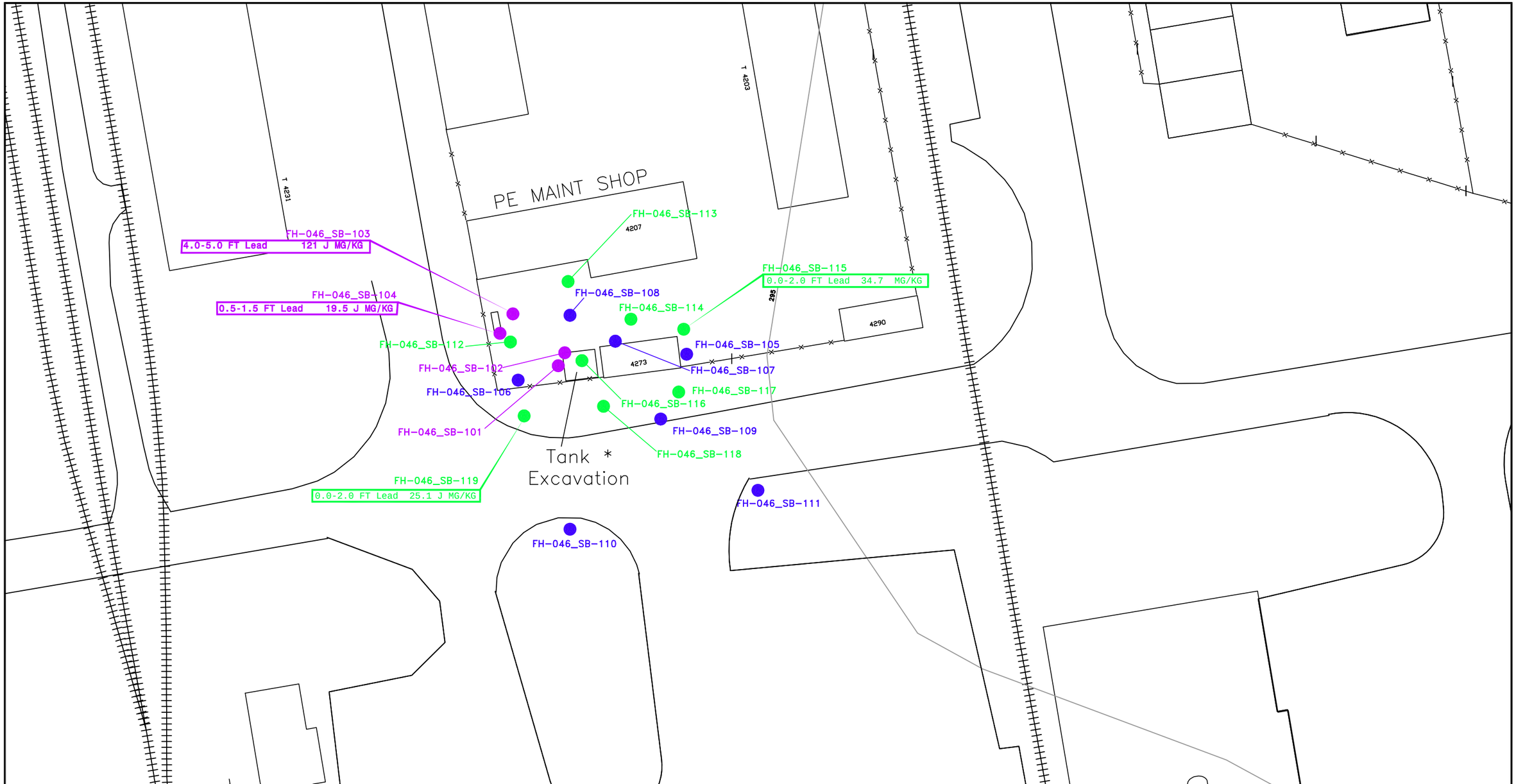


MAIN FT. HOOD LOCATION MAP

N
True North

7.5 0 7.5 15
METERS

LEGEND

BUILDINGS
Arsenic 13.3 MG/KG FEBRUARY 1997 SAMPLING
Arsenic 13.3 MG/KG SEPTEMBER 1997 SAMPLING
Arsenic 13.3 MG/KG OCTOBER 1998 EXTENT OF CONTAMINATION SAMPLING
SOIL BORING

* Screening results for samples collected from tank excavation are included on figure 4.2

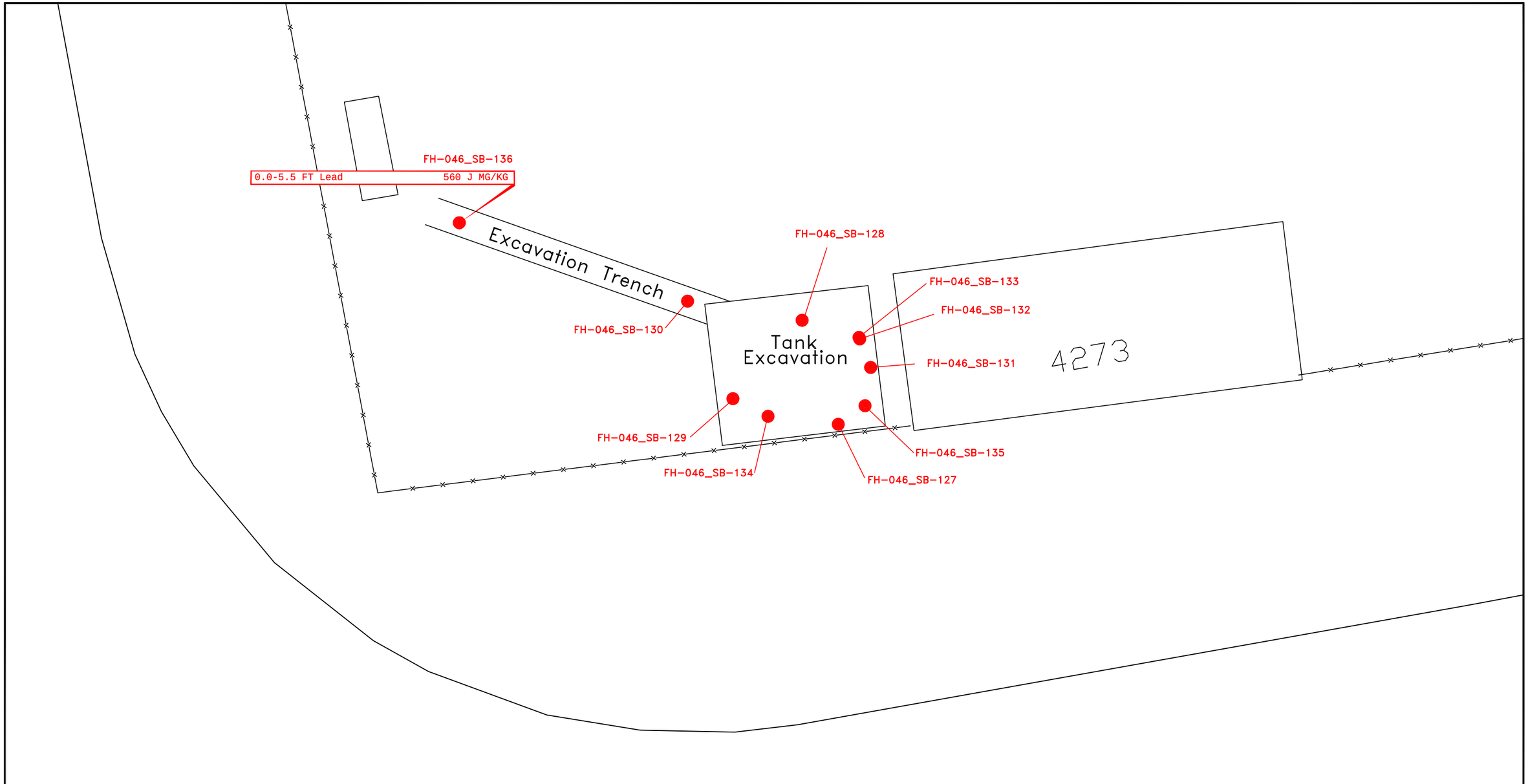
U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

FH-046 Sample Locations and Parameters With Results and UCL95s Above Screening Criteria

SAIC Science Applications International Corporation Columbus, Ohio

SCALE	FIGURE NO.
AS SHOWN	4.1



MAIN FT. HOOD LOCATION MAP

N True North

4 0 4 8
METERS

LEGEND

295 TOPOGRAPHIC CONTOUR (M.)

DRAINAGE

Arsenic 11.4 MG/L JUNE 1998 SAMPLING

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

FH-046 Confirmatory Sample Locations and Parameters With Results and UCL95s Above Screening Criteria

SAIC Science Applications International Corporation Columbus, Ohio

SCALE	FIGURE NO.
AS SHOWN	4.2

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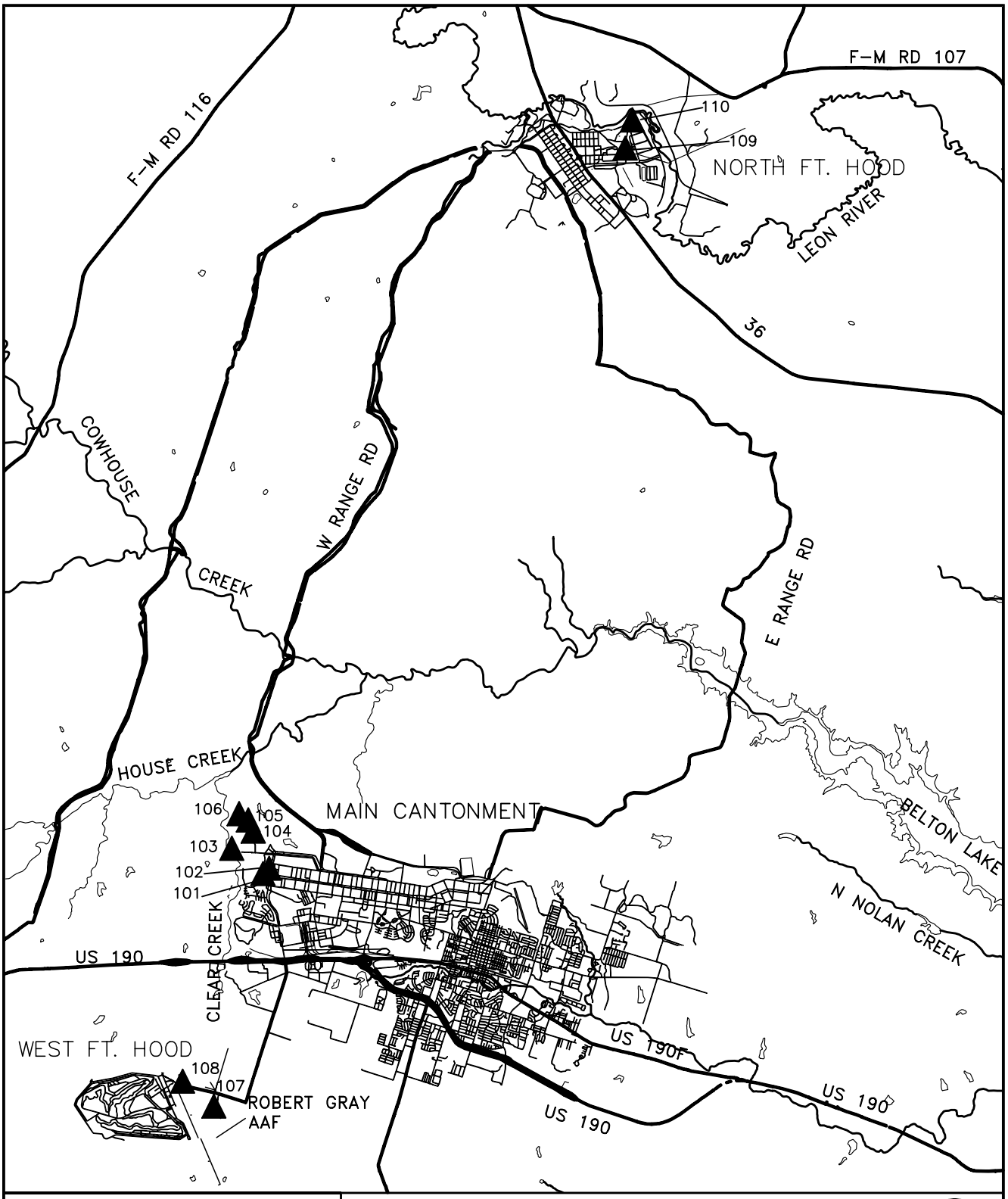

LEGEND

- MAJOR ROADS
- RIVERS/STREAMS
- WATER BODIES
- BACKGROUND SOIL SAMPLE LOCATION

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

LOCATIONS OF
BACKGROUND SOIL SAMPLES

SAIC Science Applications International Corporation Columbus, Ohio

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APPENDIX A

FH-046 Tank Removal Field Report

FIELD REPORT
for
Fort Hood Military Installation
Fort Hood, Texas

COPY

DELIVERY ORDER NO. 0001

Contract Number DACW63-98-D-004

Prepared by:

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UNITED STATES ARMY CORPS OF ENGINEERS
Fort Worth District

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APPENDICES

Appendices		Description	
A.	Documentation and Manifests		
	Appendix A	Tank and Other Material Certificates of Destruction/Recycling	
	Appendix B	Tank Content Manifests	
	Appendix C	Contaminated Soil Manifests	
	Appendix D	Excess Clean Soil	N/A
	Appendix E	Groundwater and Surface Waters	N/A
	Appendix F	Free Product (Excavation Phase-Separated Hydrocarbons (PSH))	N/A
	Appendix G	Tank Residues	N/A
	Appendix H	Tank Tightness Testing Results	
B.	Correspondence		
	Appendix I	TNRCC/LDEQ/NMED	N/A
	Appendix J	USACE	
	Appendix K	Miscellaneous Correspondence	N/A
C.	Field Notes		
	Appendix L	Copies of All Field Notes	
D.	Laboratory Data		
	Appendix M	Chemical Quality Assurance Report	N/A
	Appendix N	Original Laboratory Results with Associated Chains of Custody	
	Appendix O	Soil Compaction Tests	N/A

I. Report Organization

This report is prepared in accordance with Task 14 of the Technical Specifications for Contract Number DACW63-98-D-0004. Due to the multiple locations at which work was conducted under this delivery order, the remaining text of this report has been organized into separate sections for each location.

Facility 4207

Summary

The scope of work for this facility included the removal of one (1) 500-gallon steel solvent tank and associated piping, excavation of contaminated soil, and sampling of excavated materials.

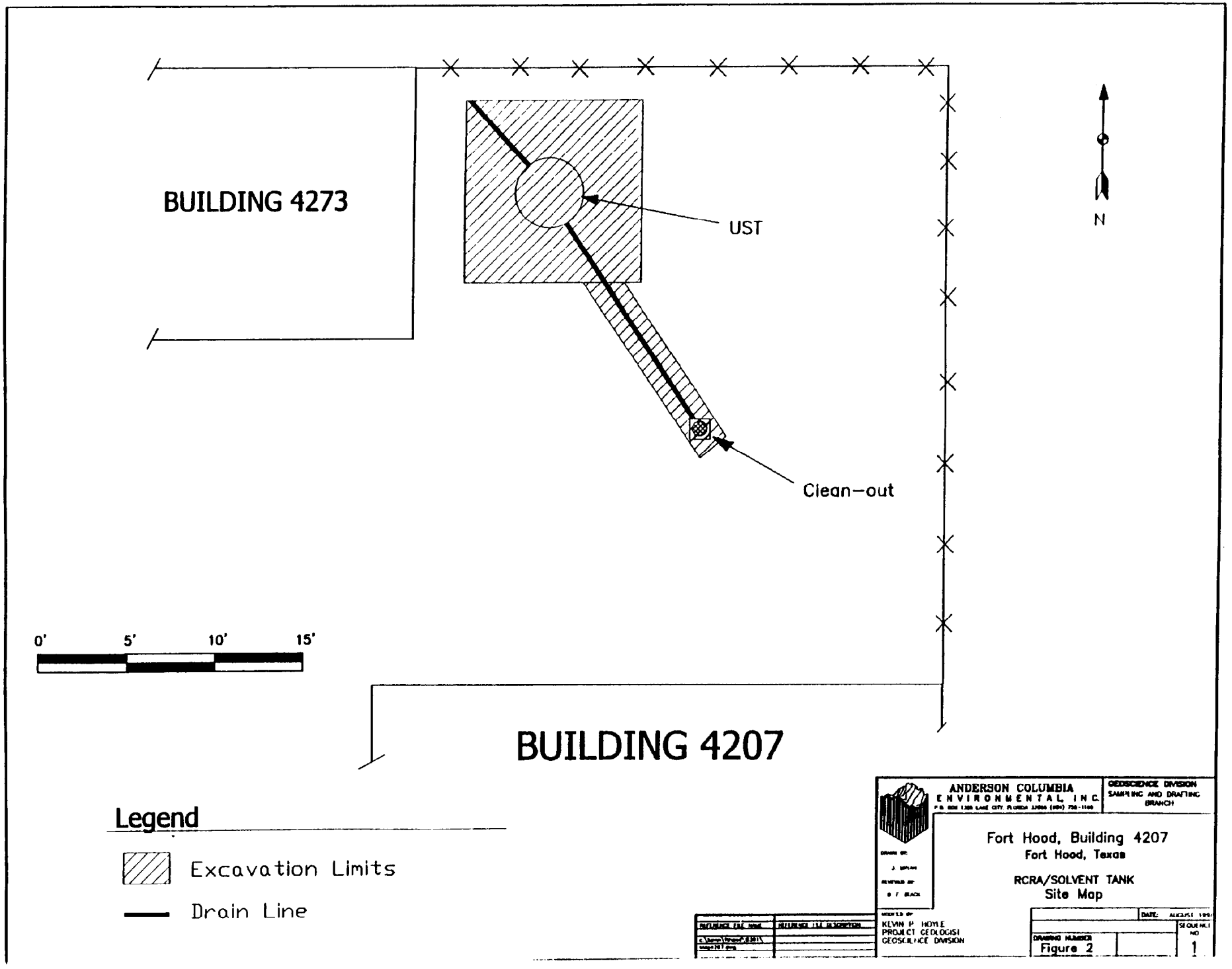
Chronology

April 29, 1998	The tank contents were sampled.
May 22, 1998	Tank contents were removed, and the tank was cleaned in place.
May 25,1998	Asphalt overlying the tank was cut.
May, 28,1998	The tank was removed, and soil samples were collected.
June 1, 1998	Soil was removed from collapsed excavation wall.
June 2, 1998	The tank was cut and cleaned, and piping was removed.

Site Characterization and Field Investigation

Description of Facility

Facility 4207 is located at Site FH-046 which is a solid waste management facility currently undergoing a RCRA Facility Investigation. The tank was located on the western side of the Fort Hood Department of Environmental Health Sign and Paint Shop. Equipment cleaning solvents from the paint shop were discharged through this 500 gallon steel tank to the nearby sanitary sewer. A nearby paint booth also discharged to this tank.


BUILDING 4273
UST
Clean-out
N
0'
5'
10'
15'
BUILDING 4207
Legend
Excavation Limits
Drain Line
ANDERSON COLUMBIA
ENVIRONMENTAL, INC.
GEOSCIENCE DIVISION
SAMPLING AND DRAFTING BRANCH
Fort Hood, Building 4207
Fort Hood, Texas
RCRA/SOLVENT TANK
Site Map
KEVIN P. HOYLE
PROJECT GEOLOGIST
GEOSCIENCE DIVISION
DATE:
SEQUENCE NO
1
DRAWING NUMBER
Figure 2

In-Place Soil Assessment and Remedial Operations

Soil assessment, other than sampling of the excavated material, was performed by another consultant.

Site Excavated Soil Assessment and Disposition

One (1) composite sample, consisting of five (5) aliquots, was collected from the excavated soil. Laboratory data for this sample appears in Table 4 below. Complete laboratory analytical data reports can be found in Appendix N. Approximately 28 tons of contaminated soil was manifested to the Fort Hood Landfill. Non-Hazardous Waste Manifests for this soil can be found in Appendix C.

SOIL ANALYTICAL DATA SUMMARY						
Date Sampled	Lab ID No.	Field ID No.	Matrix	VOC* (mg/Kg)	Metals* (mg/Kg)	SVOC* (mg/Kg)
5/28/98	71878	8301 98S 4207 001	Soil	0.0282 – Acetone 0.00107 – m,p-Xylene	57 – Ba 6.6 – Cr 13 - Pb	0.53 2-Methylnaphthalene 0.39 Naphthalene
**Only those analytes detected are listed. All other values were BDL.						

Table 4 – Soil Analytical Summary – Facility 4207

Site Groundwater/Surface Water Assessment

Groundwater samples were not collected at this facility by ACE.

Free Product (PSH)/Tank Contents Assessment and Disposition

An estimated 375 gallons of liquid and one (1) foot of sludge remained in the tank when cleaning activities were begun. The contents were removed and drummed with the rinsate generated from the tank cleaning. One (1) drum of sludge was also generated.

PRODUCT ANALYTICAL DATA SUMMARY						
Date Sampled	Lab ID No.	Field ID No.	Matrix	BTEX (mg/L)	Total Pb (mg/L)	Flashpoint (°F)
4/29/98	71479	8301 B4207 - Product	Liquid	320	<.15	>160
BDL = Below Detection Limit						

Table 5 – Product Analytical Summary – Facility 4207

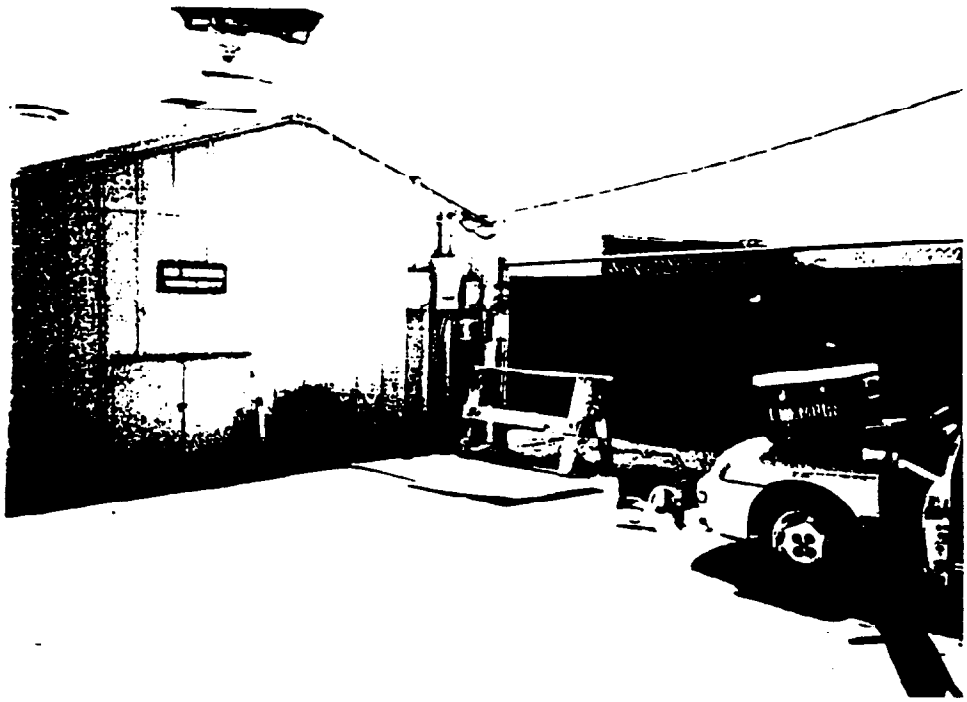
Waste Management and Disposition

22 drums of rinsate and tank contents and one (1) drum of sludge were generated during tank cleaning activities. These drums were taken to ACE's storage yard for temporary storage until disposal was arranged. On July 22, 1998, the rinsate drums, along with drums from other sites included in this delivery order, were transported by Re-Claim Environmental to their reclamation/disposal facility in Shreveport, Louisiana. The drum of sludge was sampled, and, upon receipt of analytical data, was bulked with soil from other sites under this delivery order for disposal at the Fort Hood Landfill.

WASTE ANALYTICAL DATA SUMMARY						
Date Sampled	Lab ID No.	Field ID No.	Matrix	Total Pb (mg/Kg)	Total Hg (mg/Kg)	TCLP Pb (mg/Kg)
6/2/98	71963	8301 98 P 427003	Sludge	850	1.41	BDL
BDL = Below Detection Limit						

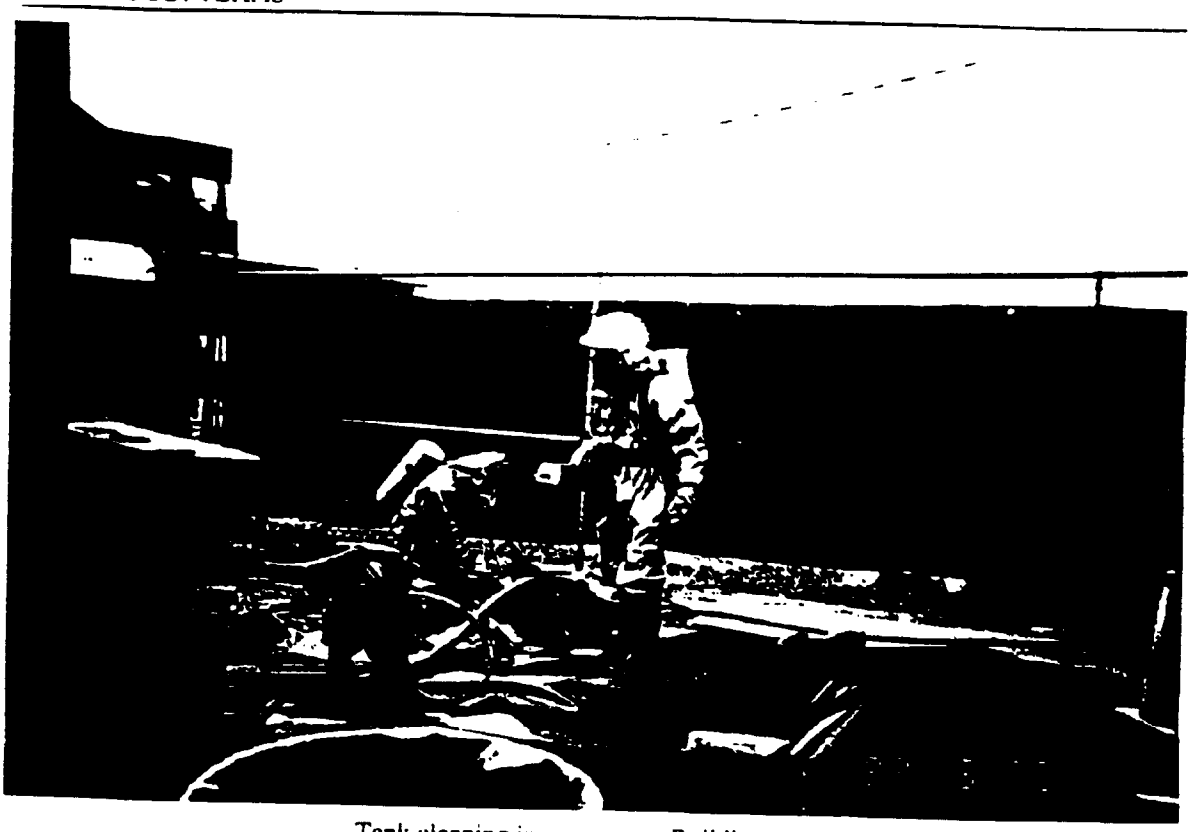
Table 6 – Waste Analytical Summary – Facility 4207

View in manhole at Building 4207.



Tank contents being sampled with peristaltic pump at Building 4207.

Tank cleaning in progress at Building 4207.



Tank cleaning in progress at Building 4207.

Tank rinsate being drummed at Building 4207.

APPENDIX B

FH-046 Soil Boring Logs

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Boring FH046-SB101

(Page 1 of 1)

SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 04/02/97
End Date	: 04/03/97
Northing Coord.	: 3444179.90 m
Easting Coord.	: 615440.76 m UTM 14 North
Total Depth of Boring	: 11.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Earthprobe 200 ATV
Type of Drill Rig	: Direct Push Technology
Geologist	: Jeff DeVaughn
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 1 inch
Sampling Equipment	: Geoprobe 1" Rods

Depth in feet	Surf. Elev. 968.26ft	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	968				Asphalt.	
1	967	CL			Sandy CLAY; damp; moderately plastic; 2.5Y7/4 pale yellow and 2.5Y3/1 very dark gray; all gray clay in lower 0.5'.	Samples 46SB112, duplicate and split sample collected 0.5-2.0' bgs.
2	966	NR			No recovery.	
3	965					
4	964					
5	963	CL			Silty CLAY; firm; highly plastic; 2.5Y3/1 very dark gray.	Sample 46SB113 collected 5.0-6.0' bgs. Water in hole.
6	962	NR			No recovery.	
7	961					
8	960					
9	959					
10	958	CL			Silty CLAY; limestone fragments; firm; moderately plastic; 2.5Y6/3 light yellowish brown.	Sample 46SB114 collected 10.0-11.0' bgs.
11	957				Bottom of Boring @ 11.0' bgs.	
12	956					
13	955					
14	954					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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RCRA Facilities Investigation
Fort Hood, Texas

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Fort Worth District
Fort Worth, Texas

Boring FH046-SB102

(Page 1 of 1)

SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 02/05/97
End Date	: 02/05/97
Northing Coord.	: 3444181.78 m
Easting Coord.	: 615441.49 m UTM 14 North
Total Depth of Boring	: 10.0 feet

Drilling Company	: Terra-Mar
Driller	: Ken Stanford
Designation of Drill	: Mobile Drill B-61
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Mike Woodlee
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. 968.22ft	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	968				Asphalt.	
		CL			CLAY; gravel (25%), fine, rounded; moist; plastic; 2.5Y3/1 very dark gray.	Sample 46SB109 collected 0.33-1.0' bgs.
1	967					
2	966					
3	965				Same as above.	Description from sampling tube.
4	964	CL			CLAY, weathered; gravel (25%), fine, rounded; 2.5Y7/2 light gray.	Sample 46SB110 collected 4.0-5.0' bgs.
5	963					
6	962				Same as above.	
7	961					
8	960					
9	959	CL			Sandy CLAY; 2.5Y5/4 light olive brown, lower 6" stained green.	Sample 46SB111 collected 9.0-10.0' bgs.
10	958				Bottom of Boring @ 10.0' bgs.	
11	957					
12	956					
13	955					
14	954					
15	953					
16	952					
17	951					
18	950					
19	949					
20						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Fort Hood, Texas

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Boring FH046-SB103

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 02/04/97
End Date	: 02/04/97
Northing Coord.	: 3444187.87 m
Easting Coord.	: 615434.21 m UTM 14 North
Total Depth of Boring	: 17.5 feet

Drilling Company	: Terra-Mar
Driller	: Ken Stanford
Designation of Drill	: Mobile Drill B-61
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Mike Woodlee
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. 968.56ft	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	968				Asphalt/Base; formed concrete below base.	No sample
1	967				Paint Chips and Concrete.	
2	966					Descriptions from soil cuttings 1.0-4.0' bgs.
3	965					
4	964	CL			CLAY; gravel (25%), fine, rounded; moist; plastic; 10YR7/3 brownish yellow.	Sample 46SB101 collected 4.0-5.0' bgs.
5	963					
6	962					
7	961				Same as above.	Descriptions from soil cuttings 5.0-9.0' bgs.
8	960					
9	959	CL			CLAY; with limestone, weathered, subangular; dry; hard; 10YR7/3 brownish yellow	Sample 46SB102 collected 9.0-10.0' bgs.
10	958					
11	957				Same as above.	
12	956	LS			LIMESTONE, weathered; 2.5Y8/1 white.	
13	955	CL			CLAY matrix around gravel (30%), limestone, fine, subrounded; dry; very firm; 10YR6/4 light yellowish brown.	Descriptions from CME Sampler 10.0-15.5' bgs
14	954					
15	953					
16	952				Same as above.	Sample 46SB103 collected 15.5-16.5' bgs.
17	951	LS			LIMESTONE; clay (30%); hard; light greenish gray, 2.5Y8/1 white mottled with 2.5Y8/3 pale yellow.	
18	950				Bottom of Boring @ 17.5' bgs.	
19	949					
20						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB104

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 02/04/97
End Date	: 02/04/97
Northing Coord.	: 3444185.13 m
Easting Coord.	: 615431.99 m UTM 14 North
Total Depth of Boring	: 20.5 feet

Drilling Company	: Terra-Mar
Driller	: Ken Stanford
Designation of Drill	: Mobile Drill B-61
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Mike Woodlee
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. 968.88ft	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0					Asphalt/Base.	
1	968	CL			CLAY; plastic; dark brown, 5YR2.5/1 black.	Samples 46SB104, duplicate FHSB210, and split sample FHSB310 collected 0.5-1.5' bgs.
2	967				Same as above.	Descriptionsfrom CME Sampler 1.5-2.5' bgs.
3	966	CL			CLAY (60%); gravel, limestone, fine, subangular; plastic; 2.5Y4/2 dark grayish brown.	
4	965				Same as above.	
5	964	CL			Lime CLAY; slightly moist; plastic; 2.5Y7/1 light gray mottled with 2.5Y6/3 light yellowish brown.	Sample 46SB105 collected 4.0-5.0' bgs.
6	963					
7	962				Same as above.	Description from CME Sampler 5.0-9.0' bgs.
8	961					
9	960	CL			CLAY; sand (15%), subangular, medium; plastic; 2.5Y6/6 olive yellow.	Sample 46SB106 collected 9.0-10.0' bgs.
10	959					
11	958				Same as above.	
12	957	CL			CLAY; around oyster shell fragments (25%), angular; dry; hard; 2.5Y7/6 yellow.	Descriptions from CME Sampler 10.0-14.0' bgs
13	956				Same as above.	
14	955	CL			CLAY; around oyster shell fragments (50%), angular; dry; hard; 2.5Y7/6 yellow.	Sample 46SB107 collected 14.0-15.0' bgs.
15	954					
16	953					
17	952				Same as above.	Descriptions from CME Sampler 15.0-18.5' bgs.
18	951					
19	950	CL			CLAY; plastic; 2.5Y6/2 light brownish gray.	
		CL			CLAY; very stiff; 2.5Y6/4 light yellowish brown.	Sample 46SB108 collected 19.0-19.5' bgs.
20	949	CL			Sandy CLAY; dry; hard; 2.5Y4/1 dark gray.	
					Bottom of Boring @ 20.5' bgs.	
21	948					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB105

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 09/17/97
End Date	: 09/19/97
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 10.3 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Earthprobe 200 ATV
Type of Drill Rig	: Direct Push Technology
Geologist	: A. Brad Richardson
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 1 inch
Sampling Equipment	: Geoprobe 1" Rods

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Asphalt.	
		NR			No recovery. See FH046-SB101, 102, 103, and 104.	
1	-1					
2	-2					
3	-3					Note: During drilling CGI, O2 = 20.8%, LEL = 0%, PID = 0 ppm.
4	-4					
5	-5					
6	-6					
7	-7					
8	-8	CL			Silty CLAY; some sand and gravel, angular to subangular; slightly plastic; firm; moderately plastic; 10YR7/4 very pale brown.	Sample 46SB115 collected 8.0-8.4' bgs.
9	-9	NR			No recovery.	
10	-10	CL			Same as 8.0-8.4' interval.	Sample 46SB116 collected 10.0-10.3' bgs.
					Bottom of Boring @ 10.3' bgs. Limestone (fossiliferous) found in shoe.	
11	-11					
12	-12					
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB106

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 09/19/97
End Date	: 09/19/97
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 10.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Earthprobe 200 ATV
Type of Drill Rig	: Direct Push Technology
Geologist	: A. Brad Richardson
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 1 inch
Sampling Equipment	: Geoprobe 1" Rods

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Asphalt.	
		NR			No recovery. See FH046-SB101, 102, 103, and 104.	
1	-1					
2	-2					
3	-3					Note: During drilling CGI, O2 = 20.8%, LEL = 0%, PID = 0 ppm.
4	-4					
5	-5					
6	-6					
7	-7					
8	-8	CL			Silty CLAY; with sand and gravel, limestone, subangular to angular; slightly moist; 2.5Y7/4 pale yellow mottled with 2.5Y6/6 olive yellow.	
9	-9					Sample 46SB117 collected 8.0-10.0' bgs.
10	-10				Bottom of Boring @ 10.0' bgs. Refusal. Limestone.	
11	-11					
12	-12					
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB107

SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 09/19/97
End Date	: 09/19/97
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 9.2 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Earthprobe 200 ATV
Type of Drill Rig	: Direct Push Technology
Geologist	: A. Brad Richardson
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 1 inch
Sampling Equipment	: Geoprobe 1" Rods

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Asphalt.	
		NR			No recovery. See FH046-SB101, 102, 103, and 104.	
1	-1					
2	-2					
3	-3					Note: During drilling CGI, O2 = 20.8%, LEL = 0%, PID = 0 ppm.
4	-4					
5	-5					
6	-6					
7	-7					
8	-8	CL			Silty CLAY; with sand and gravel, limestone, subangular to angular; slightly moist; 2.5Y7/4 pale yellow mottled with 2.5Y6/6 olive yellow.	Sample 46SB118 collected 8.0-9.2' bgs.
9	-9				Bottom of Boring @ 9.2' bgs. Refusal. Limestone in end of shoe.	
10	-10					
11	-11					
12	-12					
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB108

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 09/20/97
End Date	: 09/20/97
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 10.3 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: A. Brad Richardson
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Asphalt.	
1	-1	CL			Sandy CLAY; with clay; slightly moist; plastic; 2.5Y7/4 pale yellow mottled with 2.5YN3/0 dark gray.	
2	-2					
3	-3	CL			Silty CLAY; with sand and gravel, <.5cm, subangular; moist; moderately plastic; 10YR6/6 brownish yellow.	Note: During drilling CGI, O2 = 20.8%, LEL = 0%, PID = 0 ppm. Highest headspace reading from 46SB119 @ 6.2 ppm. All other headspace readings 0.0 ppm.
4	-4	CL			Silty CLAY; trace sand, coarse; moderately plastic; 10YR2/1 black.	
5	-5					
6	-6					
7	-7					
8	-8	ML			Sandy SILT; some clay and gravel, to .4cm, subrounded; moist; plastic; 10YR6/6 brownish yellow.	
9	-9	ML			Sandy SILT; with clay; dry; slightly plastic; 10YR7/3 very pale brown.	Sample 46SB119 collected 8.0-10.0' bgs.
10	-10					Sample 46SB120 collected 10.0-10.3' bgs.
11	-11				Bottom of Boring @ 10.3' bgs. Refusal.	
12	-12					
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

RCRA Facilities Investigation
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Boring FH046-SB109

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 09/19/97
End Date	: 09/19/97
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 11.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Earthprobe 200 ATV
Type of Drill Rig	: Direct Push Technology
Geologist	: A. Brad Richardson
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 1 inch
Sampling Equipment	: Geoprobe 1" Rods

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Topsoil.	
1	-1	NR			No recovery.	
2	-2					
3	-3	SM			Silty SAND, fine to coarse; with clay and gravel, <30mm, limestone, subrounded to subangular; 2.5Y8/3 pale yellow.	Note: During drilling CGI, O2 = 20.8%, LEL = 0%, PID = Inoperable.
4	-4					
5	-5					
6	-6					
7	-7					
8	-8	ML CL			Sandy SILT and CLAY; some gravel, <15mm, subrounded; slightly moist; moderately plastic; 2.5Y7/6 yellow (mottled).	Sample 46SB121 collected 8.0-9.5' bgs.
9	-9					
10	-10	ML CL			SILT and CLAY; trace sand and gravel, <40mm, subrounded; moist; 2.5Y8/1 white with dark mottling.	
		ML CL			SILT and CLAY; some sand and gravel, <20mm, subrounded; moist; plastic; 2.5Y8/1 white.	Sample 46SB122 collected 10.0-11.0' bgs.
11	-11				Bottom of Boring @ 11.0' bgs. Refusal.	
12	-12					
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 09/20/97
End Date	: 09/20/97
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 11.5 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Earthprobe 200 ATV
Type of Drill Rig	: Direct Push Technology
Geologist	: A. Brad Richardson
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 1 inch
Sampling Equipment	: Geoprobe 1" Rods

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Topsoil.	
1	-1	NR			No recovery.	
2	-2					
3	-3	SM			Silty SAND, fine to coarse; with clay and gravel, <20mm, subangular; dry; loose; 2.5Y8/3 pale yellow. Lithology from cuttings.	Note: During drilling CGI, O2 = 20.8%, LEL = 0%, PID = 0 ppm for headspace, ambient, and downhole readings.
4	-4					
5	-5					
6	-6	CL			Silty CLAY; trace sand, coarse; moist; soft; plastic; 10YR3/2 very dark grayish brown.	
7	-7	SM			Silty SAND; with gravel, <25mm, subangular; trace clay; slightly moist; firm; plastic; 10YR3/2 very dark grayish brown mottled with 10YR7/6 yellow.	
8	-8	CL			Silty CLAY; with sand and gravel, <30mm, subrounded to subangular; moist; moderately firm; non-plastic; 2.5Y8/1 white mottled with 2.5Y5/6 light olive brown.	
9	-9					Sample 46SB123 collected 8.0-10.0' bgs.
10	-10	ML			Clayey SILT; with sand and gravel, limestone, to 40mm, subrounded; moist; firm; slight to moderately plastic; 2.5Y6/6 olive yellow mottled to 2.5Y5/3 light olive brown.	
11	-11					Sample 46SB124 collected 10.0-11.5' bgs.
12	-12				Bottom of Boring @ 11.5' bgs. Refusal.	
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB111

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 09/20/97
End Date	: 09/20/97
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 11.5 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: A. Brad Richardson
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Asphalt.	
1	-1	GP			Limestone Aggregate (pavement base).	
2	-2	CL			Silty CLAY; some sand, coarse; moist; soft; 2.5Y3/2 very dark grayish brown.	
3	-3					Note: During drilling CGI, O2 = 20.8%, LEL = 0%, PID = 0 ppm. Headspace, ambient and downhole readings 0.0 ppm.
4	-4	SM			Silty SAND; with gravel, limestone, <20mm, subangular; slightly moist; firm; slightly plastic; 2.5Y8/2 pale yellow mottled with 2.5Y7/4 pale yellow.	
5	-5	CL			Silty CLAY; with sand, very fine to coarse; moist; soft; plastic; 2.5Y3/1 very dark gray.	
6	-6					
7	-7	SC GC			SAND, coarse and GRAVEL, limestone, subangular, <40mm; in clay matrix; moist.	Sample 46SB125 collected 6.0-8.0' bgs.
8	-8					
9	-9	ML			Clayey SILT; trace sand, very fine to fine; slightly moist; moderately firm; plastic; 2.5Y6/4 yellowish brown.	
10	-10	SM			Silty SAND; some gravel, subangular, <20mm, limestone; moist; firm; slightly plastic; 2.5Y7/2 light gray.	
11	-11					Sample 46SB126 collected 10.0-11.5' bgs.
		LS			LIMESTONE, weathered.	
12	-12				Bottom of Boring @ 11.5' bgs. Refusal.	
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB112

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 10/28/98
End Date	: 10/28/98
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 11.75 feet

Drilling Company	: SAIC
Driller	: John Haselhoff
Designation of Drill	: Geoprobe 5400
Type of Drill Rig	: Direct Push Technology
Geologist	: Paul Parrish
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 2 inches
Sampling Equipment	: 2" Core Barrel 4' Long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Asphalt.	
					GRAVEL and CLAY.	
1	-1	CL			CLAY; trace gravel, to 10mm, subrounded; trace medium to coarse sand; dry; stiff; slightly plastic; 10YR3/1 very dark gray.	Sample 46SB137 collected 0.0-2.0' bgs.
2	-2	CL			CLAY; some silt; trace fine sand; dry; medium stiff; medium plastic; 2.5Y6/4 light yellowish brown.	
3	-3					Sample 46SB138 collected 2.0-4.0' bgs.
4	-4	CL			CLAY; trace silt; trace medium sand; dry; soft; plastic; 2.5Y2.5/1 black.	
5	-5					Sample 46SB139 collected 4.0-6.0' bgs.
6	-6					
7	-7	CL			CLAY; some medium sand; dry; medium stiff; medium plastic; 2.5Y4/4 olive brown.	Sample 46SB140 collected 6.0-8.0' bgs.
8	-8	CL			CLAY; trace medium to coarse sand; trace gravel, to 10mm, angular to subangular; dry; soft to medium stiff; medium plastic to plastic; 2.5Y6/4 light yellowish brown and 2.5Y6/6 olive yellow.	
9	-9					Sample 46SB141 collected 8.0-10.0' bgs.
10	-10					
11	-11					Sample 46SB142 collected 10.0-11.75' bgs.
12	-12				Bottom of Boring @ 11.75' bgs. Refusal.	Refusal at 11.75' bgs.
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 10/28/98
End Date	: 10/28/98
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 11.7 feet

Drilling Company	: SAIC
Driller	: John Haselhoff
Designation of Drill	: Geoprobe 5400
Type of Drill Rig	: Direct Push Technology
Geologist	: Paul Parrish
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 2 inches
Sampling Equipment	: 2" Core Barrel 4' Long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Asphalt.	
		GC			GRAVEL, rounded to subrounded; trace clay; dry; loose; non-plastic; 2.5Y6/2 light brownish gray.	
1	-1	CL			CLAY; some fine to medium sand; trace gravel, to 10mm, angular; trace silt; dry; soft; non-plastic; 2.5Y6/8 olive yellow.	Sample 46SB143 collected 0.0-2.0' bgs. Rinsate equipment used.
2	-2	NR			No recovery.	
3	-3					No sample recovery.
4	-4	CL			CLAY; trace silt; trace medium sand; dry; medium stiff; plastic; 2.5Y2.5/1 black.	
5	-5	CL			CLAY; 2.5Y4/4 olive brown.	Sample 46SB144 collected 4.0-6.0' bgs.
6	-6					
7	-7	CL			CLAY; trace medium to coarse sand; trace gravel, to 10mm, angular to subrounded; dry; medium stiff; medium plastic; 2.5Y6/4 light yellowish brown and 2.5Y6/6 olive yellow.	Sample 46SB145 collected 6.0-8.0' bgs.
8	-8					
9	-9					Sample 46SB146 collected 8.0-10.0' bgs.
10	-10				Same as above; except clay only.	
11	-11				Same as 7-10' interval above.	Sample 46SB147 collected 10.0-11.7' bgs.
12	-12				Bottom of Boring @ 11.7' bgs. Refusal.	Refusal at 11.7' bgs.
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 10/28/98
End Date	: 10/28/98
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 10.0 feet

Drilling Company	: SAIC
Driller	: John Haselhoff
Designation of Drill	: Geoprobe 5400
Type of Drill Rig	: Direct Push Technology
Geologist	: Paul Parrish
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 2 inches
Sampling Equipment	: 2" Core Barrel 4' Long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Asphalt.	
		GP			GRAVEL; 2.5Y6/2 light brownish gray. Fill below asphalt.	
1	-1	CL			CLAY and GRAVEL; some medium sand; dry; dense; non-plastic; 10YR5/8 yellowish brown.	Sample 46SB148 collected 0.0-2.0' bgs.
2	-2	CL			CLAY; trace medium to coarse sand; trace silt; dry; stiff; plastic; 10YR2/1 black.	
3	-3					No sample collected 0-2' because of lack of recovery.
4	-4					
5	-5					Sample 46SB149collected 4.0-6.0' bgs.
6	-6	CL			CLAY; 2.5Y4/4 olive brown.	
7	-7					Sample 46SB150 collected 6.0-8.0' bgs.
8	-8	CL			CLAY; trace medium to coarse sand; trace gravel, to 10mm, angular to subrounded; dry; medium stiff; medium plastic; 2.5Y6/4 light yellowish brown and 2.5Y6/6 olive yellow.	
9	-9				Same as above; except clay only 9-9.5' interval.	Sample 46SB151 collected 8.0-10.0' bgs.
					Same as 8-9' interval above 9.5-10' interval.	
10	-10				Bottom of Boring @ 10.0' bgs. Refusal.	Refusal at 10.0' bgs.
11	-11					
12	-12					
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB115

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 10/28/98
End Date	: 10/28/98
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 9.25 feet

Drilling Company	: SAIC
Driller	: John Haselhoff
Designation of Drill	: Geoprobe 5400
Type of Drill Rig	: Direct Push Technology
Geologist	: Paul Parrish
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 2 inches
Sampling Equipment	: 2" Core Barrel 4' Long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0					
		GP			Asphalt.	
1	-1	CL			GRAVEL to 15mm, subangular; some fine to medium sand; trace clay; dry; loose; non-plastic; 7.5YR2.5/1 black.	Sample 46SB152 collected 0.0-2.0' bgs.
					CLAY; some medium to coarse sand; dry; stiff; slightly plastic; 10YR6/6 brownish yellow.	
2	-2	CL			CLAY; trace silt; trace fine to medium sand; dry; medium stiff; non-plastic; crumbly; 2.5Y5/4 light olive brown.	
3	-3	CL			CLAY; trace fine sand; dry to moist; soft; plastic; 2.5Y3/1 very dark gray.	Sample 46SB153 collected 2.0-4.0' bgs.
4	-4	CL			CLAY; trace fine sand; trace gravel, to 15mm, subrounded; dry; stiff; medium plastic; 2.5Y3/2 very dark grayish brown.	
5	-5					Sample 46SB154 collected 4.0-6.0' bgs. Rinsate equipment used.
6	-6	CL			CLAY; trace fine sand; trace gravel to 10mm; dry to moist; stiff; slightly plastic; 2.5Y6/4 light yellowish brown and 2.5Y6/8 olive yellow.	
7	-7					Sample 46SB155 collected 6.0-8.0' bgs.
8	-8					Sample 46SB156 collected 8.0-9.2' bgs.
9	-9	CL			CLAY; some silt; some fine sand; 2.5Y6/4 light yellowish brown and 2.5Y6/8 olive yellow.	Refusal at 9.25' bgs.
					Bottom of Boring @ 9.25' bgs. Refusal.	
10	-10					
11	-11					
12	-12					
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB116

SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 10/28/98
End Date	: 10/28/98
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 10.25 feet

Drilling Company	: SAIC
Driller	: John Haselhoff
Designation of Drill	: Geoprobe 5400
Type of Drill Rig	: Direct Push Technology
Geologist	: Paul Parrish
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 2 inches
Sampling Equipment	: 2" Core Barrel 4' Long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	CL			Backfill Material in pit from tank removal. CLAY; some very fine to coarse sand; some gravel to 35mm; dry to moist; soft; slightly plastic.	
1	-1					
2	-2					
3	-3					
4	-4					
5	-5					
6	-6					
7	-7					
8	-8	CL			CLAY; trace fine to medium sand; dry; soft; non-plastic; 2.5Y6/4 light yellowish brown and 2.5Y6/8 olive yellow.	
9	-9					Sample 46SB157 collected 8.0-10.25' bgs.
10	-10				Bottom of Boring @ 10.25' bgs. Refusal.	Refusal at 10.25' bgs.
11	-11					
12	-12					
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 10/29/98
End Date	: 10/29/98
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 11.0 feet

Drilling Company	: SAIC
Driller	: John Haselhoff
Designation of Drill	: Geoprobe 5400
Type of Drill Rig	: Direct Push Technology
Geologist	: Paul Parrish
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 2 inches
Sampling Equipment	: 2" Core Barrel 4' Long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	ML			SILT; some fine sand; roots; dry; loose; slightly plastic; 2.5Y3/3 dark olive brown.	
		CL			CLAY; some silt; some medium sand; trace gravel to 30mm, angular; dry; soft; non-plastic; 2.5Y6/4 light yellowish brown.	Sample 46SB158 collected 0.0-2.0' bgs.
1	-1	CL			CLAY; some medium sand; dry; soft; plastic; 2.5Y3/2 very dark grayish brown.	
2	-2	ML			SILT; trace clay; trace gravel to 20mm; dry; loose; non-plastic; 2.5Y6/4 light yellowish brown.	Sample 46SB159 collected 2.0-4.0' bgs.
3	-3					
4	-4	CL			CLAY; trace silt; trace fine to medium sand; trace gravel to 15mm, angular; dry; soft; non-plastic; crumbly; 2.5Y6/4 light yellowish brown and 2.5Y6/8 olive yellow.	Sample 46SB160 collected 4.0-6.0' bgs.
5	-5					
6	-6	CL			CLAY; trace silt; trace fine sand; dry; hard; slightly plastic; 2.5Y2.5/1 black.	
7	-7	CL			CLAY; trace fine to medium sand; dry; soft; plastic; crumbly; 2.5Y6/4 light yellowish brown and 2.5Y6/8 olive yellow.	Sample 46SB161 collected 6.0-8.0' bgs.
8	-8					
9	-9	CL			CLAY; trace fine sand; dry to moist; stiff; plastic; 2.5Y6/4 light yellowish brown, 2.5Y6/8 olive yellow and 2.5Y8/1 white.	Sample 46SB162 collected 8.0-10.0' bgs.
10	-10					Sample 46SB163 collected 10.0-11.0' bgs.
11	-11				Bottom of Boring @ 11.0' bgs. Refusal.	Refusal at 11.0' bgs.
12	-12					
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FH046-SB118

SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 10/29/98
End Date	: 10/29/98
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 11.7 feet

Drilling Company	: SAIC
Driller	: John Haselhoff
Designation of Drill	: Geoprobe 5400
Type of Drill Rig	: Direct Push Technology
Geologist	: Paul Parrish
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 2 inches
Sampling Equipment	: 2" Core Barrel 4' Long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	ML			SILT; some fine sand; roots; dry; loose; slightly plastic; 2.5Y3/3 dark olive brown.	
1	-1	CL			CLAY; some silt; some medium sand; trace gravel to 20mm, angular; dry; soft; non-plastic; 2.5Y6/4 light yellowish brown.	Samples 46SB164 and split sample collected 0.0-2.0' bgs.
2	-2	CL			CLAY; some medium sand; dry; soft; plastic; 2.5Y3/2 very dark grayish brown.	
3	-3	ML			SILT; trace clay; trace gravel to 20mm; dry; loose; non-plastic; 2.5Y6/4 light yellowish brown.	Sample 46SB165 collected 2.0-4.0' bgs.
4	-4					
5	-5					Sample 46SB166 collected 4.0-6.0' bgs.
6	-6	CL			CLAY; trace silt; trace fine sand; dry; hard; slightly plastic; crumbly; 2.5Y2.5/1 black.	
7	-7					Sample 46SB167 collected 6.0-8.0' bgs.
8	-8	CL			CLAY; trace silt; trace fine to medium sand; dry; soft; non-plastic; crumbly; 2.5Y6/4 light yellowish brown and 2.5Y6/8 olive yellow.	
9	-9					Sample 46SB168 collected 8.0-10.0' bgs.
10	-10					
11	-11	CL			CLAY; trace fine sand; trace silt; dry; very stiff; slightly plastic; 5Y8/1 white, 5Y5/2 olive gray, and 5Y6/8 olive yellow.	Sample 46SB169 collected 10.0-11.7' bgs. Refusal at 11.7' bgs.
12	-12				Bottom of Boring @ 11.7' bgs. Refusal.	
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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SWMU FH046	: Waste Paint Thinner Tank
Start Date	: 10/29/98
End Date	: 10/29/98
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 12.0 feet

Drilling Company	: SAIC
Driller	: John Haselhoff
Designation of Drill	: Geoprobe 5400
Type of Drill Rig	: Direct Push Technology
Geologist	: Paul Parrish
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 2 inches
Sampling Equipment	: 2" Core Barrel 4' Long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	ML			SILT; some fine sand; roots; dry; loose; slightly plastic; 2.5Y3/3 dark olive brown.	
1	-1	CL			CLAY; some silt; some medium sand; dry; medium stiff; non-plastic; 2.5Y6/4 light yellowish brown.	Samples 46SB170 and split sample collected 0.0-2.0' bgs.
2	-2	CL			CLAY; some medium sand; dry; stiff; slightly plastic; 2.5Y3/2 very dark grayish brown.	
3	-3					Sample 46SB171 collected 2.0-4.0' bgs.
4	-4	ML			SILT; trace clay; trace fine to medium sand; dry; medium dense; non-plastic; crumbly; 2.5Y6/4 light yellowish brown.	
5	-5					Sample 46SB172 collected 4.0-6.0' bgs.
6	-6	CL			CLAY; trace silt; trace fine sand; dry; very stiff; slightly plastic; 2.5Y2.5/1 black.	
7	-7					Sample 46SB173 collected 6.0-8.0' bgs.
8	-8	CL			CLAY; trace silt; trace fine to medium sand; dry; soft; non-plastic; crumbly; 2.5Y6/4 light yellowish brown and 2.5Y6/8 olive yellow.	
9	-9					Sample 46SB174 collected 8.0-10.0' bgs.
10	-10					
11	-11					Sample 46SB175 collected 10.0-12.0' bgs.
12	-12				Bottom of Boring @ 12.0' bgs. Refusal.	Refusal at 12.0' bgs.
13	-13					
14	-14					
15						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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APPENDIX C

FH-046 Analytical Results

• Laboratory Qualifiers

INORGANIC LABORATORY QUALIFIER FLAGS	
U	The analyte was analyzed for but not detected.
B	The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
E	The reported value is estimated because of the presence of interference.
M	Duplicate injection precision not met.
N	Spike sample recovery not within control limits.
S	The reported value was determined by the Method of Standard Additions (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
*	Duplicate analysis not within control limits.
+	Correlation coefficient for the MSA is less than 0.995.

ORGANIC LABORATORY QUALIFIER FLAGS	
U	Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10 U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor the sample quantitation limit for phenol (330 U) would be corrected to: $\frac{(330U)}{D} \times df$ where $D = \frac{100 - \%moisture}{100}$ And df = dilution factor at 24% moisture $D = \frac{100-24}{100} = 0.76$ $\frac{(330U)}{.76} \times 10 = 4300$ U rounded to the appropriate number of significant figures
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero. For example, if the sample quantitation limit is 10 ug/L but a concentration of 3 ug/L is calculated, report it as 3J. The sample quantitation limit must be adjusted for both dilution and percent moisture as discussed for the U flag, so that if a sample with 24% moisture and a 1 to 10 dilution factor has a calculated concentration of 300 ug/Kg and a sample quantitation limit of 430 ug/Kg, report the concentration as 300J.
N	Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported and flagged with a " P".
C	This flag applies to pesticide results where the identification has been confirmed GC/MS. Single component pesticides greater than or equal to 10 ng/ul in the final extract shall be confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank as well in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified TCL compound.

ORGANIC LABORATORY QUALIFIER FLAGS	
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than full scale the sample or extract must be diluted and reanalyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on separate Forms I.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is reanalyzed at a higher dilution factor, as in the "E" flag above all concentration values reported on that Form I are flagged with the "D" flag.
A	This flag indicates that a TIC is a suspected aldol-condensation product
X	Over specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such descriptions attached to the Sample Data Summary Package and the Case Narrative. If more than one is required use "Y" and "Z", as needed. If more than five qualifiers are required for a sample result use the "X" flag to combine several flags, as needed. For instance the "X" flag might combine the "A", "B", and "D" flags for some sample.

** Data Qualifiers

DATA VALIDATION QUALIFIER FLAGS	
U	The analyte was analyzed for but not detected.
J	The reported value is estimated because or the presence of interference.
R	The reported value is rejected.

Location: SB101
Sample ID: 46SB112 **Depth:** 0.5-2.0
COE Sample ID: FH046-SB112/04-02-97/0.5-2.0
Date Collected: 4/2/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	6.5	0.40			mg/kg	SW846 6010
Barium	7440-39-3	102	0.08			mg/kg	SW846 6010
Cadmium	7440-43-9	0.15	0.06	B		mg/kg	SW846 6010
Chromium	7440-47-3	17	0.09			mg/kg	SW846 6010
Lead	7439-92-1	9.1	0.23	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.4	1.4	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.22	0.22	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	420	420	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	420	420	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	420	420	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	420	420	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	420	420	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	420	420	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2000	2000	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	420	420	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	420	420	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	420	420	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2000	2000	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	420	420	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	420	420	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	420	420	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	420	420	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	420	420	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	420	420	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2000	2000	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	420	420	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	850	850	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2000	2000	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2000	2000	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	420	420	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	420	420	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	420	420	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	420	420	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	420	420	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2000	2000	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	2000	2000	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	420	420	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	420	420	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	420	420	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	420	420	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	420	420	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	420	420	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	420	420	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	420	420	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	2000	2000	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	420	420	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	420	420	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	420	420	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	420	420	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	420	420	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	420	420	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	420	420	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	420	420	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	420	420	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	420	420	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	420	420	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	420	420	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	420	420	U	U	ug/kg	SW846 8270

Location: SB101
Sample ID: 46SB112 **Depth:** 0.5-2.0
COE Sample ID: FH046-SB112/04-02-97/0.5-2.0
Date Collected: 4/2/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	420	420	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	420	420	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	420	420	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	420	420	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	420	420	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	420	420	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	420	420	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	420	420	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	420	420	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	420	420	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	420	420	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2000	2000	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	420	420	U	U	ug/kg	SW846 8270
Phenol	108-95-2	420	420	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	420	420	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	420	420	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 826
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 826
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	9	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 82
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 826
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260

Location: SB101
Sample ID: 46SB112 **Depth:** 0.5-2.0
COE Sample ID: FH046-SB112/04-02-97/0.5-2.0
Date Collected: 4/2/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	4	6	J	J	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB101
Sample ID: 46SB113 **Depth:** 5.0-6.0
COE Sample ID: FH046-SB113/04-03-97/5.0-6.0
Date Collected: 4/3/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	9.9	0.45			mg/kg	SW846 6010
Barium	7440-39-3	188	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.11	0.07	B		mg/kg	SW846 6010
Chromium	7440-47-3	24	0.10			mg/kg	SW846 6010
Lead	7439-92-1	16.1	0.26	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.05	0.05	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	0.32	0.32	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.25	0.25	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	480	480	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	480	480	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	480	480	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	480	480	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	480	480	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	480	480	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2300	2300	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	480	480	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	480	480	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	480	480	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2300	2300	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	480	480	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	480	480	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	480	480	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	480	480	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	480	480	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	480	480	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2300	2300	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	480	480	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	960	960	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2300	2300	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2300	2300	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	480	480	U	U	ug/kg	SW846 8270

Location: SB101
Sample ID: 46SB113 **Depth:** 5.0-6.0
COE Sample ID: FH046-SB113/04-03-97/5.0-6.0
Date Collected: 4/3/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-chloro-3-methylphenol	59-50-7	480	480	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	480	480	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	480	480	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	480	480	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2300	2300	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	2300	2300	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	480	480	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	480	480	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	480	480	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	480	480	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	480	480	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	480	480	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	480	480	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	480	480	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	2300	2300	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	480	480	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	480	480	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	480	480	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	480	480	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	480	480	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	480	480	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	480	480	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	480	480	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	480	480	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	480	480	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	480	480	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	480	480	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	480	480	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	480	480	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	480	480	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	480	480	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	480	480	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	480	480	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	480	480	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	480	480	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	480	480	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	480	480	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	480	480	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	480	480	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2300	2300	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	480	480	U	U	ug/kg	SW846 8270
Phenol	108-95-2	480	480	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	480	480	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	480	480	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	7	7	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	7	7	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	7	7	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	7	7	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	7	7	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	7	7	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	7	7	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	7	7	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	7	7	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	7	7	U	U	ug/kg	SW846 826
1,2-Dichloroethane	107-06-2	7	7	U	U	ug/kg	SW846 8260

Location: SB101
Sample ID: 46SB113 **Depth:** 5.0-6.0
COE Sample ID: FH046-SB113/04-03-97/5.0-6.0
Date Collected: 4/3/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloropropane	78-87-5	7	7	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	7	7	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	7	7	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	7	7	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	7	7	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	7	7	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	7	7	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	7	7	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	7	7	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	7	7	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	7	7	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	7	7	U	U	ug/kg	SW846 8260
Acetone	67-64-1	13	7		U	ug/kg	SW846 8260
Benzene	71-43-2	7	7	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	7	7	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	7	7	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	7	7	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	7	7	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	7	7	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	7	7	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	7	7	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	7	7	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	7	7	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	7	7	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	7	7	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	7	7	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	7	7	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	7	7	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	7	7	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	7	7	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	7	7	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	3	7	J	J	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	7	7	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	7	7	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	7	7	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	7	7	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	7	7	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	7	7	U	U	ug/kg	SW846 8260
Styrene	100-42-5	7	7	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	7	7	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	7	7	U	U	ug/kg	SW846 8260
Toluene	108-88-3	7	7	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	14	7			ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	7	7	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	7	7	U	U	ug/kg	SW846 8260

Location: SB101
Sample ID: 46SB114 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB114/04-03-97/10.0-11.0
Date Collected: 4/3/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.5	0.35			mg/kg	SW846 6010
Barium	7440-39-3	20.8	0.07			mg/kg	SW846 6010
Cadmium	7440-43-9	0.06	0.06	B		mg/kg	SW846 6010
Chromium	7440-47-3	7.8	0.08			mg/kg	SW846 6010
Lead	7439-92-1	1.8	0.20	N*	J	mg/kg	SW846 6010

Location: SB101
Sample ID: 46SB114 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB114/04-03-97/10.0-11.0
Date Collected: 4/3/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.19	0.19	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	370	370	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	370	370	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	370	370	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	370	370	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	370	370	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	370	370	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	370	370	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	370	370	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	370	370	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	370	370	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	370	370	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	370	370	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	370	370	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	370	370	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	740	740	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	370	370	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	370	370	U	U	ug/kg	SW846 827
4-Chloroaniline	106-47-8	370	370	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	370	370	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	370	370	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	370	370	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	370	370	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	370	370	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	370	370	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	370	370	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	370	370	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	370	370	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	370	370	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	370	370	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	330	370	J	J	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	370	370	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	370	370	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	370	370	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	370	370	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	370	370	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	370	370	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	370	370	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	370	370	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	370	370	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	370	370	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	370	370	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	370	370	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	370	370	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	370	370	U	U	ug/kg	SW846 827
Indeno(1,2,3-cd)pyrene	193-39-5	370	370	U	U	ug/kg	SW846 8270

Location: SB101
Sample ID: 46SB114 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB114/04-03-97/10.0-11.0
Date Collected: 4/3/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Isophorone	78-59-1	370	370	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	370	370	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	370	370	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	370	370	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	370	370	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	370	370	U	U	ug/kg	SW846 8270
Phenol	108-95-2	370	370	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	370	370	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	370	370	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	17	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	3	6	J	J	ug/kg	SW846 8260

Location: SB101
Sample ID: 46SB114 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB114/04-03-97/10.0-11.0
Date Collected: 4/3/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Naphthalene	91-20-3	23	6			ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	4	6	J	J	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	11	6			ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	4	6	J	J	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB102
Sample ID: 46SB109 **Depth:** 0.5-1.5
COE Sample ID: FH046-SB109/02-05-97/0.5-1.5
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.8	0.35			mg/kg	SW846 6010
Barium	7440-39-3	14.9	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.19	0.04	BN	J	mg/kg	SW846 6010
Chromium	7440-47-3	2.8	0.09	E	J	mg/kg	SW846 6010
Lead	7439-92-1	5.9	0.15	N	J	mg/kg	SW846 601(
Mercury	7439-97-6	0.04	0.04	UN	UJ	mg/kg	SW846 7470
Selenium	7782-49-2	1.5	1.5	UN	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.2	0.20	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	350	350	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	350	350	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	350	350	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	350	350	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	350	350	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	350	350	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	350	350	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	350	350	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	350	350	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	350	350	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	350	350	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	350	350	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	350	350	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	350	350	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	710	710	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	350	350	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	350	350	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	350	350	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	350	350	U	U	ug/kg	SW846 827(
4-Methylphenol	106-44-5	350	350	U	U	ug/kg	SW846 827
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270

Location: SB102
Sample ID: 46SB109 **Depth:** 0.5-1.5
COE Sample ID: FH046-SB109/02-05-97/0.5-1.5
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	350	350	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	350	350	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	350	350	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	350	350	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	350	350	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	350	350	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	350	350	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	350	350	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	350	350	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	350	350	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	350	350	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	350	350	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	350	350	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	350	350	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	350	350	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	350	350	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	350	350	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	350	350	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	350	350	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	350	350	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	350	350	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	350	350	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	350	350	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	350	350	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	350	350	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	350	350	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	350	350	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	350	350	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	350	350	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	350	350	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	350	350	U	U	ug/kg	SW846 8270
Phenol	108-95-2	350	350	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	43	350	J	J	ug/kg	SW846 8270
Pyridine	110-86-1	350	350	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260

Location: SB102
Sample ID: 46SB109 **Depth:** 0.5-1.5
COE Sample ID: FH046-SB109/02-05-97/0.5-1.5
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	5	5	U	U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	15	5			ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: SB102
Sample ID: 46SB110 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB110/02-05-97/4.0-5.0
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.8	0.39			mg/kg	SW846 6010
Barium	7440-39-3	44.2	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.15	0.05	BN	J	mg/kg	SW846 6010
Chromium	7440-47-3	5.3	0.09	E	J	mg/kg	SW846 6010
Lead	7439-92-1	3.5	0.17	N	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	UN	UJ	mg/kg	SW846 7470
Selenium	7782-49-2	0.33	0.33	UWN	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.22	0.22	U	U	mg/kg	SW846 6010

Location: SB102
Sample ID: 46SB110 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB110/02-05-97/4.0-5.0
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	390	390	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	390	390	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	390	390	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	390	390	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	390	390	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	390	390	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	390	390	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	390	390	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	390	390	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	390	390	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	390	390	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	1200	390			ug/kg	SW846 8270
2-Methylphenol	95-48-7	390	390	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	390	390	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	780	780	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	390	390	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	390	390	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	390	390	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	390	390	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	390	390	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	390	390	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	390	390	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	390	390	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	390	390	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	390	390	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	390	390	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	390	390	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	390	390	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	390	390	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	390	390	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	390	390	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	390	390	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	390	390	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	390	390	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	390	390	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	390	390	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	390	390	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	390	390	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	390	390	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	390	390	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	390	390	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	390	390	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	390	390	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	390	390	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	390	390	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	390	390	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	390	390	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	390	390	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	390	390	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	390	390	U	U	ug/kg	SW846 8270

Location: SB102
Sample ID: 46SB110 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB110/02-05-97/4.0-5.0
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	390	390	U	U	ug/kg	SW846 8270
Phenol	108-95-2	390	390	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	390	390	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	390	390	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 826
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 826
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	34	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	16	6			ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	50	6			ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 826
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 826
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260

Location: SB102
Sample ID: 46SB110 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB110/02-05-97/4.0-5.0
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB102
Sample ID: 46SB111 **Depth:** 9.0-10.0
COE Sample ID: FH046-SB111/02-05-97/9.0-10.0
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.5	0.38			mg/kg	SW846 6010
Barium	7440-39-3	10.5	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.1	0.05	BN	J	mg/kg	SW846 6010
Chromium	7440-47-3	3.3	0.09	E	J	mg/kg	SW846 6010
Lead	7439-92-1	2.4	0.16	N	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	UN	UJ	mg/kg	SW846 7470
Selenium	7782-49-2	1.6	1.6	UWN	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.22	0.22	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	750	750	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	380	380	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	380	380	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U	U	ug/kg	SW846 8270

Location: SB102
Sample ID: 46SB111 **Depth:** 9.0-10.0
COE Sample ID: FH046-SB111/02-05-97/9.0-10.0
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(b)fluoranthene	205-99-2	380	380	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	380	380	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	380	380	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	380	380	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	380	380	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	380	380	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	380	380	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 827
Phenanthrene	85-01-8	380	380	U	U	ug/kg	SW846 827
Phenol	108-95-2	380	380	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 82
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 826

Location: SB102
Sample ID: 46SB111 **Depth:** 9.0-10.0
COE Sample ID: FH046-SB111/02-05-97/9.0-10.0
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	38	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	8	6			ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB102
Sample ID: FHGW119 **Depth:** NA
COE Sample ID: FH046-GW119/02-07-97
Date Collected: 2/7/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/l	SW846 8260

Location: SB102
Sample ID: FHGW119 **Depth:** NA
COE Sample ID: FH046-GW119/02-07-97
Date Collected: 2/7/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/l	SW846 8260
Acetone	67-64-1	23	5	B	U	ug/l	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/l	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/l	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/l	SW846 826(
Isopropyl Benzene	98-82-8	5	5	U	U	ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/l	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/l	SW846 8260
Naphthalene	91-20-3	8	5			ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/l	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/l	SW846 8260
ert-Butylbenzene	98-06-6	5	5	U	U	ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/l	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/l	SW846 8260

Location: SB103
Sample ID: 46SB101 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB101/02-04-97/4.0-5.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.8	0.38			mg/kg	SW846 6010
Barium	7440-39-3	73.7	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.23	0.05	B		mg/kg	SW846 601
Chromium	7440-47-3	17.7	0.09			mg/kg	SW846 601
Lead	7439-92-1	121	0.16	E	J	mg/kg	SW846 6010

Location: SB103
Sample ID: 46SB101 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB101/02-04-97/4.0-5.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Mercury	7439-97-6	0.17	0.04			mg/kg	SW846 7470
Selenium	7782-49-2	1.6	1.6	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.22	0.22	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	770	770	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	380	380	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	380	380	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	380	380	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	380	380	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	380	380	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	380	380	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	380	380	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	380	380	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U	U	ug/kg	SW846 8270

Location: SB103
Sample ID: 46SB101 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB101/02-04-97/4.0-5.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Isophorone	78-59-1	380	380	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	380	380	U	U	ug/kg	SW846 8270
Phenol	108-95-2	380	380	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	4	6	J	J	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2;4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	10	6			ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	11	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	3	6	J	J	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260

Location: SB103
Sample ID: 46SB101 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB101/02-04-97/4.0-5.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Naphthalene	91-20-3	8	6			ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB103
Sample ID: 46SB102 **Depth:** 9.0-10.0
COE Sample ID: FH046-SB102/02-04-97/9.0-10.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.5	0.37			mg/kg	SW846 6010
Barium	7440-39-3	19.8	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.05	0.04	B		mg/kg	SW846 6010
Chromium	7440-47-3	6.3	0.09			mg/kg	SW846 6010
Lead	7439-92-1	3.8	0.16	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	0.31	0.31	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.21	0.21	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	370	370	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	370	370	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	370	370	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	370	370	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	370	370	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	370	370	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	370	370	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	370	370	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	370	370	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	370	370	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	370	370	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	370	370	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	370	370	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	370	370	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	740	740	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	370	370	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	370	370	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	370	370	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	370	370	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	370	370	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270

Location: SB103
Sample ID: 46SB102 **Depth:** 9.0-10.0
COE Sample ID: FH046-SB102/02-04-97/9.0-10.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acenaphthene	83-32-9	370	370	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	370	370	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	370	370	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	370	370	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	370	370	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	370	370	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	370	370	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	370	370	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	370	370	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	370	370	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	370	370	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	370	370	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	370	370	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	370	370	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	370	370	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	370	370	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	370	370	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	370	370	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	370	370	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	370	370	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	370	370	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	370	370	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	370	370	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	370	370	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	370	370	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	370	370	U	U	ug/kg	SW846 827(
N-Nitroso-di-n-propylamine	621-64-7	370	370	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	370	370	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	370	370	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	370	370	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	370	370	U	U	ug/kg	SW846 8270
Phenol	108-95-2	370	370	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	370	370	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	370	370	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 826
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260

Location: SB103
Sample ID: 46SB102 **Depth:** 9.0-10.0
COE Sample ID: FH046-SB102/02-04-97/9.0-10.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	2	6	J	J	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	8	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	3	6	J	J	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB103
Sample ID: 46SB103 **Depth:** 15.5-16.5
COE Sample ID: FH046-SB103/02-04-97/15.5-16.5
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.2	0.36			mg/kg	SW846 6010
Barium	7440-39-3	9.6	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.07	0.04	B		mg/kg	SW846 6010
Chromium	7440-47-3	7.1	0.09			mg/kg	SW846 6010
Lead	7439-92-1	3.5	0.15	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	0.31	0.31	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.21	0.21	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U	U	ug/kg	SW846 8270

Location: SB103
Sample ID: 46SB103 **Depth:** 15.5-16.5
COE Sample ID: FH046-SB103/02-04-97/15.5-16.5
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2,4-Trichlorobenzene	120-82-1	360	360	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	720	720	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U	U	ug/kg	SW846 827
Acenaphthylene	208-96-8	360	360	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	360	360	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	360	360	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	360	360	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	42	360	J	J	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	360	360	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U	U	ug/kg	SW846 827
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 827
Phenanthrene	85-01-8	360	360	U	U	ug/kg	SW846 8270

Location: SB103
Sample ID: 46SB103 **Depth:** 15.5-16.5
COE Sample ID: FH046-SB103/02-04-97/15.5-16.5
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Phenol	108-95-2	360	360	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	3	5	J	J	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	5		U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260

Location: SB103
Sample ID: 46SB103 **Depth:** 15.5-16.5
COE Sample ID: FH046-SB103/02-04-97/15.5-16.5
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: SB104
Sample ID: 46SB104 **Depth:** 0.5-1.5
COE Sample ID: FH046-SB104/02-04-97/0.5-1.5
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	6.8	0.45			mg/kg	SW846 6010
Barium	7440-39-3	172	0.11			mg/kg	SW846 6010
Cadmium	7440-43-9	0.28	0.05	B		mg/kg	SW846 6010
Chromium	7440-47-3	19.1	0.11			mg/kg	SW846 6010
Lead	7439-92-1	19.5	0.19	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.05	0.05	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.9	1.9	UE	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.26	0.26	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	450	450	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	450	450	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	450	450	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	450	450	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	450	450	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	450	450	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2200	2200	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	450	450	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	450	450	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	450	450	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2200	2200	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	450	450	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	450	450	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	450	450	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	450	450	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	450	450	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	450	450	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2200	2200	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	450	450	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	900	900	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2200	2200	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2200	2200	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	450	450	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	450	450	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	450	450	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	450	450	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	450	450	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2200	2200	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	2200	2200	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	450	450	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	450	450	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	450	450	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	450	450	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	450	450	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	450	450	U	U	ug/kg	SW846 8270

Location: SB104
Sample ID: 46SB104 **Depth:** 0.5-1.5
COE Sample ID: FH046-SB104/02-04-97/0.5-1.5
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(g,h,i)perylene	191-24-2	450	450	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	450	450	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	2200	2200	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	450	450	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	450	450	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	450	450	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	86	450	J	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	450	450	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	450	450	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	450	450	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	450	450	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	450	450	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	450	450	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	450	450	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	450	450	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	450	450	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	450	450	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	450	450	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	450	450	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	450	450	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	450	450	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	450	450	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	450	450	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	450	450	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	450	450	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	450	450	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	450	450	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2200	2200	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	450	450	U	U	ug/kg	SW846 8270
Phenol	108-95-2	450	450	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	450	450	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	450	450	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	7	7	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	7	7	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	7	7	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	7	7	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	7	7	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	7	7	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	7	7	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	7	7	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	7	7	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	7	7	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	7	7	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	7	7	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	7	7	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	7	7	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	7	7	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	7	7	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	7	7	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	7	7	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	11	7			ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	7	7	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	7	7	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	7	7	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	7	7	U	U	ug/kg	SW846 8260

Location: SB104
Sample ID: 46SB104 **Depth:** 0.5-1.5
COE Sample ID: FH046-SB104/02-04-97/0.5-1.5
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acetone	67-64-1	69	7		U	ug/kg	SW846 8260
Benzene	71-43-2	7	7	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	7	7	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	7	7	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	7	7	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	7	7	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	7	7	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	7	7	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	7	7	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	7	7	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	7	7	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	7	7	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	7	7	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	7	7	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	7	7	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	7	7	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	7	7	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	7	7	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	7	7	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	4	7	J	J	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	7	7	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	7	7	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	7	7	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	7	7	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	7	7	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	7	7	U	U	ug/kg	SW846 8260
Styrene	100-42-5	7	7	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	7	7	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	7	7	U	U	ug/kg	SW846 826
Toluene	108-88-3	7	7	U	U	ug/kg	SW846 826
Trichloroethene	79-01-6	7	7	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	7	7	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	7	7	U	U	ug/kg	SW846 8260

Location: SB104
Sample ID: 46SB105 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB105/02-04-97/4.0-5.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.4	0.39			mg/kg	SW846 6010
Barium	7440-39-3	76	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.15	0.05	B		mg/kg	SW846 6010
Chromium	7440-47-3	6.3	0.09			mg/kg	SW846 6010
Lead	7439-92-1	3.6	0.16	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	0.33	0.33	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.22	0.22	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U	U	ug/kg	SW846 827
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U	U	ug/kg	SW846 827
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270

Location: SB104
Sample ID: 46SB105 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB105/02-04-97/4.0-5.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,4,6-Trichlorophenol	88-06-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	770	770	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	380	380	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	380	380	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	380	380	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	380	380	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	380	380	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	380	380	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	380	380	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	380	380	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	380	380	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	380	380	U	U	ug/kg	SW846 8270
Phenol	108-95-2	380	380	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U	U	ug/kg	SW846 8270

Location: SB104
Sample ID: 46SB105 **Depth:** 4.0-5.0
COE Sample ID: FH046-SB105/02-04-97/4.0-5.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	53	6			ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 826
Acetone	67-64-1	11	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	4	6	J	J	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 826
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 826

Location: SB104
Sample ID: 46SB106 **Depth:** 9.0-10.0
COE Sample ID: FH046-SB106/02-04-97/9.0-10.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.6	0.36			mg/kg	SW846 6010
Barium	7440-39-3	10.9	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.09	0.04	B		mg/kg	SW846 6010
Chromium	7440-47-3	4.9	0.09			mg/kg	SW846 6010
Lead	7439-92-1	3.1	0.15	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.5	1.5	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.21	0.21	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	360	360	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	730	720	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	360	360	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	360	360	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	360	360	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U	U	ug/kg	SW846 8270

Location: SB104
Sample ID: 46SB106 **Depth:** 9.0-10.0
COE Sample ID: FH046-SB106/02-04-97/9.0-10.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	360	360	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	360	360	U	U	ug/kg	SW846 8270
Phenol	108-95-2	360	360	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 826
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 826
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	9	5			ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	14	5		U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 826
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 82
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 826

Location: SB104
Sample ID: 46SB106 **Depth:** 9.0-10.0
COE Sample ID: FH046-SB106/02-04-97/9.0-10.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: SB104
Sample ID: 46SB107 **Depth:** 14.0-15.0
COE Sample ID: FH046-SB107/02-04-97/14.0-15.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2	0.36			mg/kg	SW846 6010
Barium	7440-39-3	12.5	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.05	0.04	B		mg/kg	SW846 6010
Chromium	7440-47-3	8.1	0.09			mg/kg	SW846 6010
Lead	7439-92-1	2.8	0.15	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.5	1.5	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.21	0.21	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	360	360	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	720	720	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U	U	ug/kg	SW846 8270

Location: SB104
Sample ID: 46SB107 **Depth:** 14.0-15.0
COE Sample ID: FH046-SB107/02-04-97/14.0-15.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-chloro-3-methylphenol	59-50-7	360	360	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	360	360	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	360	360	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	360	360	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U	U	ug/kg	SW846 827
Fluorene	86-73-7	360	360	U	U	ug/kg	SW846 82
Hexachlorobenzene	118-74-1	360	360	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	360	360	U	U	ug/kg	SW846 8270
Phenol	108-95-2	360	360	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 82
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 82
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260

Location: SB104
Sample ID: 46SB107 **Depth:** 14.0-15.0
COE Sample ID: FH046-SB107/02-04-97/14.0-15.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	38	5		U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	3	5	J	J	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: SB104
Sample ID: 46SB108 **Depth:** 19.0-20.0
COE Sample ID: FH046-SB108/02-04-97/19.0-20.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	7.9	0.37			mg/kg	SW846 6010
Barium	7440-39-3	19	0.09			mg/kg	SW846 6010
Cadmium	7440-43-9	0.08	0.04	B		mg/kg	SW846 6010
Chromium	7440-47-3	13.7	0.09			mg/kg	SW846 6010
Lead	7439-92-1	5	0.16	E	J	mg/kg	SW846 6010

Location: SB104
Sample ID: 46SB108 **Depth:** 19.0-20.0
COE Sample ID: FH046-SB108/02-04-97/19.0-20.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.6	1.6	UW	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.21	0.21	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	370	370	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	370	370	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	370	370	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	370	370	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	370	370	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	370	370	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	370	370	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	370	370	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	370	370	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	370	370	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	370	370	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	370	370	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	370	370	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	370	370	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	730	730	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	370	370	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	370	370	U	U	ug/kg	SW846 82[illegible]
4-Chloroaniline	106-47-8	370	370	U	U	ug/kg	SW846 827[illegible]
4-Chlorophenyl-phenylether	7005-72-3	370	370	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	370	370	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	370	370	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	370	370	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	370	370	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	370	370	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	370	370	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	370	370	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	370	370	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	370	370	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	370	370	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	370	370	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	370	370	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	370	370	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	370	370	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	370	370	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	370	370	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	370	370	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	370	370	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	370	370	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	370	370	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	370	370	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	370	370	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	370	370	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	370	370	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	370	370	U	U	ug/kg	SW846 82[illegible]
Indeno(1,2,3-cd)pyrene	193-39-5	370	370	U	U	ug/kg	SW846 82[illegible]

Location: SB104
Sample ID: 46SB108 **Depth:** 19.0-20.0
COE Sample ID: FH046-SB108/02-04-97/19.0-20.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Isophorone	78-59-1	370	370	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	370	370	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	370	370	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	370	370	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	370	370	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	370	370	U	U	ug/kg	SW846 8270
Phenol	108-95-2	370	370	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	370	370	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	370	370	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	12	6			ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	6	U	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	3	6	J	J	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260

Location: SB104
Sample ID: 46SB108 **Depth:** 19.0-20.0
COE Sample ID: FH046-SB108/02-04-97/19.0-20.0
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB104
Sample ID: FHGW120 **Depth:** NA
COE Sample ID: FH046-GW120/02-07-97
Date Collected: 2/7/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.5	2.5	U	U	ug/l	SW846 6010
Barium	7440-39-3	103	0.30			ug/l	SW846 6010
Cadmium	7440-43-9	0.5	0.50	U	U	ug/l	SW846 6010
Chromium	7440-47-3	0.8	0.80	U	U	ug/l	SW846 6010
Lead	7439-92-1	2.1	1.7	B		ug/l	SW846 60[illegible]
Mercury	7439-97-6	0.1	0.10	U	U	ug/l	SW846 7[illegible]
Selenium	7782-49-2	2	2.0	UW	UJ	ug/l	SW846 7740
Silver	7440-22-4	1.2	1.2	U	U	ug/l	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	10	10	U	U	ug/l	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	10	10	U	U	ug/l	SW846 8270
1,2-Dichlorobenzene	95-50-1	10	10	U	U	ug/l	SW846 8270
1,3-Dichlorobenzene	541-73-1	10	10	U	U	ug/l	SW846 8270
1,4-Dichlorobenzene	106-46-7	10	10	U	U	ug/l	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	10	10	U	U	ug/l	SW846 8270
2,4,5-Trichlorophenol	95-95-4	50	50	U	U	ug/l	SW846 8270
2,4,6-Trichlorophenol	88-06-2	10	10	U	U	ug/l	SW846 8270
2,4-Dichlorophenol	120-83-2	10	10	U	U	ug/l	SW846 8270
2,4-Dimethylphenol	105-67-9	10	10	U	U	ug/l	SW846 8270
2,4-Dinitrophenol	51-28-5	50	50	U	U	ug/l	SW846 8270
2,4-Dinitrotoluene	121-14-2	10	10	U	U	ug/l	SW846 8270
2,6-Dinitrotoluene	606-20-2	10	10	U	U	ug/l	SW846 8270
2-Chloronaphthalene	91-58-7	10	10	U	U	ug/l	SW846 8270
2-Chlorophenol	95-57-8	10	10	U	U	ug/l	SW846 8270
2-Methylnaphthalene	91-57-6	10	10	U	U	ug/l	SW846 8270
2-Methylphenol	95-48-7	10	10	U	U	ug/l	SW846 8270
2-Nitroaniline	88-74-4	50	50	U	U	ug/l	SW846 8270
2-Nitrophenol	88-75-5	10	10	U	U	ug/l	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	20	20	U	U	ug/l	SW846 8270
3-Nitroaniline	99-09-2	50	50	U	U	ug/l	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	50	50	U	U	ug/l	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	10	10	U	U	ug/l	SW846 8270
4-chloro-3-methylphenol	59-50-7	10	10	U	U	ug/l	SW846 8270
4-Chloroaniline	106-47-8	10	10	U	U	ug/l	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	10	10	U	U	ug/l	SW846 8270
4-Methylphenol	106-44-5	10	10	U	U	ug/l	SW846 82[illegible]
4-Nitroaniline	100-01-6	50	50	U	U	ug/l	SW846 82[illegible]
4-Nitrophenol	100-02-7	50	50	U	U	ug/l	SW846 8270

Location: SB104
Sample ID: FHGW120 **Depth:** NA
COE Sample ID: FH046-GW120/02-07-97
Date Collected: 2/7/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acenaphthene	83-32-9	10	10	U	U	ug/l	SW846 8270
Acenaphthylene	208-96-8	10	10	U	U	ug/l	SW846 8270
Anthracene	120-12-7	10	10	U	U	ug/l	SW846 8270
Benzo(a)anthracene	56-55-3	10	10	U	U	ug/l	SW846 8270
Benzo(a)pyrene	50-32-8	10	10	U	U	ug/l	SW846 8270
Benzo(b)fluoranthene	205-99-2	10	10	U	U	ug/l	SW846 8270
Benzo(g,h,i)perylene	191-24-2	10	10	U	U	ug/l	SW846 8270
Benzo(k)fluoranthene	207-08-9	10	10	U	U	ug/l	SW846 8270
Benzoic Acid	65-85-0	50	50	U	U	ug/l	SW846 8270
Benzyl Alcohol	100-51-6	10	10	U	U	ug/l	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	10	10	U	U	ug/l	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	10	10	U	U	ug/l	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	4	10	J	J	ug/l	SW846 8270
Butyl Benzyl Phthalate	85-68-7	10	10	U	U	ug/l	SW846 8270
Chrysene	218-01-9	10	10	U	U	ug/l	SW846 8270
Di-n-butyl Phthalate	84-74-2	10	10	U	U	ug/l	SW846 8270
Di-n-octyl Phthalate	117-84-0	10	10	U	U	ug/l	SW846 8270
Dibenz(a,h)anthracene	53-70-3	10	10	U	U	ug/l	SW846 8270
Dibenzofuran	132-64-9	10	10	U	U	ug/l	SW846 8270
Diethyl Phthalate	84-66-2	10	10	U	U	ug/l	SW846 8270
Dimethyl Phthalate	131-11-3	10	10	U	U	ug/l	SW846 8270
Fluoranthene	206-44-0	10	10	U	U	ug/l	SW846 8270
Fluorene	86-73-7	10	10	U	U	ug/l	SW846 8270
Hexachlorobenzene	118-74-1	10	10	U	U	ug/l	SW846 8270
Hexachlorobutadiene	87-68-3	10	10	U	U	ug/l	SW846 8270
Hexachlorocyclopentadiene	77-47-4	10	10	U	U	ug/l	SW846 8270
Hexachloroethane	67-72-1	10	10	U	U	ug/l	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	10	10	U	U	ug/l	SW846 8270
Isophorone	78-59-1	10	10	U	U	ug/l	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	10	10	U	U	ug/l	SW846 8270
N-Nitrosodiphenylamine	86-30-6	10	10	U	U	ug/l	SW846 8270
Naphthalene	91-20-3	10	10	U	U	ug/l	SW846 8270
Nitrobenzene	98-95-3	10	10	U	U	ug/l	SW846 8270
Pentachlorophenol	87-86-5	50	50	U	U	ug/l	SW846 8270
Phenanthrene	85-01-8	10	10	U	U	ug/l	SW846 8270
Phenol	108-95-2	10	10	U	U	ug/l	SW846 8270
Pyrene	129-00-0	10	10	U	U	ug/l	SW846 8270
Pyridine	110-86-1	50	50	U	U	ug/l	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/l	SW846 8260

Location: SB104
Sample ID: FHGW120 **Depth:** NA
COE Sample ID: FH046-GW120/02-07-97
Date Collected: 2/7/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/l	SW846 8260
Acetone	67-64-1	5	5	B	U	ug/l	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/l	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/l	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/l	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/l	SW846 826[illegible]
Naphthalene	91-20-3	5	5	U	U	ug/l	SW846 82[illegible]
o-Xylene	95-47-6	5	5	U	U	ug/l	SW846 826[illegible]
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/l	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/l	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/l	SW846 8260

Location: SB105
Sample ID: 46SB115 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB115/09-18-97/8.0-10.0
Date Collected: 9/18/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	6.4	0.34			mg/kg	SW846 6010
Barium	7440-39-3	41.9	0.066			mg/kg	SW846 6010
Cadmium	7440-43-9	0.34	0.055	B		mg/kg	SW846 6010
Chromium	7440-47-3	7.3	0.077	E	E	mg/kg	SW846 6010
Lead	7439-92-1	4.5	0.2			mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.19	0.19	U	U	mg/kg	SW846 601[illegible]

Location: SB105
Sample ID: 46SB115 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB115/09-18-97/8.0-10.0
Date Collected: 9/18/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	350	350	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	350	350	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	350	350	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	350	350	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	350	350	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	350	350	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	350	350	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	350	350	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	350	350	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	350	350	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	350	350	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	350	350	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	350	350	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	350	350	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	710	710	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	350	350	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	350	350	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	350	350	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	350	350	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	350	350	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	350	350	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	350	350	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	350	350	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	350	350	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	350	350	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	350	350	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	350	350	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	350	350	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	130	1700	JB	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	350	350	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	140	350	J	J	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	350	350	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	350	350	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	350	350	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	350	350	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	350	350	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	350	350	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	350	350	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	350	350	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	350	350	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	350	350	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	350	350	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	350	350	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	350	350	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	350	350	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	350	350	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	350	350	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	350	350	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	350	350	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	350	350	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	350	350	U	U	ug/kg	SW846 8270

Location: SB105
Sample ID: 46SB115 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB115/09-18-97/8.0-10.0
Date Collected: 9/18/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	350	350	U	U	ug/kg	SW846 8270
Phenol	108-95-2	350	350	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	350	350	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	350	350	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 826
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 82
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	21	6	B	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	30	6	B	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6			ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 826
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 82
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 826

Location: SB105
Sample ID: 46SB115 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB115/09-18-97/8.0-10.0
Date Collected: 9/18/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB105
Sample ID: 46SB116 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB116/09-19-97/10.0-12.0
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.1	0.34			mg/kg	SW846 6010
Barium	7440-39-3	15.3	0.066			mg/kg	SW846 6010
Cadmium	7440-43-9	0.05	0.05	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	3.3	0.077			mg/kg	SW846 6010
Lead	7439-92-1	1.9	0.2	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.19	0.19	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	360	360	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	720	720	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U	U	ug/kg	SW846 8270

Location: SB105
Sample ID: 46SB116 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB116/09-19-97/10.0-12.0
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(b)fluoranthene	205-99-2	360	360	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	360	360	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	160	360	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	360	360	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 82
Phenanthrene	85-01-8	360	360	U	U	ug/kg	SW846 82
Phenol	108-95-2	360	360	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 82
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 82

Location: SB105
Sample ID: 46SB116 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB116/09-19-97/10.0-12.0
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	6	U	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	6	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB106
Sample ID: 46SB117 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB117/09-19-97/8.0-10.0
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.9	0.34			mg/kg	SW846 6010
Barium	7440-39-3	28.4	0.065			mg/kg	SW846 6010
Cadmium	7440-43-9	0.06	0.05	B		mg/kg	SW846 6010
Chromium	7440-47-3	6.3	0.076			mg/kg	SW846 6010
Lead	7439-92-1	1.1	0.2	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	U	U	mg/kg	SW846 6010
Silver	7440-22-4	0.19	0.19	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	360	360	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U	U	ug/kg	SW846 8270

Location: SB106
Sample ID: 46SB117 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB117/09-19-97/8.0-10.0
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	720	720	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U	U	ug/kg	SW846 827
Benzo(b)fluoranthene	205-99-2	360	360	U	U	ug/kg	SW846 827
Benzo(g,h,i)perylene	191-24-2	360	360	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	47	360	JB	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	160	360	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	360	360	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	360	360	U	U	ug/kg	SW846 8270
Phenol	108-95-2	360	360	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U	U	ug/kg	SW846 82[illegible]
Pyridine	110-86-1	360	360	U	U	ug/kg	SW846 82[illegible]

Location: SB106
Sample ID: 46SB117 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB117/09-19-97/8.0-10.0
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	5	5	U	U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	5	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: SB107
Sample ID: 46SB118 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB118/09-19-97/8.0-10.0
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	340	340	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	340	340	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	340	340	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	340	340	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	340	340	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	340	340	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1600	1600	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	340	340	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	340	340	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	340	340	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1600	1600	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	340	340	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	340	340	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	340	340	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	340	340	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	340	340	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	340	340	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1600	1600	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	340	340	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	680	680	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1600	1600	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1600	1600	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	340	340	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	340	340	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	340	340	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	340	340	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	340	340	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1600	1600	U	U	ug/kg	SW846 827
4-Nitrophenol	100-02-7	1600	1600	U	U	ug/kg	SW846 827
Acenaphthene	83-32-9	340	340	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	340	340	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	340	340	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	340	340	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	340	340	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	340	340	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	340	340	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	340	340	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1600	1600	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	340	340	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	340	340	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	340	340	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	340	340	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	340	340	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	340	340	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	150	340	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	340	340	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	340	340	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	340	340	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	340	340	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	340	340	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	340	340	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	340	340	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	340	340	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	340	340	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	340	340	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	340	340	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	340	340	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	340	340	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	340	340	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	340	340	U	U	ug/kg	SW846 827
Naphthalene	91-20-3	340	340	U	U	ug/kg	SW846 82
Nitrobenzene	98-95-3	340	340	U	U	ug/kg	SW846 8270

Location: SB107
Sample ID: 46SB118 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB118/09-19-97/8.0-10.0
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Pentachlorophenol	87-86-5	1600	1600	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	340	340	U	U	ug/kg	SW846 8270
Phenol	108-95-2	340	340	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	340	340	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	340	340	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	5	5	U	U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	4	5	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260

Location: SB107
Sample ID: 46SB118 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB118/09-19-97/8.0-10.0
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: SB107
Sample ID: ER104 **Depth:** NA
COE Sample ID: FH046-ER104/10-30-98
Date Collected: 10/30/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.0	5.0	U		ug/l	SW846 6010
Barium	7440-39-3	1.0	1.0	U		ug/l	SW846 6010
Cadmium	7440-43-9	1.0	1.0	U		ug/l	SW846 6010
Chromium	7440-47-3	1.0	1.0	U		ug/l	SW846 6010
Lead	7439-92-1	2.0	2.0	U		ug/l	SW846 6010
Mercury	7439-97-6	0.10	0.10	U		ug/l	SW846 6010
Selenium	7782-49-2	2.0	2.0	UW		ug/l	SW846 6010
Silver	7440-22-4	3.0	3.0	U		ug/l	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	10	10	U		ug/l	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	10	10	U		ug/l	SW846 8270
1,2-Dichlorobenzene	95-50-1	10	10	U		ug/l	SW846 8270
1,3-Dichlorobenzene	541-73-1	10	10	U		ug/l	SW846 8270
1,4-Dichlorobenzene	106-46-7	10	10	U		ug/l	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	10	10	U		ug/l	SW846 8270
2,4,5-Trichlorophenol	95-95-4	50	50	U		ug/l	SW846 8270
2,4,6-Trichlorophenol	88-06-2	10	10	U		ug/l	SW846 8270
2,4-Dichlorophenol	120-83-2	10	10	U		ug/l	SW846 8270
2,4-Dimethylphenol	105-67-9	10	10	U		ug/l	SW846 8270
2,4-Dinitrophenol	51-28-5	50	50	U		ug/l	SW846 8270
2,4-Dinitrotoluene	121-14-2	10	10	U		ug/l	SW846 8270
2,6-Dinitrotoluene	606-20-2	10	10	U		ug/l	SW846 8270
2-Chloronaphthalene	91-58-7	10	10	U		ug/l	SW846 8270
2-Chlorophenol	95-57-8	10	10	U		ug/l	SW846 8270
2-Methylnaphthalene	91-57-6	10	10	U		ug/l	SW846 8270
2-Methylphenol	95-48-7	10	10	U		ug/l	SW846 8270
2-Nitroaniline	88-74-4	50	50	U		ug/l	SW846 8270
2-Nitrophenol	88-75-5	10	10	U		ug/l	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	20	20	U		ug/l	SW846 8270
3-Nitroaniline	99-09-2	50	50	U		ug/l	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	50	50	U		ug/l	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	10	10	U		ug/l	SW846 8270
4-chloro-3-methylphenol	59-50-7	10	10	U		ug/l	SW846 8270
4-Chloroaniline	106-47-8	10	10	U		ug/l	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	10	10	U		ug/l	SW846 8270
4-Methylphenol	106-44-5	10	10	U		ug/l	SW846 8270
4-Nitroaniline	100-01-6	50	50	U		ug/l	SW846 8270
4-Nitrophenol	100-02-7	50	50	U		ug/l	SW846 8270
Acenaphthene	83-32-9	10	10	U		ug/l	SW846 8270
Acenaphthylene	208-96-8	10	10	U		ug/l	SW846 8270
Anthracene	120-12-7	10	10	U		ug/l	SW846 8270
Benzo(a)anthracene	56-55-3	10	10	U		ug/l	SW846 8270
Benzo(a)pyrene	50-32-8	10	10	U		ug/l	SW846 8270

Location: SB107
Sample ID: ER104 **Depth:** NA
COE Sample ID: FH046-ER104/10-30-98
Date Collected: 10/30/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(b)fluoranthene	205-99-2	10	10	U		ug/l	SW846 8270
Benzo(g,h,i)perylene	191-24-2	10	10	U		ug/l	SW846 8270
Benzo(k)fluoranthene	207-08-9	10	10	U		ug/l	SW846 8270
Benzoic Acid	65-85-0	7	50	J		ug/l	SW846 8270
Benzyl Alcohol	100-51-6	10	10	U		ug/l	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	10	10	U		ug/l	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	10	10	U		ug/l	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	3	10	JB		ug/l	SW846 8270
Butyl Benzyl Phthalate	85-68-7	10	10	U		ug/l	SW846 8270
Chrysene	218-01-9	10	10	U		ug/l	SW846 8270
Di-n-butyl Phthalate	84-74-2	10	10	U		ug/l	SW846 8270
Di-n-octyl Phthalate	117-84-0	10	10	U		ug/l	SW846 8270
Dibenz(a,h)anthracene	53-70-3	10	10	U		ug/l	SW846 8270
Dibenzofuran	132-64-9	10	10	U		ug/l	SW846 8270
Diethyl Phthalate	84-66-2	4	10	J		ug/l	SW846 8270
Dimethyl Phthalate	131-11-3	10	10	U		ug/l	SW846 8270
Fluoranthene	206-44-0	10	10	U		ug/l	SW846 8270
Fluorene	86-73-7	10	10	U		ug/l	SW846 8270
Hexachlorobenzene	118-74-1	10	10	U		ug/l	SW846 8270
Hexachlorobutadiene	87-68-3	10	10	U		ug/l	SW846 8270
Hexachlorocyclopentadiene	77-47-4	10	10	U		ug/l	SW846 8270
Hexachloroethane	67-72-1	10	10	U		ug/l	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	10	10	U		ug/l	SW846 8270
Isophorone	78-59-1	10	10	U		ug/l	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	10	10	U		ug/l	SW846 8270
N-Nitrosodiphenylamine	86-30-6	10	10	U		ug/l	SW846 8270
Naphthalene	91-20-3	10	10	U		ug/l	SW846 8270
Nitrobenzene	98-95-3	10	10	U		ug/l	SW846 8270
Pentachlorophenol	87-86-5	50	50	U		ug/l	SW846 8270
Phenanthrene	85-01-8	10	10	U		ug/l	SW846 8270
Phenol	108-95-2	10	10	U		ug/l	SW846 8270
Pyrene	129-00-0	10	10	U		ug/l	SW846 8270
Pyridine	110-86-1	10	10	U		ug/l	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U		ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U		ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U		ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U		ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U		ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U		ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U		ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U		ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U		ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U		ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U		ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U		ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U		ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U		ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U		ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U		ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U		ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U		ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U		ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U		ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U		ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U		ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U		ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U		ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U		ug/l	SW846 8260

Location: SB107
Sample ID: ER104 **Depth:** NA
COE Sample ID: FH046-ER104/10-30-98
Date Collected: 10/30/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Methyl-2-pentanone	108-10-1	5	5	U		ug/l	SW846 8260
Acetone	67-64-1	48	5			ug/l	SW846 8260
Benzene	71-43-2	5	5	U		ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U		ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U		ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U		ug/l	SW846 8260
Bromoform	75-25-2	5	5	U		ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U		ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U		ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U		ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U		ug/l	SW846 8260
Chloroform	67-66-3	5	5	U		ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U		ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U		ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U		ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U		ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U		ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U		ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U		ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U		ug/l	SW846 8260
Methylene Chloride	75-09-2	5	5	U		ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U		ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U		ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U		ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U		ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U		ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U		ug/l	SW846 8260
Styrene	100-42-5	5	5	U		ug/l	SW846 82
tert-Butylbenzene	98-06-6	5	5	U		ug/l	SW846 82
Tetrachloroethene	127-18-4	5	5	U		ug/l	SW846 8260
Toluene	108-88-3	5	5	U		ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U		ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U		ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U		ug/l	SW846 8260

Location: SB108
Sample ID: 46SB119 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB119/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	1.3	0.33			mg/kg	SW846 6010
Barium	7440-39-3	8	0.064			mg/kg	SW846 6010
Cadmium	7440-43-9	0.11	0.05	B		mg/kg	SW846 6010
Chromium	7440-47-3	3.3	0.075			mg/kg	SW846 6010
Lead	7439-92-1	0.96	0.19	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.03	0.03	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.18	0.18	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	350	350	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	350	350	U	U	ug/kg	SW846 827
1,2-Dichlorobenzene	95-50-1	350	350	U	U	ug/kg	SW846 82
1,3-Dichlorobenzene	541-73-1	350	350	U	U	ug/kg	SW846 82
1,4-Dichlorobenzene	106-46-7	350	350	U	U	ug/kg	SW846 8270

Location: SB108
Sample ID: 46SB119 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB119/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2'-oxybis(1-chloropropane)	108-60-1	350	350	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	350	350	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	350	350	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	350	350	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	350	350	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	350	350	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	350	350	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	350	350	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	350	350	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	700	700	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	350	350	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	350	350	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	350	350	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	350	350	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	350	350	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	350	350	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	350	350	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	350	350	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	350	350	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	350	350	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	350	350	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	350	350	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	350	350	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	350	350	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	38	350	JB	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	350	350	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	350	350	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	160	350	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	350	350	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	350	350	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	350	350	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	350	350	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	350	350	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	350	350	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	350	350	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	350	350	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	350	350	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	350	350	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	350	350	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	350	350	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	350	350	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	350	350	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	350	350	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	350	350	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	350	350	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	350	350	U	U	ug/kg	SW846 8270
Phenol	108-95-2	350	350	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	350	350	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	350	350	U	U	ug/kg	SW846 8270

Location: SB108
Sample ID: 46SB119 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB119/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 82[illegible]
Acetone	67-64-1	5	5	U	U	ug/kg	SW846 82[illegible]
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	5	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 82[illegible]
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 82[illegible]

Location: SB108
Sample ID: 46SB120 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB120/09-20-97/10.0-12.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2	0.33			mg/kg	SW846 6010
Barium	7440-39-3	9.4	0.064			mg/kg	SW846 6010
Cadmium	7440-43-9	0.05	0.05	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	3.4	0.075			mg/kg	SW846 6010
Lead	7439-92-1	1.3	0.19	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.03	0.03	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.18	0.18	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	350	350	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	350	350	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	350	350	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	350	350	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	350	350	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	350	350	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	350	350	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	350	350	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	350	350	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	350	350	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	350	350	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	350	350	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	350	350	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	350	350	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	710	710	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	350	350	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	350	350	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	350	350	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	350	350	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	350	350	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	350	350	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	350	350	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	350	350	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	350	350	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	350	350	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	350	350	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	350	350	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	350	350	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	350	350	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	350	350	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	350	350	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	350	350	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	160	350	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	350	350	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	350	350	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	350	350	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	350	350	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	350	350	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	350	350	U	U	ug/kg	SW846 8270

Location: SB108
Sample ID: 46SB120 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB120/09-20-97/10.0-12.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	350	350	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	350	350	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	350	350	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	350	350	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	350	350	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	350	350	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	350	350	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	350	350	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	350	350	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	350	350	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	350	350	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	350	350	U	U	ug/kg	SW846 8270
Phenol	108-95-2	350	350	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	350	350	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	350	350	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 82[illegible]
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 826[illegible]
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	5	5	U	U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 82[illegible]
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 82[illegible]

Location: SB108
Sample ID: 46SB120 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB120/09-20-97/10.0-12.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: SB109
Sample ID: 46SB121 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB121/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.5	0.36			mg/kg	SW846 6010
Barium	7440-39-3	36.2	0.07			mg/kg	SW846 6010
Cadmium	7440-43-9	0.16	0.05	B		mg/kg	SW846 6010
Chromium	7440-47-3	6.2	0.081			mg/kg	SW846 6010
Lead	7439-92-1	1.9	0.21	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.3	1.3	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.2	0.2	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	760	760	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270

Location: SB109
Sample ID: 46SB121 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB121/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	380	380	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	380	380	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	380	380	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	170	380	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U	U	ug/kg	SW846 827
Fluorene	86-73-7	380	380	U	U	ug/kg	SW846 827
Hexachlorobenzene	118-74-1	380	380	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	380	380	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	380	380	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	380	380	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	380	380	U	U	ug/kg	SW846 8270
Phenol	108-95-2	380	380	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 826
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 82
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260

Location: SB109
Sample ID: 46SB121 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB121/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	6	U	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB109
Sample ID: 46SB122 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB122/09-20-97/10.0-12.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.3	0.36			mg/kg	SW846 6010
Barium	7440-39-3	13.5	0.069			mg/kg	SW846 6010
Cadmium	7440-43-9	0.06	0.06	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	4.2	0.081			mg/kg	SW846 6010

Location: SB109
Sample ID: 46SB122 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB122/09-20-97/10.0-12.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Lead	7439-92-1	1.5	0.21	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.2	0.2	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	380	380	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	760	760	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 827
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U	U	ug/kg	SW846 82
4-chloro-3-methylphenol	59-50-7	380	380	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	380	380	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	380	380	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	170	380	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	380	380	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	380	380	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U	U	ug/kg	SW846 827
Hexachlorocyclopentadiene	77-47-4	380	380	U	U	ug/kg	SW846 82
Hexachloroethane	67-72-1	380	380	U	U	ug/kg	SW846 827

Location: SB109
Sample ID: 46SB122 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB122/09-20-97/10.0-12.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	380	380	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	380	380	U	U	ug/kg	SW846 8270
Phenol	108-95-2	380	380	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	6	U	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	2	6	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260

Location: SB109
Sample ID: 46SB122 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB122/09-20-97/10.0-12.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB110
Sample ID: 46SB123 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB123/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.3	0.36			mg/kg	SW846 6010
Barium	7440-39-3	18.4	0.07			mg/kg	SW846 6010
Cadmium	7440-43-9	0.11	0.05	B		mg/kg	SW846 6010
Chromium	7440-47-3	6.4	0.082			mg/kg	SW846 601
Lead	7439-92-1	2.2	0.22	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.3	1.3	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.2	0.2	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	390	390	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	390	390	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	390	390	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	390	390	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	390	390	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	390	390	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	390	390	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	390	390	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	390	390	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	390	390	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	390	390	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	390	390	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	390	390	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	390	390	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	780	780	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	390	390	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	390	390	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	390	390	U	U	ug/kg	SW846 827
4-Chlorophenyl-phenylether	7005-72-3	390	390	U	U	ug/kg	SW846 82
4-Methylphenol	106-44-5	390	390	U	U	ug/kg	SW846 8270

Location: SB110
Sample ID: 46SB123 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB123/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	390	390	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	390	390	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	390	390	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	390	390	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	390	390	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	390	390	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	390	390	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	390	390	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	390	390	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	53	390	JB	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	390	390	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	390	390	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	180	390	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	390	390	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	390	390	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	390	390	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	390	390	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	390	390	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	390	390	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	390	390	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	390	390	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	390	390	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	390	390	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	390	390	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	390	390	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	390	390	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	390	390	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	390	390	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	390	390	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	390	390	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	390	390	U	U	ug/kg	SW846 8270
Phenol	108-95-2	390	390	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	390	390	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	390	390	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260

Location: SB110
Sample ID: 46SB123 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB123/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	6	U	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	4	6	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 82[illegible]
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 82[illegible]
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB110
Sample ID: 46SB124 **Depth:** 10.0-11.5
COE Sample ID: FH046-SB124/09-20-97/10.0-11.5
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	6.6	0.34			mg/kg	SW846 6010
Barium	7440-39-3	19.5	0.066			mg/kg	SW846 6010
Cadmium	7440-43-9	0.06	0.05	B		mg/kg	SW846 6010
Chromium	7440-47-3	5.8	0.077			mg/kg	SW846 6010
Lead	7439-92-1	3.3	0.2	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.19	0.19	U	U	mg/kg	SW846 6[illegible]

Location: SB110
Sample ID: 46SB124 **Depth:** 10.0-11.5
COE Sample ID: FH046-SB124/09-20-97/10.0-11.5
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	360	360	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	720	720	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	360	360	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	360	360	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	170	360	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	360	360	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U	U	ug/kg	SW846 8270

Location: SB110
Sample ID: 46SB124 **Depth:** 10.0-11.5
COE Sample ID: FH046-SB124/09-20-97/10.0-11.5
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	360	360	U	U	ug/kg	SW846 8270
Phenol	108-95-2	360	360	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 [illegible]
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 [illegible]
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	6	U	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 [illegible]
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 [illegible]

Location: SB110
Sample ID: 46SB124 **Depth:** 10.0-11.5
COE Sample ID: FH046-SB124/09-20-97/10.0-11.5
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB111
Sample ID: 46SB125 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB125/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.6	0.37			mg/kg	SW846 6010
Barium	7440-39-3	92.6	0.071			mg/kg	SW846 6010
Cadmium	7440-43-9	0.16	0.05	B		mg/kg	SW846 6010
Chromium	7440-47-3	9.8	0.083			mg/kg	SW846 6010
Lead	7439-92-1	3.1	0.22	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.3	1.3	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.2	0.2	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	390	390	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	390	390	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	390	390	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	390	390	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	390	390	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	390	390	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	390	390	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	390	390	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	390	390	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	390	390	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	390	390	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	390	390	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	390	390	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	390	390	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	780	780	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	390	390	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	390	390	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	390	390	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	390	390	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	390	390	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	390	390	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	390	390	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	390	390	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	390	390	U	U	ug/kg	SW846 8270

Location: SB111
Sample ID: 46SB125 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB125/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(a)pyrene	50-32-8	390	390	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	390	390	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	390	390	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	390	390	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	390	390	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	390	390	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	390	390	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	390	390	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	180	390	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	390	390	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	390	390	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	390	390	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	390	390	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	390	390	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	390	390	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	390	390	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	390	390	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	390	390	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	390	390	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	390	390	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	390	390	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	390	390	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	390	390	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	390	390	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	390	390	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	390	390	U	U	ug/kg	SW846 827
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 827
Phenanthrene	85-01-8	390	390	U	U	ug/kg	SW846 8270
Phenol	108-95-2	390	390	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	390	390	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	390	390	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 82
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 82

Location: SB111
Sample ID: 46SB125 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB125/09-20-97/8.0-10.0
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	6	U	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	6	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB111
Sample ID: 46SB126 **Depth:** 10.0-11.5
COE Sample ID: FH046-SB126/09-20-97/10.0-11.5
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	1.9	0.33			mg/kg	SW846 6010
Barium	7440-39-3	11.9	0.065			mg/kg	SW846 6010
Cadmium	7440-43-9	0.05	0.05	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	3.8	0.075			mg/kg	SW846 6010
Lead	7439-92-1	1.6	0.2	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	WU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.18	0.18	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	350	350	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	350	350	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	350	350	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	350	350	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	350	350	U	U	ug/kg	SW846 8270

Location: SB111
Sample ID: 46SB126 **Depth:** 10.0-11.5
COE Sample ID: FH046-SB126/09-20-97/10.0-11.5
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2'-oxybis(1-chloropropane)	108-60-1	350	350	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	350	350	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	350	350	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	350	350	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	350	350	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	350	350	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	350	350	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	350	350	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	350	350	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	350	350	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	710	710	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	350	350	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	350	350	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	350	350	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	350	350	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	350	350	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	350	350	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	350	350	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	350	350	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	350	350	U	U	ug/kg	SW846 827
Benzo(a)pyrene	50-32-8	350	350	U	U	ug/kg	SW846 82
Benzo(b)fluoranthene	205-99-2	350	350	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	350	350	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	350	350	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	350	350	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	350	350	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	350	350	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	350	350	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	350	350	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	160	350	JB	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	350	350	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	350	350	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	350	350	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	350	350	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	350	350	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	350	350	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	350	350	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	350	350	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	350	350	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	350	350	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	350	350	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	350	350	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	350	350	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	350	350	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	350	350	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	350	350	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	350	350	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	350	350	U	U	ug/kg	SW846 8270
Phenol	108-95-2	350	350	U	U	ug/kg	SW846 827
Pyrene	129-00-0	350	350	U	U	ug/kg	SW846 82
Pyridine	110-86-1	350	350	U	U	ug/kg	SW846 8270

Location: SB111
Sample ID: 46SB126 **Depth:** 10.0-11.5
COE Sample ID: FH046-SB126/09-20-97/10.0-11.5
Date Collected: 9/20/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	5	5	U	U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB137 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB137/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.5	0.23			mg/kg	SW846 6010
Barium	7440-39-3	37.7	0.16			mg/kg	SW846 6010
Cadmium	7440-43-9	0.1	0.04	B		mg/kg	SW846 6010
Chromium	7440-47-3	5.0	0.10			mg/kg	SW846 6010
Lead	7439-92-1	7.9	0.18			mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U		mg/kg	SW846 6010
Selenium	7782-49-2	0.28	0.28	WNU		mg/kg	SW846 6010
Silver	7440-22-4	0.15	0.15	U		mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	400	400	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U	U	ug/kg	SW846 82[illegible]
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 82
2-Nitrophenol	88-75-5	400	400	U	U	ug/kg	SW846 827[illegible]
3,3'-Dichlorobenzidine	91-94-1	800	800	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	400	400	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	400	400	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	400	400	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	400	400	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	400	400	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	400	400	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	400	400	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	400	400	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	400	400	U	U	ug/kg	SW846 82[illegible]
Dimethyl Phthalate	131-11-3	400	400	U	U	ug/kg	SW846 8[illegible]
Fluoranthene	206-44-0	400	400	U	U	ug/kg	SW846 82[illegible]

Location: SB112
Sample ID: 46SB137 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB137/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	400	400	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	400	400	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	400	400	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	150	400	J	J	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	400	400	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	400	400	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	400	400	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U	U	ug/kg	SW846 8270
Phenol	108-95-2	400	400	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	6	J	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB137 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB137/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	1	6	J	J	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB138 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB137/10-28-98/2.0-4.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.2	0.22			mg/kg	SW846 601[illegible]
Barium	7440-39-3	56.8	0.16			mg/kg	SW846 6010
Cadmium	7440-43-9	0.19	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	6.5	0.10			mg/kg	SW846 6010
Lead	7439-92-1	4.9	0.17			mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 6010
Selenium	7782-49-2	0.27	0.27	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	400	400	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	400	400	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	800	800	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U		ug/kg	SW846 82[illegible]
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U		ug/kg	SW846 82[illegible]
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U		ug/kg	SW846 8270

Location: SB112
Sample ID: 46SB138 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB137/10-28-98/2.0-4.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-chloro-3-methylphenol	59-50-7	400	400	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	400	400	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U		ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	400	400	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	400	400	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	400	400	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U		ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	400	400	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	400	400	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	400	400	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	400	400	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	400	400	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	400	400	U		ug/kg	SW846 8270
Fluorene	86-73-7	400	400	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	400	400	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	400	400	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U		ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	400	400	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	400	400	U		ug/kg	SW846 8270
Naphthalene	91-20-3	400	400	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	400	400	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U		ug/kg	SW846 8270
Phenol	108-95-2	400	400	U		ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U		ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U		ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB138 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB137/10-28-98/2.0-4.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 826[illegible]
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 826[illegible]
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB139 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB139/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.8	0.24			mg/kg	SW846 6010
Barium	7440-39-3	142	0.18			mg/kg	SW846 6010
Cadmium	7440-43-9	0.25	0.04	B	B	mg/kg	SW846 601[illegible]
Chromium	7440-47-3	11.8	0.11			mg/kg	SW846 60
Lead	7439-92-1	14.9	0.19			mg/kg	SW846 601[illegible]

Location: SB112
Sample ID: 46SB139 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB139/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Mercury	7439-97-6	0.05	0.05	U	U	mg/kg	SW846 6010
Selenium	7782-49-2	0.29	0.29	NU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.16	0.16	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	430	430	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	430	430	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	430	430	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	430	430	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	430	430	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	430	430	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2100	2100	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	430	430	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	430	430	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	430	430	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2100	2100	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	430	430	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	430	430	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	430	430	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	430	430	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	430	430	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	430	430	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2100	2100	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	430	430	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	860	860	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2100	2100	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2100	2100	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	430	430	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	430	430	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	430	430	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	430	430	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	430	430	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2100	2100	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	2100	2100	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	430	430	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	430	430	U		ug/kg	SW846 8270
Anthracene	120-12-7	430	430	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	430	430	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	430	430	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	430	430	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	430	430	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	430	430	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	2100	2100	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	430	430	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	430	430	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	430	430	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	430	430	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	430	430	U		ug/kg	SW846 8270
Chrysene	218-01-9	430	430	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	64	430	J		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	430	430	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	430	430	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	430	430	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	430	430	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	430	430	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	430	430	U		ug/kg	SW846 8270
Fluorene	86-73-7	430	430	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	430	430	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	430	430	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	430	430	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	430	430	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	430	430	U		ug/kg	SW846 8270

Location: SB112
Sample ID: 46SB139 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB139/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Isophorone	78-59-1	430	430	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	430	430	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	430	430	U		ug/kg	SW846 8270
Naphthalene	91-20-3	430	430	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	430	430	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2100	2100	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	430	430	U		ug/kg	SW846 8270
Phenol	108-95-2	430	430	U		ug/kg	SW846 8270
Pyrene	129-00-0	430	430	U		ug/kg	SW846 8270
Pyridine	110-86-1	430	430	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	7	7	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	7	7	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	7	7	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	7	7	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	7	7	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	7	7	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	7	7	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	7	7	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	7	7	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	7	7	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	7	7	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	7	7	U	U	ug/kg	SW846 826
1,2-trans-Dichloroethene	156-60-5	7	7	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	7	7	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	7	7	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	7	7	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	7	7	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	7	7	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	7	7	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	7	7	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	7	7	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	7	7	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	7	7	U	U	ug/kg	SW846 8260
Acetone	67-64-1	7	7		U	ug/kg	SW846 8260
Benzene	71-43-2	7	7	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	7	7	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	7	7	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	7	7	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	7	7	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	7	7	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	7	7	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	7	7	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	7	7	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	7	7	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	7	7	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	7	7	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	7	7	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	7	7	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	7	7	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	7	7	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	7	7	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	7	7	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	7	7	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	7	7	U	U	ug/kg	SW846 82
n-propylbenzene	103-65-1	7	7	U	U	ug/kg	SW846 826

Location: SB112
Sample ID: 46SB139 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB139/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Naphthalene	91-20-3	7	7	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	7	7	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	7	7	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	7	7	U	U	ug/kg	SW846 8260
Styrene	100-42-5	7	7	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	7	7	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	7	7	U	U	ug/kg	SW846 8260
Toluene	108-88-3	7	7	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	7	7	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	7	7	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	7	7	U	U	ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB140 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB140/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.5	0.22			mg/kg	SW846 6010
Barium	7440-39-3	127	0.16			mg/kg	SW846 6010
Cadmium	7440-43-9	0.13	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	9.0	0.10			mg/kg	SW846 6010
Lead	7439-92-1	8.1	0.17			mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 6010
Selenium	7782-49-2	0.25	0.25	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	400	400	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	400	400	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	800	800	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	400	400	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U		ug/kg	SW846 8270

Location: SB112
Sample ID: 46SB140 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB140/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acenaphthene	83-32-9	400	400	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U		ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	400	400	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	400	400	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	400	400	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U		ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U		ug/kg	SW846 8270
[illegible]i-n-octyl Phthalate	117-84-0	400	400	U		ug/kg	SW846 8270
[illegible]benz(a,h)anthracene	53-70-3	400	400	U		ug/kg	SW846 8270
[illegible]enzofuran	132-64-9	400	400	U		ug/kg	SW846 8270
[illegible]ethyl Phthalate	84-66-2	400	400	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	400	400	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	400	400	U		ug/kg	SW846 8270
Fluorene	86-73-7	400	400	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	400	400	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	400	400	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U		ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U		ug/kg	SW846 8[illegible]
N-Nitroso-di-n-propylamine	621-64-7	400	400	U		ug/kg	SW846 827
N-Nitrosodiphenylamine	86-30-6	400	400	U		ug/kg	SW846 8270
Naphthalene	91-20-3	400	400	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	400	400	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U		ug/kg	SW846 8270
Phenol	108-95-2	400	400	U		ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U		ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 826[illegible]
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 826[illegible]

Location: SB112
Sample ID: 46SB140 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB140/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	6	6	U	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB141 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB141/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.3	0.20			mg/kg	SW846 6010
Barium	7440-39-3	17.3	0.14			mg/kg	SW846 6010
Cadmium	7440-43-9	0.09	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	2.7	0.09			mg/kg	SW846 6010
Lead	7439-92-1	1.2	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 6010
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	350	350	U		ug/kg	SW846 8270

Location: SB112
Sample ID: 46SB141 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB141/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2,4-Trichlorobenzene	120-82-1	350	350	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	350	350	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	350	350	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	350	350	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	350	350	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	350	350	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	350	350	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	350	350	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	350	350	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	350	350	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	350	350	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	350	350	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	350	350	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	350	350	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	350	350	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	700	700	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	350	350	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	350	350	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	350	350	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	350	350	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	350	350	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	350	350	U		ug/kg	SW846 82
Acenaphthylene	208-96-8	350	350	U		ug/kg	SW846 82
Anthracene	120-12-7	350	350	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	350	350	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	350	350	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	350	350	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	350	350	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	350	350	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	350	350	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	350	350	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	350	350	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	350	350	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	350	350	U		ug/kg	SW846 8270
Chrysene	218-01-9	350	350	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	350	350	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	350	350	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	350	350	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	350	350	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	350	350	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	350	350	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	350	350	U		ug/kg	SW846 8270
Fluorene	86-73-7	350	350	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	350	350	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	350	350	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	350	350	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	350	350	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	350	350	U		ug/kg	SW846 8270
Isophorone	78-59-1	350	350	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	350	350	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	350	350	U		ug/kg	SW846 8270
Naphthalene	91-20-3	350	350	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	350	350	U		ug/kg	SW846 82
Pentachlorophenol	87-86-5	1700	1700	U		ug/kg	SW846 82
Phenanthrene	85-01-8	350	350	U		ug/kg	SW846 8270

Location: SB112
Sample ID: 46SB141 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB141/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Phenol	108-95-2	350	350	U		ug/kg	SW846 8270
Pyrene	129-00-0	350	350	U		ug/kg	SW846 8270
Pyridine	110-86-1	350	350	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB141 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB141/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	2	6	J		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB142 **Depth:** 10.0-11.7
COE Sample ID: FH046-SB142/10-28-98/10.0-11.7
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.1	0.21			mg/kg	SW846 6010
Barium	7440-39-3	9.3	0.15			mg/kg	SW846 6010
Cadmium	7440-43-9	0.04	0.04	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	2.3	0.09			mg/kg	SW846 6010
Lead	7439-92-1	1.3	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 6010
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U	U	ug/kg	SW846 827
1,2,4-Trichlorobenzene	120-82-1	360	360	U	U	ug/kg	SW846 82
1,2-Dichlorobenzene	95-50-1	360	360	U	U	ug/kg	SW846
1,3-Dichlorobenzene	541-73-1	360	360	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	720	720	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U	U	ug/kg	SW846 827
Benzo(a)pyrene	50-32-8	360	360	U	U	ug/kg	SW846 82
Benzo(b)fluoranthene	205-99-2	360	360	U	U	ug/kg	SW846 82
Benzo(g,h,i)perylene	191-24-2	360	360	U	U	ug/kg	SW846 8270

Location: SB112
Sample ID: 46SB142 **Depth:** 10.0-11.7
COE Sample ID: FH046-SB142/10-28-98/10.0-11.7
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(k)fluoranthene	207-08-9	360	360	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	360	360	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	360	360	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	360	360	U	U	ug/kg	SW846 8270
Phenol	108-95-2	360	360	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260

Location: SB112
Sample ID: 46SB142 **Depth:** 10.0-11.7
COE Sample ID: FH046-SB142/10-28-98/10.0-11.7
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 82[illegible]
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB113
Sample ID: 46SB143 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB143/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.8	0.21			mg/kg	SW846 6010
Barium	7440-39-3	23.4	0.15			mg/kg	SW846 6010
Cadmium	7440-43-9	0.12	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	3.3	0.09			mg/kg	SW846 6010
Lead	7439-92-1	2.5	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 6010
Selenium	7782-49-2	0.24	0.24	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	350	350	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	350	350	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	350	350	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	350	350	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	350	350	U		ug/kg	SW846 827[illegible]
2,2'-oxybis(1-chloropropane)	108-60-1	350	350	U		ug/kg	SW846 82[illegible]
2,4,5-Trichlorophenol	95-95-4	1700	1700	U		ug/kg	SW846 8270

Location: SB113
Sample ID: 46SB143 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB143/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,4,6-Trichlorophenol	88-06-2	350	350	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	350	350	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	350	350	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	350	350	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	350	350	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	350	350	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	350	350	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	350	350	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	350	350	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	350	350	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	700	700	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	350	350	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	350	350	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	350	350	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	350	350	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	350	350	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	350	350	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	350	350	U		ug/kg	SW846 8270
Anthracene	120-12-7	350	350	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	350	350	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	350	350	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	350	350	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	350	350	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	350	350	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	350	350	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	350	350	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	350	350	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	350	350	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	350	350	U		ug/kg	SW846 8270
Chrysene	218-01-9	350	350	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	59	350	J		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	350	350	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	350	350	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	350	350	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	350	350	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	350	350	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	350	350	U		ug/kg	SW846 8270
Fluorene	86-73-7	350	350	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	350	350	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	350	350	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	350	350	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	350	350	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	350	350	U		ug/kg	SW846 8270
Isophorone	78-59-1	350	350	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	350	350	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	350	350	U		ug/kg	SW846 8270
Naphthalene	91-20-3	350	350	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	350	350	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	350	350	U		ug/kg	SW846 8270
Phenol	108-95-2	350	350	U		ug/kg	SW846 8270
Pyrene	129-00-0	350	350	U		ug/kg	SW846 8270
Pyridine	110-86-1	350	350	U		ug/kg	SW846 8270

Location: SB113
Sample ID: 46SB143 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB143/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 826[illegible]
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 826[illegible]
Acetone	67-64-1	69	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 826[illegible]
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 82[illegible]
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB113
Sample ID: 46SB144 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB144/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	6.7	0.24			mg/kg	SW846 6010
Barium	7440-39-3	158	0.17			mg/kg	SW846 6010
Cadmium	7440-43-9	0.18	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	13.3	0.11			mg/kg	SW846 6010
Lead	7439-92-1	11.7	0.19			mg/kg	SW846 6010
Mercury	7439-97-6	0.05	0.05	U	U	mg/kg	SW846 6010
Selenium	7782-49-2	0.28	0.28	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.16	0.16	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	420	420	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	420	420	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	420	420	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	420	420	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	420	420	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	420	420	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2000	2000	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	420	420	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	420	420	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	420	420	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2000	2000	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	420	420	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	420	420	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	420	420	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	420	420	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	420	420	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	420	420	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2000	2000	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	420	420	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	840	840	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2000	2000	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2000	2000	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	420	420	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	420	420	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	420	420	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	420	420	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	420	420	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2000	2000	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	2000	2000	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	420	420	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	420	420	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	420	420	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	420	420	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	420	420	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	420	420	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	420	420	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	420	420	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	2000	2000	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	420	420	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	420	420	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	420	420	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	420	420	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	420	420	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	420	420	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	420	420	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	420	420	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	420	420	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	420	420	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	420	420	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	420	420	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	420	420	U	U	ug/kg	SW846 8270

Location: SB113
Sample ID: 46SB144 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB144/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	420	420	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	420	420	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	420	420	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	420	420	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	420	420	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	420	420	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	420	420	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	420	420	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	420	420	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	420	420	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	420	420	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2000	2000	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	420	420	U	U	ug/kg	SW846 8270
Phenol	108-95-2	420	420	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	420	420	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	420	420	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	7	7	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	7	7	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	7	7	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	7	7	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	7	7	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	7	7	U	U	ug/kg	SW846 826
1,2-cis-Dichloroethene	156-59-2	7	7	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	7	7	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	7	7	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	7	7	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	7	7	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	7	7	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	7	7	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	7	7	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	7	7	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	7	7	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	7	7	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	7	7	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	7	7	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	7	7	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	7	7	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	7	7	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	7	7	U	U	ug/kg	SW846 8260
Acetone	67-64-1	7	7	U	U	ug/kg	SW846 8260
Benzene	71-43-2	7	7	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	7	7	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	7	7	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	7	7	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	7	7	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	7	7	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	7	7	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	7	7	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	7	7	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	7	7	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	7	7	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	7	7	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	7	7	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	7	7	U	U	ug/kg	SW846 82
Ethylbenzene	100-41-4	7	7	U	U	ug/kg	SW846 826

Location: SB113
Sample ID: 46SB144 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB144/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	7	7	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	7	7	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	7	7	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	7	7	JB	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	7	7	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	7	7	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	7	7	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	7	7	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	7	7	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	7	7	U	U	ug/kg	SW846 8260
Styrene	100-42-5	7	7	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	7	7	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	7	7	U	U	ug/kg	SW846 8260
Toluene	108-88-3	7	7	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	7	7	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	7	7	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	7	7	U	U	ug/kg	SW846 8260

Location: SB113
Sample ID: 46SB145 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB145/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.0	0.21			mg/kg	SW846 6010
Barium	7440-39-3	61.9	0.15			mg/kg	SW846 6010
Cadmium	7440-43-9	0.08	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	4.7	0.09			mg/kg	SW846 6010
Lead	7439-92-1	2.4	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 6010
Selenium	7782-49-2	1.3	1.3	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	370	370	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	370	370	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	370	370	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	370	370	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	370	370	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	370	370	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	370	370	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	370	370	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	370	370	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	370	370	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	370	370	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	370	370	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	370	370	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	370	370	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	750	750	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	370	370	U	U	ug/kg	SW846 8270

Location: SB113
Sample ID: 46SB145 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB145/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-chloro-3-methylphenol	59-50-7	370	370	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	370	370	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	370	370	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	370	370	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	370	370	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	370	370	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	370	370	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	370	370	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	370	370	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	370	370	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	370	370	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	370	370	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	370	370	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	54	370	J	J	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	370	370	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	370	370	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	370	370	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	370	370	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	370	370	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	370	370	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	370	370	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	370	370	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	370	370	U	U	ug/kg	SW846 827
Fluorene	86-73-7	370	370	U	U	ug/kg	SW846 827
Hexachlorobenzene	118-74-1	370	370	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	370	370	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	370	370	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	370	370	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	370	370	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	370	370	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	370	370	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	370	370	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	370	370	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	370	370	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	370	370	U	U	ug/kg	SW846 8270
Phenol	108-95-2	370	370	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	370	370	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	370	370	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 826
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 82
1,2-Dichloroethane	107-06-2	6	6	U		ug/kg	SW846 8260

Location: SB113
Sample ID: 46SB145 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB145/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB113
Sample ID: 46SB146 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB146/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.0	0.19			mg/kg	SW846 6010
Barium	7440-39-3	12.7	0.13			mg/kg	SW846 6010
Cadmium	7440-43-9	0.08	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	2.5	0.08			mg/kg	SW846 6010
Lead	7439-92-1	1.0	0.14			mg/kg	SW846 6010

Location: SB113
Sample ID: 46SB146 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB146/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Mercury	7439-97-6	0.03	0.03	U	U	mg/kg	SW846 6010
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.12	0.12	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	340	340	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	340	340	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	340	340	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	340	340	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	340	340	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	340	340	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	340	340	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	340	340	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	340	340	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	340	340	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	340	340	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	340	340	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	340	340	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	340	340	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	340	340	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	340	340	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	690	690	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	340	340	U	U	ug/kg	SW846 82[illegible]
4-chloro-3-methylphenol	59-50-7	340	340	U	U	ug/kg	SW846 82[illegible]
4-Chloroaniline	106-47-8	340	340	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	340	340	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	340	340	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	340	340	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	340	340	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	340	340	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	340	340	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	340	340	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	340	340	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	340	340	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	340	340	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	340	340	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	340	340	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	340	340	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	340	340	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	340	340	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	340	340	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	340	340	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	340	340	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	340	340	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	340	340	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	340	340	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	340	340	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	340	340	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	340	340	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	340	340	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	340	340	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	340	340	U	U	ug/kg	SW846 82[illegible]
Hexachloroethane	67-72-1	340	340	U	U	ug/kg	SW846 82
Indeno(1,2,3-cd)pyrene	193-39-5	340	340	U	U	ug/kg	SW846 8270

Location: SB113
Sample ID: 46SB146 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB146/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Isophorone	78-59-1	340	340	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	340	340	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	340	340	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	340	340	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	340	340	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	340	340	U	U	ug/kg	SW846 8270
Phenol	108-95-2	340	340	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	340	340	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	340	340	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U		ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U		ug/kg	SW846 8260
Acetone	67-64-1	5	5	U		ug/kg	SW846 8260
Benzene	71-43-2	5	5	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U		ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U		ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U		ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U		ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U		ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	5	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U		ug/kg	SW846 8260

Location: SB113
Sample ID: 46SB146 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB146/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Naphthalene	91-20-3	5	5	U		ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U		ug/kg	SW846 8260
Styrene	100-42-5	5	5	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U		ug/kg	SW846 8260
Toluene	108-88-3	5	5	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U		ug/kg	SW846 8260

Location: SB113
Sample ID: 46SB147 **Depth:** 10.0-11.7
COE Sample ID: FH046-SB147/10-28-98/10.0-11.7
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	11.6	0.21			mg/kg	SW846 6010
Barium	7440-39-3	30.2	0.15			mg/kg	SW846 6010
Cadmium	7440-43-9	0.11	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	5.1	0.09			mg/kg	SW846 6010
Lead	7439-92-1	6.8	0.16			mg/kg	SW846 601[illegible]
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 601[illegible]
Selenium	7782-49-2	1.3	1.3	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	370	370	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	370	370	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	370	370	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	370	370	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	370	370	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	370	370	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	370	370	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	370	370	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	370	370	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	370	370	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	370	370	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	370	370	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	370	370	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	370	370	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	370	370	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	370	370	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	750	750	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	370	370	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	370	370	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	370	370	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	370	370	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	370	370	U		ug/kg	SW846 82[illegible]
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 82[illegible]
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270

Location: SB113
Sample ID: 46SB147 **Depth:** 10.0-11.7
COE Sample ID: FH046-SB147/10-28-98/10.0-11.7
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acenaphthene	83-32-9	370	370	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	370	370	U		ug/kg	SW846 8270
Anthracene	120-12-7	370	370	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	370	370	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	370	370	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	370	370	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	370	370	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	370	370	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	370	370	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	370	370	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	370	370	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	370	370	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	370	370	U		ug/kg	SW846 8270
Chrysene	218-01-9	370	370	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	370	370	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	370	370	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	370	370	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	370	370	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	370	370	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	370	370	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	370	370	U		ug/kg	SW846 8270
Fluorene	86-73-7	370	370	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	370	370	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	370	370	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	370	370	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	370	370	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	370	370	U		ug/kg	SW846 8270
Isophorone	78-59-1	370	370	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	370	370	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	370	370	U		ug/kg	SW846 8270
Naphthalene	91-20-3	370	370	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	370	370	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	370	370	U		ug/kg	SW846 8270
Phenol	108-95-2	48	370	J		ug/kg	SW846 8270
Pyrene	129-00-0	370	370	U		ug/kg	SW846 8270
Pyridine	110-86-1	370	370	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260

Location: SB113
Sample ID: 46SB147 **Depth:** 10.0-11.7
COE Sample ID: FH046-SB147/10-28-98/10.0-11.7
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 82[illegible]
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 826[illegible]
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB113
Sample ID: ER102 **Depth:** NA
COE Sample ID: FH046-ER102/10-28-98
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.0	5.0	U		ug/l	SW846 6010
Barium	7440-39-3	1.0	1.0	U		ug/l	SW846 6010
Cadmium	7440-43-9	1.0	1.0	U		ug/l	SW846 6010
Chromium	7440-47-3	1.0	1.0	U		ug/l	SW846 6010
Lead	7439-92-1	2.0	2.0	U		ug/l	SW846 6010
Mercury	7439-97-6	0.10	0.10	U		ug/l	SW846 7470
Selenium	7782-49-2	2.0	2.0	UW		ug/l	SW846 6010
Silver	7440-22-4	3.0	3.0	U		ug/l	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	10	10	U		ug/l	SW846 8270

Location: SB113
Sample ID: ER102 **Depth:** NA
COE Sample ID: FH046-ER102/10-28-98
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2,4-Trichlorobenzene	120-82-1	10	10	U		ug/l	SW846 8270
1,2-Dichlorobenzene	95-50-1	10	10	U		ug/l	SW846 8270
1,3-Dichlorobenzene	541-73-1	10	10	U		ug/l	SW846 8270
1,4-Dichlorobenzene	106-46-7	10	10	U		ug/l	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	10	10	U		ug/l	SW846 8270
2,4,5-Trichlorophenol	95-95-4	50	50	U		ug/l	SW846 8270
2,4,6-Trichlorophenol	88-06-2	10	10	U		ug/l	SW846 8270
2,4-Dichlorophenol	120-83-2	10	10	U		ug/l	SW846 8270
2,4-Dimethylphenol	105-67-9	10	10	U		ug/l	SW846 8270
2,4-Dinitrophenol	51-28-5	50	50	U		ug/l	SW846 8270
2,4-Dinitrotoluene	121-14-2	10	10	U		ug/l	SW846 8270
2,6-Dinitrotoluene	606-20-2	10	10	U		ug/l	SW846 8270
2-Chloronaphthalene	91-58-7	10	10	U		ug/l	SW846 8270
2-Chlorophenol	95-57-8	10	10	U		ug/l	SW846 8270
2-Methylnaphthalene	91-57-6	10	10	U		ug/l	SW846 8270
2-Methylphenol	95-48-7	10	10	U		ug/l	SW846 8270
2-Nitroaniline	88-74-4	50	50	U		ug/l	SW846 8270
2-Nitrophenol	88-75-5	10	10	U		ug/l	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	20	20	U		ug/l	SW846 8270
3-Nitroaniline	99-09-2	50	50	U		ug/l	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	50	50	U		ug/l	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	10	10	U		ug/l	SW846 8270
4-chloro-3-methylphenol	59-50-7	10	10	U		ug/l	SW846 8270
4-Chloroaniline	106-47-8	10	10	U		ug/l	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	10	10	U		ug/l	SW846 8270
4-Methylphenol	106-44-5	10	10	U		ug/l	SW846 8270
4-Nitroaniline	100-01-6	50	50	U		ug/l	SW846 8270
4-Nitrophenol	100-02-7	50	50	U		ug/l	SW846 8270
Acenaphthene	83-32-9	10	10	U		ug/l	SW846 8270
Acenaphthylene	208-96-8	10	10	U		ug/l	SW846 8270
Anthracene	120-12-7	10	10	U		ug/l	SW846 8270
Benzo(a)anthracene	56-55-3	10	10	U		ug/l	SW846 8270
Benzo(a)pyrene	50-32-8	10	10	U		ug/l	SW846 8270
Benzo(b)fluoranthene	205-99-2	10	10	U		ug/l	SW846 8270
Benzo(g,h,i)perylene	191-24-2	10	10	U		ug/l	SW846 8270
Benzo(k)fluoranthene	207-08-9	10	10	U		ug/l	SW846 8270
Benzoic Acid	65-85-0	7	50	J		ug/l	SW846 8270
Benzyl Alcohol	100-51-6	10	10	U		ug/l	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	10	10	U		ug/l	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	10	10	U		ug/l	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	10	10	JB		ug/l	SW846 8270
Butyl Benzyl Phthalate	85-68-7	10	10	U		ug/l	SW846 8270
Chrysene	218-01-9	10	10	U		ug/l	SW846 8270
Di-n-butyl Phthalate	84-74-2	10	10	U		ug/l	SW846 8270
Di-n-octyl Phthalate	117-84-0	10	10	U		ug/l	SW846 8270
Dibenz(a,h)anthracene	53-70-3	10	10	U		ug/l	SW846 8270
Dibenzofuran	132-64-9	10	10	U		ug/l	SW846 8270
Diethyl Phthalate	84-66-2	3	10	J		ug/l	SW846 8270
Dimethyl Phthalate	131-11-3	10	10	U		ug/l	SW846 8270
Fluoranthene	206-44-0	10	10	U		ug/l	SW846 8270
Fluorene	86-73-7	10	10	U		ug/l	SW846 8270
Hexachlorobenzene	118-74-1	10	10	U		ug/l	SW846 8270
Hexachlorobutadiene	87-68-3	10	10	U		ug/l	SW846 8270
Hexachlorocyclopentadiene	77-47-4	10	10	U		ug/l	SW846 8270
Hexachloroethane	67-72-1	10	10	U		ug/l	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	10	10	U		ug/l	SW846 8270
Isophorone	78-59-1	10	10	U		ug/l	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	10	10	U		ug/l	SW846 8270
N-Nitrosodiphenylamine	86-30-6	10	10	U		ug/l	SW846 8270
Naphthalene	91-20-3	10	10	U		ug/l	SW846 8270
Nitrobenzene	98-95-3	10	10	U		ug/l	SW846 8270
Pentachlorophenol	87-86-5	50	50	U		ug/l	SW846 8270
Phenanthrene	85-01-8	10	10	U		ug/l	SW846 8270

Location: SB113
Sample ID: ER102 **Depth:** NA
COE Sample ID: FH046-ER102/10-28-98
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Phenol	108-95-2	10	10	U		ug/l	SW846 8270
Pyrene	129-00-0	10	10	U		ug/l	SW846 8270
Pyridine	110-86-1	10	10	U		ug/l	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U		ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U		ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U		ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U		ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U		ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U		ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U		ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U		ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U		ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U		ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U		ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U		ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U		ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U		ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U		ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U		ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U		ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U		ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U		ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U		ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U		ug/l	SW846 826
2-Butanone	78-93-3	5	5	U		ug/l	SW846 82
2-Chlorotoluene	95-49-8	5	5	U		ug/l	SW846 826
2-Hexanone	591-78-6	5	5	U		ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U		ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U		ug/l	SW846 8260
Acetone	67-64-1	51	5			ug/l	SW846 8260
Benzene	71-43-2	5	5	U		ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U		ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U		ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U		ug/l	SW846 8260
Bromoform	75-25-2	5	5	U		ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U		ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U		ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U		ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U		ug/l	SW846 8260
Chloroform	67-66-3	1	5	J		ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U		ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U		ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U		ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U		ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U		ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U		ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U		ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U		ug/l	SW846 8260
Methylene Chloride	75-09-2	5	5	U		ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U		ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U		ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U		ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U		ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U		ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U		ug/l	SW846 8260
Styrene	100-42-5	5	5	U		ug/l	SW846 826
tert-Butylbenzene	98-06-6	5	5	U		ug/l	SW846 82
Tetrachloroethene	127-18-4	5	5	U		ug/l	SW846 826

Location: SB113
Sample ID: ER102 **Depth:** NA
COE Sample ID: FH046-ER102/10-28-98
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Toluene	108-88-3	5	5	U		ug/l	SW846 8260
Trichloroethene	79-01-6	3	5	J		ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U		ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U		ug/l	SW846 8260

Location: SB114
Sample ID: 46SB148 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB148/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	7.2	0.58			mg/kg	SW846 6010
Barium	7440-39-3	55.7	0.12			mg/kg	SW846 6010
Cadmium	7440-43-9	0.26	0.12			mg/kg	SW846 6010
Chromium	7440-47-3	7.4	0.12			mg/kg	SW846 6010
Lead	7439-92-1	16.5	0.23	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	NU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.35	0.35	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	400	400	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	400	400	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	790	790	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	400	400	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	400	400	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U		ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	400	400	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	400	400	U		ug/kg	SW846 8270

Location: SB114
Sample ID: 46SB148 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB148/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(g,h,i)perylene	191-24-2	400	400	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U		ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	400	400	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	400	400	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	400	400	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	400	400	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	400	400	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	400	400	U		ug/kg	SW846 8270
Fluorene	86-73-7	400	400	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	400	400	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	400	400	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U		ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	400	400	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	400	400	U		ug/kg	SW846 8270
Naphthalene	91-20-3	400	400	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	400	400	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U		ug/kg	SW846 827(
Phenol	108-95-2	400	400	U		ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U		ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 826
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260

Location: SB114
Sample ID: 46SB148 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB148/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB114
Sample ID: 46SB149 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB149/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	7.4	0.23			mg/kg	SW846 6010
Barium	7440-39-3	145	0.17	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.24	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	15.3	0.10			mg/kg	SW846 6010
Lead	7439-92-1	12.7	0.18			mg/kg	SW846 6010
Mercury	7439-97-6	0.043	0.043	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.4	1.4	NU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.15	0.15	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	440	440	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	440	440	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	440	440	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	440	440	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	440	440	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	440	440	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2100	2100	U		ug/kg	SW846 8270

Location: SB114
Sample ID: 46SB149 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB149/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,4,6-Trichlorophenol	88-06-2	440	440	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	440	440	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	440	440	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2100	2100	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	440	440	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	440	440	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	440	440	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	440	440	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	440	440	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	440	440	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2100	2100	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	440	440	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	880	880	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2100	2100	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2100	2100	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	440	440	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	440	440	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	440	440	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	440	440	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	440	440	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2100	2100	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	2100	2100	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	440	440	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	440	440	U		ug/kg	SW846 8270
Anthracene	120-12-7	440	440	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	440	440	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	440	440	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	440	440	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	440	440	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	440	440	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	2100	2100	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	440	440	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	440	440	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	440	440	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	440	440	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	440	440	U		ug/kg	SW846 8270
Chrysene	218-01-9	440	440	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	440	440	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	440	440	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	440	440	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	440	440	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	440	440	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	440	440	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	440	440	U		ug/kg	SW846 8270
Fluorene	86-73-7	440	440	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	440	440	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	440	440	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	440	440	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	440	440	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	440	440	U		ug/kg	SW846 8270
Isophorone	78-59-1	440	440	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	440	440	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	440	440	U		ug/kg	SW846 8270
Naphthalene	91-20-3	440	440	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	440	440	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2100	2100	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	440	440	U		ug/kg	SW846 8270
Phenol	108-95-2	440	440	U		ug/kg	SW846 8270
Pyrene	129-00-0	440	440	U		ug/kg	SW846 8270
Pyridine	110-86-1	440	440	U		ug/kg	SW846 8270

Location: SB114
Sample ID: 46SB149 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB149/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	7	7	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	7	7	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	7	7	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	7	7	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	7	7	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	7	7	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	7	7	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	7	7	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	7	7	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	7	7	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	7	7	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	7	7	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	7	7	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	7	7	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	7	7	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	7.00	7.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	7	7	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	7	7	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	7	7	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	7	7	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	7	7	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	7	7	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	7	7	U		ug/kg	SW846 8260
2-Butanone	78-93-3	7	7	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	7	7	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	7	7	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	7	7	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	7	7	U		ug/kg	SW846 8260
Acetone	67-64-1	7	7	U		ug/kg	SW846 8260
Benzene	71-43-2	7	7	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	7	7	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	7	7	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	7	7	U		ug/kg	SW846 8260
Bromoform	75-25-2	7	7	U		ug/kg	SW846 8260
Bromomethane	74-83-9	7	7	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	7	7	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	7	7	U		ug/kg	SW846 8260
Chloroethane	75-00-3	7	7	U		ug/kg	SW846 8260
Chloroform	67-66-3	7	7	U		ug/kg	SW846 8260
Chloromethane	74-87-3	7	7	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	7	7	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	7	7	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	7	7	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	7	7	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	7	7	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	7	7	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	7	7	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	7	7	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	7	7	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	7	7	U		ug/kg	SW846 8260
Naphthalene	91-20-3	7	7	U		ug/kg	SW846 8260
o-Xylene	95-47-6	7	7	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	7	7	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	7	7	U		ug/kg	SW846 8260
Styrene	100-42-5	7	7	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	7	7	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	7	7	U		ug/kg	SW846 8260
Toluene	108-88-3	7	7	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	7	7	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	7	7	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	7	7	U		ug/kg	SW846 8260

Location: SB114
Sample ID: 46SB150 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB150/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.7	0.19			mg/kg	SW846 6010
Barium	7440-39-3	13.1	0.14	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.09	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	2.4	0.09			mg/kg	SW846 6010
Lead	7439-92-1	0.94	0.15			mg/kg	SW846 6010
Mercury	7439-97-6	0.93	0.036			mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	330	330	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	330	330	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	330	330	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	330	330	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	330	330	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	330	330	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1600	1600	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	330	330	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	330	330	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	330	330	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1600	1600	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	330	330	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	330	330	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	330	330	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	330	330	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	330	330	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	330	330	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1600	1600	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	330	330	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	670	670	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1600	1600	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1600	1600	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	330	330	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	330	330	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	330	330	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	330	330	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	330	330	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1600	1600	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1600	1600	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	330	330	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	330	330	U		ug/kg	SW846 8270
Anthracene	120-12-7	330	330	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	330	330	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	330	330	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	330	330	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	330	330	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	330	330	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1600	1600	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	330	330	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	330	330	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	330	330	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	330	330	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	330	330	U		ug/kg	SW846 8270
Chrysene	218-01-9	330	330	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	60	330	J		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	330	330	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	330	330	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	330	330	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	330	330	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	330	330	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	330	330	U		ug/kg	SW846 8270

Location: SB114
Sample ID: 46SB150 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB150/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	330	330	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	330	330	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	330	330	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	330	330	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	330	330	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	330	330	U		ug/kg	SW846 8270
Isophorone	78-59-1	330	330	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	330	330	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	330	330	U		ug/kg	SW846 8270
Naphthalene	91-20-3	330	330	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	330	330	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1600	1600	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	330	330	U		ug/kg	SW846 8270
Phenol	108-95-2	330	330	U		ug/kg	SW846 8270
Pyrene	129-00-0	330	330	U		ug/kg	SW846 8270
Pyridine	110-86-1	330	330	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5.00	5.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U		ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U		ug/kg	SW846 8260
Acetone	67-64-1	5	5	U		ug/kg	SW846 8260
Benzene	71-43-2	5	5	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U		ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U		ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U		ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U		ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U		ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U		ug/kg	SW846 8260

Location: SB114
Sample ID: 46SB150 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB150/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	5	5	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	5	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U		ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U		ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U		ug/kg	SW846 8260
Styrene	100-42-5	5	5	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U		ug/kg	SW846 8260
Toluene	108-88-3	5	5	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U		ug/kg	SW846 8260

Location: SB114
Sample ID: 46SB151 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB151/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.5	0.21			mg/kg	SW846 6010
Barium	7440-39-3	34.7	0.15	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.06	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	5.7	0.09			mg/kg	SW846 6010
Lead	7439-92-1	4.1	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.040	0.040	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	0.26	0.26	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	380	380	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	380	380	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	750	750	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 827
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 827
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U		ug/kg	SW846 8270

Location: SB114
Sample ID: 46SB151 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB151/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-chloro-3-methylphenol	59-50-7	380	380	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	380	380	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U		ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	380	380	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U		ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	380	380	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U		ug/kg	SW846 8270
Fluorene	86-73-7	380	380	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	380	380	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	380	380	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	380	380	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U		ug/kg	SW846 8270
Isophorone	78-59-1	380	380	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U		ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	380	380	U		ug/kg	SW846 8270
Phenol	108-95-2	380	380	U		ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U		ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260

Location: SB114
Sample ID: 46SB151 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB151/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 826(
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB115
Sample ID: 46SB152 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB152/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.4	0.19			mg/kg	SW846 6010
Barium	7440-39-3	38.9	0.14	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.18	0.03	B	B	mg/kg	SW846 601
Chromium	7440-47-3	9.5	0.09			mg/kg	SW846 6010
Lead	7439-92-1	34.7	0.15			mg/kg	SW846 6010

Location: SB115
Sample ID: 46SB152 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB152/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Mercury	7439-97-6	0.037	0.037	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	1700	1700	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	1700	1700	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	1700	1700	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	1700	1700	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	1700	1700	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	1700	1700	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	8400	8400	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	1700	1700	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	1700	1700	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	1700	1700	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	8400	8400	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	1700	1700	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	1700	1700	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	1700	1700	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	1700	1700	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	1700	1700	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	1700	1700	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	8400	8400	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	1700	1700	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	3500	3500	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	8400	8400	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	8400	8400	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	1700	1700	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	1700	1700	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	1700	1700	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	1700	1700	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	1700	1700	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	8400	8400	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	8400	8400	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	1700	1700	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	1700	1700	U		ug/kg	SW846 8270
Anthracene	120-12-7	1700	1700	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	1700	1700	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	1700	1700	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	1700	1700	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	1700	1700	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	1700	1700	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	8400	8400	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	1700	1700	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	1700	1700	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	1700	1700	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	1700	1700	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	1700	1700	U		ug/kg	SW846 8270
Chrysene	218-01-9	1700	1700	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	1700	1700	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	1700	1700	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	1700	1700	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	1700	1700	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	1700	1700	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	1700	1700	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	1700	1700	U		ug/kg	SW846 8270
Fluorene	86-73-7	1700	1700	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	1700	1700	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	1700	1700	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	1700	1700	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	1700	1700	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	1700	1700	U		ug/kg	SW846 8270

Location: SB115
Sample ID: 46SB152 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB152/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Isophorone	78-59-1	1700	1700	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	1700	1700	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	1700	1700	U		ug/kg	SW846 8270
Naphthalene	91-20-3	1700	1700	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	1700	1700	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	8400	8400	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	1700	1700	U		ug/kg	SW846 8270
Phenol	108-95-2	1700	1700	U		ug/kg	SW846 8270
Pyrene	129-00-0	1700	1700	U		ug/kg	SW846 8270
Pyridine	110-86-1	1700	1700	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	54	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260

Location: SB115
Sample ID: 46SB152 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB152/10-28-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	2	6	J	J	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB115
Sample ID: 46SB153 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB153/10-28-98/2.0-4.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.8	0.22			mg/kg	SW846 6010
Barium	7440-39-3	72.3	0.16	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.16	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	6.7	0.10			mg/kg	SW846 6010
Lead	7439-92-1	4.9	0.17			mg/kg	SW846 6010
Mercury	7439-97-6	0.040	0.040	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.4	1.4	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	390	390	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	390	390	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	390	390	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	390	390	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	390	390	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	390	390	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	390	390	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	390	390	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	390	390	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	390	390	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	390	390	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	390	390	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	390	390	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	390	390	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	390	390	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	390	390	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	770	770	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	390	390	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	390	390	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	390	390	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	390	390	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	390	390	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U		ug/kg	SW846 8270

Location: SB115
Sample ID: 46SB153 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB153/10-28-98/2.0-4.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acenaphthene	83-32-9	390	390	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	390	390	U		ug/kg	SW846 8270
Anthracene	120-12-7	390	390	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	390	390	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	390	390	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	390	390	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	390	390	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	390	390	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	390	390	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	390	390	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	390	390	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	390	390	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	390	390	U		ug/kg	SW846 8270
Chrysene	218-01-9	390	390	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	390	390	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	390	390	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	390	390	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	390	390	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	390	390	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	390	390	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	390	390	U		ug/kg	SW846 8270
Fluorene	86-73-7	390	390	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	390	390	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	390	390	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	390	390	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	390	390	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	390	390	U		ug/kg	SW846 8270
Isophorone	78-59-1	390	390	U		ug/kg	SW846 82[illegible]
N-Nitroso-di-n-propylamine	621-64-7	390	390	U		ug/kg	SW846 827[illegible]
N-Nitrosodiphenylamine	86-30-6	390	390	U		ug/kg	SW846 8270
Naphthalene	91-20-3	390	390	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	390	390	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	390	390	U		ug/kg	SW846 8270
Phenol	108-95-2	390	390	U		ug/kg	SW846 8270
Pyrene	129-00-0	390	390	U		ug/kg	SW846 8270
Pyridine	110-86-1	390	390	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 82[illegible]
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 826[illegible]

Location: SB115
Sample ID: 46SB153 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB153/10-28-98/2.0-4.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB115
Sample ID: 46SB154 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB154/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.4	0.20			mg/kg	SW846 6010
Barium	7440-39-3	64.0	0.15	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.14	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	7.3	0.09			mg/kg	SW846 6010
Lead	7439-92-1	3.9	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.038	0.038	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	NU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U		ug/kg	SW846 8270

Location: SB115
Sample ID: 46SB154 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB154/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2,4-Trichlorobenzene	120-82-1	360	360	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	720	720	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U		ug/kg	SW846 827
Acenaphthylene	208-96-8	360	360	U		ug/kg	SW846 827
Anthracene	120-12-7	360	360	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	360	360	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	360	360	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U		ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	360	360	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U		ug/kg	SW846 8270
Fluorene	86-73-7	360	360	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U		ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U		ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U		ug/kg	SW846 82
Pentachlorophenol	87-86-5	1700	1700	U		ug/kg	SW846 82
Phenanthrene	85-01-8	360	360	U		ug/kg	SW846 8270

Location: SB115
Sample ID: 46SB154 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB154/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Phenol	108-95-2	360	360	U		ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U		ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1;2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260

Location: SB115
Sample ID: 46SB154 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB154/10-28-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB115
Sample ID: 46SB155 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB155/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	1.1	0.20	B	B	mg/kg	SW846 6010
Barium	7440-39-3	69.0	0.14	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.1	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	4.4	0.09			mg/kg	SW846 6010
Lead	7439-92-1	2.1	0.15			mg/kg	SW846 6010
Mercury	7439-97-6	0.038	0.038	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	340	340	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	340	340	U		ug/kg	SW846 82[illegible]
1,2-Dichlorobenzene	95-50-1	340	340	U		ug/kg	SW846 82[illegible]
1,3-Dichlorobenzene	541-73-1	340	340	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	340	340	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	340	340	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	340	340	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	340	340	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	340	340	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	340	340	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	340	340	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	340	340	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	340	340	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	340	340	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	340	340	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	340	340	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	690	690	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	340	340	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	340	340	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	340	340	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	340	340	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	340	340	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	340	340	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	340	340	U		ug/kg	SW846 8270
Anthracene	120-12-7	340	340	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	340	340	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	340	340	U		ug/kg	SW846 82[illegible]
Benzo(b)fluoranthene	205-99-2	340	340	U		ug/kg	SW846 82[illegible]
Benzo(g,h,i)perylene	191-24-2	340	340	U		ug/kg	SW846 8270

Location: SB115
Sample ID: 46SB155 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB155/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(k)fluoranthene	207-08-9	340	340	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	340	340	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	340	340	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	340	340	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	340	340	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	340	340	U		ug/kg	SW846 8270
Chrysene	218-01-9	340	340	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	340	340	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	340	340	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	340	340	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	340	340	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	340	340	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	340	340	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	340	340	U		ug/kg	SW846 8270
Fluorene	86-73-7	340	340	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	340	340	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	340	340	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	340	340	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	340	340	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	340	340	U		ug/kg	SW846 8270
Isophorone	78-59-1	340	340	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	340	340	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	340	340	U		ug/kg	SW846 8270
Naphthalene	91-20-3	340	340	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	340	340	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	340	340	U		ug/kg	SW846 8270
Phenol	108-95-2	340	340	U		ug/kg	SW846 8270
Pyrene	129-00-0	340	340	U		ug/kg	SW846 8270
Pyridine	110-86-1	340	340	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	2	6	J	J	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	10	6		U	ug/kg	SW846 8260

Location: SB115
Sample ID: 46SB155 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB155/10-28-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 82[illegible]
Toluene	108-88-3	2	6	J	J	ug/kg	SW846 82[illegible]
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB115
Sample ID: 46SB156 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB156/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	8.4	0.22			mg/kg	SW846 6010
Barium	7440-39-3	39.3	0.16	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.09	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	3.7	0.10			mg/kg	SW846 6010
Lead	7439-92-1	4.5	0.17			mg/kg	SW846 6010
Mercury	7439-97-6	0.042	0.042	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.3	1.3	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.15	0.15	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U		ug/kg	SW846 82[illegible]
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U		ug/kg	SW846 8[illegible]
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 82[illegible]
2,4,6-Trichlorophenol	88-06-2	380	380	U		ug/kg	SW846 8270

Location: SB115
Sample ID: 46SB156 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB156/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,4-Dichlorophenol	120-83-2	380	380	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	770	770	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	380	380	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	380	380	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U		ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	380	380	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U		ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	380	380	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U		ug/kg	SW846 8270
Fluorene	86-73-7	380	380	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	380	380	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	380	380	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	380	380	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U		ug/kg	SW846 8270
Isophorone	78-59-1	380	380	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U		ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	380	380	U		ug/kg	SW846 8270
Phenol	108-95-2	380	380	U		ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U		ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260

Location: SB115
Sample ID: 46SB156 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB156/10-28-98/8.0-10.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	3	6	J		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 826
Benzene	71-43-2	6	6	U		ug/kg	SW846 826
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	2	6	J		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	1	6	J		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 826

Location: SB115
Sample ID: ER103 **Depth:** NA
COE Sample ID: FH046-ER103/10-28-98
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.0	5.0	U		ug/l	SW846 6010
Barium	7440-39-3	1.0	1.0	U		ug/l	SW846 6010
Cadmium	7440-43-9	1.0	1.0	U		ug/l	SW846 6010
Chromium	7440-47-3	1.0	1.0	U		ug/l	SW846 6010
Lead	7439-92-1	2.0	2.0	U		ug/l	SW846 6010
Mercury	7439-97-6	0.10	0.10	U		ug/l	SW846 7470
Selenium	7782-49-2	2.0	2.0	UW		ug/l	SW846 6010
Silver	7440-22-4	3.0	3.0	U		ug/l	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	10	10	U		ug/l	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	10	10	U		ug/l	SW846 8270
1,2-Dichlorobenzene	95-50-1	10	10	U		ug/l	SW846 8270
1,3-Dichlorobenzene	541-73-1	10	10	U		ug/l	SW846 8270
1,4-Dichlorobenzene	106-46-7	10	10	U		ug/l	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	10	10	U		ug/l	SW846 8270
2,4,5-Trichlorophenol	95-95-4	50	50	U		ug/l	SW846 8270
2,4,6-Trichlorophenol	88-06-2	10	10	U		ug/l	SW846 8270
2,4-Dichlorophenol	120-83-2	10	10	U		ug/l	SW846 8270
2,4-Dimethylphenol	105-67-9	10	10	U		ug/l	SW846 8270
2,4-Dinitrophenol	51-28-5	50	50	U		ug/l	SW846 8270
2,4-Dinitrotoluene	121-14-2	10	10	U		ug/l	SW846 8270
2,6-Dinitrotoluene	606-20-2	10	10	U		ug/l	SW846 8270
2-Chloronaphthalene	91-58-7	10	10	U		ug/l	SW846 8270
2-Chlorophenol	95-57-8	10	10	U		ug/l	SW846 8270
2-Methylnaphthalene	91-57-6	10	10	U		ug/l	SW846 8270
2-Methylphenol	95-48-7	10	10	U		ug/l	SW846 8270
2-Nitroaniline	88-74-4	50	50	U		ug/l	SW846 8270
2-Nitrophenol	88-75-5	10	10	U		ug/l	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	20	20	U		ug/l	SW846 8270
3-Nitroaniline	99-09-2	50	50	U		ug/l	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	50	50	U		ug/l	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	10	10	U		ug/l	SW846 8270
4-chloro-3-methylphenol	59-50-7	10	10	U		ug/l	SW846 8270
4-Chloroaniline	106-47-8	10	10	U		ug/l	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	10	10	U		ug/l	SW846 8270
4-Methylphenol	106-44-5	10	10	U		ug/l	SW846 8270
4-Nitroaniline	100-01-6	50	50	U		ug/l	SW846 8270
4-Nitrophenol	100-02-7	50	50	U		ug/l	SW846 8270
Acenaphthene	83-32-9	10	10	U		ug/l	SW846 8270
Acenaphthylene	208-96-8	10	10	U		ug/l	SW846 8270
Anthracene	120-12-7	10	10	U		ug/l	SW846 8270
Benzo(a)anthracene	56-55-3	10	10	U		ug/l	SW846 8270
Benzo(a)pyrene	50-32-8	10	10	U		ug/l	SW846 8270
Benzo(b)fluoranthene	205-99-2	10	10	U		ug/l	SW846 8270
Benzo(g,h,i)perylene	191-24-2	10	10	U		ug/l	SW846 8270
Benzo(k)fluoranthene	207-08-9	10	10	U		ug/l	SW846 8270
Benzoic Acid	65-85-0	7	50	J		ug/l	SW846 8270
Benzyl Alcohol	100-51-6	10	10	U		ug/l	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	10	10	U		ug/l	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	10	10	U		ug/l	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	10	10	U		ug/l	SW846 8270
Butyl Benzyl Phthalate	85-68-7	10	10	U		ug/l	SW846 8270
Chrysene	218-01-9	10	10	U		ug/l	SW846 8270
Di-n-butyl Phthalate	84-74-2	10	10	U		ug/l	SW846 8270
Di-n-octyl Phthalate	117-84-0	10	10	U		ug/l	SW846 8270
Dibenz(a,h)anthracene	53-70-3	10	10	U		ug/l	SW846 8270
Dibenzofuran	132-64-9	10	10	U		ug/l	SW846 8270
Diethyl Phthalate	84-66-2	3	10	J		ug/l	SW846 8270
Dimethyl Phthalate	131-11-3	10	10	U		ug/l	SW846 8270
Fluoranthene	206-44-0	10	10	U		ug/l	SW846 8270

Location: SB115
Sample ID: ER103 **Depth:** NA
COE Sample ID: FH046-ER103/10-28-98
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	10	10	U		ug/l	SW846 8270
Hexachlorobenzene	118-74-1	10	10	U		ug/l	SW846 8270
Hexachlorobutadiene	87-68-3	10	10	U		ug/l	SW846 8270
Hexachlorocyclopentadiene	77-47-4	10	10	U		ug/l	SW846 8270
Hexachloroethane	67-72-1	10	10	U		ug/l	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	10	10	U		ug/l	SW846 8270
Isophorone	78-59-1	10	10	U		ug/l	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	10	10	U		ug/l	SW846 8270
N-Nitrosodiphenylamine	86-30-6	10	10	U		ug/l	SW846 8270
Naphthalene	91-20-3	10	10	U		ug/l	SW846 8270
Nitrobenzene	98-95-3	10	10	U		ug/l	SW846 8270
Pentachlorophenol	87-86-5	50	50	U		ug/l	SW846 8270
Phenanthrene	85-01-8	10	10	U		ug/l	SW846 8270
Phenol	108-95-2	10	10	U		ug/l	SW846 8270
Pyrene	129-00-0	10	10	U		ug/l	SW846 8270
Pyridine	110-86-1	10	10	U		ug/l	SW846 8270
VOLATILE ORGANICS							
[illegible]hloroethane	630-20-6	5	5	U		ug/l	SW846 8260
[illegible]roethane	71-55-6	5	5	U		ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U		ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U		ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U		ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U		ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U		ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U		ug/l	SW846 826
1,2,4-trimethylbenzene	95-63-6	5	5	U		ug/l	SW846 826[illegible]
1,2-cis-Dichloroethene	156-59-2	5	5	U		ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U		ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U		ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U		ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U		ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U		ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U		ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U		ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U		ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U		ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U		ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U		ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U		ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U		ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U		ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U		ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U		ug/l	SW846 8260
Acetone	67-64-1	47	5			ug/l	SW846 8260
Benzene	71-43-2	5	5	U		ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U		ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U		ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U		ug/l	SW846 8260
Bromoform	75-25-2	5	5	U		ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U		ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U		ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U		ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U		ug/l	SW846 8260
Chloroform	67-66-3	5	5	U		ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U		ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U		ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U		ug/l	SW846 826[illegible]
Dichlorodifluoromethane	75-71-8	5	5	U		ug/l	SW846 82[illegible]
Ethylbenzene	100-41-4	5	5	U		ug/l	SW846 8260

Location: SB115
Sample ID: ER103 **Depth:** NA
COE Sample ID: FH046-ER103/10-28-98
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	5	5	U		ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U		ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U		ug/l	SW846 8260
Methylene Chloride	75-09-2	5	5	U		ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U		ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U		ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U		ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U		ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U		ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U		ug/l	SW846 8260
Styrene	100-42-5	5	5	U		ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U		ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U		ug/l	SW846 8260
Toluene	108-88-3	5	5	U		ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U		ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U		ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U		ug/l	SW846 8260

Location: SB116
Sample ID: 46SB157 **Depth:** 8.0-10.2
COE Sample ID: FH046-SB157/10-28-98/8.0-10.25
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.1	0.21			mg/kg	SW846 6010
Barium	7440-39-3	25.5	0.15	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.14	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	3.8	0.09			mg/kg	SW846 6010
Lead	7439-92-1	3.0	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.037	0.037	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.3	1.3	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	370	370	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	370	370	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	370	370	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	370	370	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	370	370	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	370	370	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	370	370	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	370	370	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	370	370	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	370	370	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	370	370	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	370	370	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	370	370	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	370	370	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	370	370	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	370	370	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	730	730	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 8270

Location: SB116
Sample ID: 46SB157 **Depth:** 8.0-10.2
COE Sample ID: FH046-SB157/10-28-98/8.0-10.25
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Bromophenyl-phenyl Ether	101-55-3	370	370	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	370	370	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	370	370	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	370	370	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	370	370	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	370	370	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	370	370	U		ug/kg	SW846 8270
Anthracene	120-12-7	370	370	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	370	370	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	370	370	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	370	370	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	370	370	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	370	370	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	370	370	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	370	370	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	370	370	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	370	370	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	370	370	U		ug/kg	SW846 8270
Chrysene	218-01-9	370	370	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	370	370	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	370	370	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	370	370	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	370	370	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	370	370	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	370	370	U		ug/kg	SW846 827
Fluoranthene	206-44-0	370	370	U		ug/kg	SW846 827
Fluorene	86-73-7	370	370	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	370	370	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	370	370	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	370	370	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	370	370	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	370	370	U		ug/kg	SW846 8270
Isophorone	78-59-1	63	370	J		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	370	370	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	370	370	U		ug/kg	SW846 8270
Naphthalene	91-20-3	370	370	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	370	370	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	370	370	U		ug/kg	SW846 8270
Phenol	108-95-2	370	370	U		ug/kg	SW846 8270
Pyrene	129-00-0	370	370	U		ug/kg	SW846 8270
Pyridine	110-86-1	370	370	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 82
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 82
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260

Location: SB116
Sample ID: 46SB157 **Depth:** 8.0-10.2
COE Sample ID: FH046-SB157/10-28-98/8.0-10.25
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloroethane	107-06-2	6.00	6.00	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	35	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6			ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	6	J	J	ug/kg	SW846 8260
n-propylbenzene	103-65-1	14	6			ug/kg	SW846 8260
Naphthalene	91-20-3	27	6			ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	13	6			ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	15	6			ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB158 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB158/10-29-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.0	0.19			mg/kg	SW846 6010
Barium	7440-39-3	25.4	0.14	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.11	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	5.1	0.09			mg/kg	SW846 6010

Location: SB117
Sample ID: 46SB158 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB158/10-29-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Lead	7439-92-1	4.8	0.15			mg/kg	SW846 6010
Mercury	7439-97-6	0.040	0.040	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.1	1.1	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	340	340	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	340	340	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	340	340	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	340	340	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	340	340	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	340	340	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	340	340	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	340	340	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	340	340	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	340	340	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	340	340	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	340	340	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	340	340	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	340	340	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	340	340	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	340	340	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	690	690	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U		ug/kg	SW846 82
4-Bromophenyl-phenyl Ether	101-55-3	340	340	U		ug/kg	SW846 82
4-chloro-3-methylphenol	59-50-7	340	340	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	340	340	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	340	340	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	340	340	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	340	340	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	340	340	U		ug/kg	SW846 8270
Anthracene	120-12-7	340	340	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	340	340	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	340	340	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	340	340	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	340	340	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	340	340	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	340	340	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	340	340	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	340	340	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	340	340	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	340	340	U		ug/kg	SW846 8270
Chrysene	218-01-9	340	340	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	340	340	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	340	340	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	340	340	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	340	340	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	340	340	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	340	340	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	340	340	U		ug/kg	SW846 8270
Fluorene	86-73-7	340	340	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	340	340	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	340	340	U		ug/kg	SW846 82
Hexachlorocyclopentadiene	77-47-4	340	340	U		ug/kg	SW846 82
Hexachloroethane	67-72-1	340	340	U		ug/kg	SW846 8270

Location: SB117
Sample ID: 46SB158 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB158/10-29-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Indeno(1,2,3-cd)pyrene	193-39-5	340	340	U		ug/kg	SW846 8270
Isophorone	78-59-1	340	340	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	340	340	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	340	340	U		ug/kg	SW846 8270
Naphthalene	91-20-3	340	340	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	340	340	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	340	340	U		ug/kg	SW846 8270
Phenol	108-95-2	340	340	U		ug/kg	SW846 8270
Pyrene	129-00-0	340	340	U		ug/kg	SW846 8270
Pyridine	110-86-1	340	340	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5.00	5.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U		ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U		ug/kg	SW846 8260
Acetone	67-64-1	5	5	U		ug/kg	SW846 8260
Benzene	71-43-2	5	5	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U		ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U		ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U		ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U		ug/kg	SW846 8260
Chloroform	67-66-3	2	5	J		ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	5	5	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U		ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB158 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB158/10-29-98/0.0-2.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
n-propylbenzene	103-65-1	5	5	U		ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U		ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U		ug/kg	SW846 8260
Styrene	100-42-5	5	5	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U		ug/kg	SW846 8260
Toluene	108-88-3	5	5	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U		ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB160 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB160/10-29-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.4	0.20			mg/kg	SW846 6010
Barium	7440-39-3	42.4	0.14	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.13	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	6.0	0.09			mg/kg	SW846 601
Lead	7439-92-1	3.6	0.16			mg/kg	SW846 601
Mercury	7439-97-6	0.037	0.037	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	NU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	380	380	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	380	380	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	750	750	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	380	380	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U		ug/kg	SW846 82[illegible]
4-Methylphenol	106-44-5	380	380	U		ug/kg	SW846 82[illegible]
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 8270

Location: SB117
Sample ID: 46SB160 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB160/10-29-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U		ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	380	380	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U		ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	380	380	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U		ug/kg	SW846 8270
Fluorene	86-73-7	380	380	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	380	380	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	380	380	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	380	380	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U		ug/kg	SW846 8270
Isophorone	78-59-1	380	380	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U		ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	380	380	U		ug/kg	SW846 8270
Phenol	108-95-2	380	380	U		ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U		ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB160 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB160/10-29-98/4.0-6.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
[illegible]bromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
[illegible]difluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
[illegible]ene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 82[illegible]
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 826[illegible]
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	2	6	J		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB159 **Depth:** 2.0-3.5
COE Sample ID: FH046-SB159/10-29-98/2.0-3.5
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.8	0.20			mg/kg	SW846 6010
Barium	7440-39-3	61.7	0.15	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.17	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	8.9	0.09			mg/kg	SW846 6010
Lead	7439-92-1	4.8	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.036	0.036	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	NU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 601[illegible]

Location: SB117
Sample ID: 46SB159 **Depth:** 2.0-3.5
COE Sample ID: FH046-SB159/10-29-98/2.0-3.5
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	360	360	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	720	720	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U		ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	360	360	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	360	360	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U		ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	360	360	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U		ug/kg	SW846 8270
Fluorene	86-73-7	360	360	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U		ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U		ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U		ug/kg	SW846 8270

Location: SB117
Sample ID: 46SB159 **Depth:** 2.0-3.5
COE Sample ID: FH046-SB159/10-29-98/2.0-3.5
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Pentachlorophenol	87-86-5	1700	1700	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	360	360	U		ug/kg	SW846 8270
Phenol	108-95-2	360	360	U		ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U		ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 82(
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 82(
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 826(
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 82
Styrene	100-42-5	6	6	U		ug/kg	SW846 826

Location: SB117
Sample ID: 46SB159 **Depth:** 2.0-3.5
COE Sample ID: FH046-SB159/10-29-98/2.0-3.5
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB161 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB161/10-29-98/6.0-8.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.1	0.21			mg/kg	SW846 6010
Barium	7440-39-3	47.8	0.15	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.21	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	12.8	0.09			mg/kg	SW846 6010
Lead	7439-92-1	13.5	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.037	0.037	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.3	1.3	NU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	380	380	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	380	380	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	760	760	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	380	380	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	380	380	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U		ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U		ug/kg	SW846 8270

Location: SB117
Sample ID: 46SB161 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB161/10-29-98/6.0-8.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(b)fluoranthene	205-99-2	380	380	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U		ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	380	380	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U		ug/kg	SW846 8270
Fluorene	86-73-7	380	380	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	380	380	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	380	380	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	380	380	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U		ug/kg	SW846 8270
Isophorone	78-59-1	380	380	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U		ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U		ug/kg	SW846 8[illegible]
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8[illegible]
Phenanthrene	85-01-8	380	380	U		ug/kg	SW846 8270
Phenol	108-95-2	380	380	U		ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U		ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8[illegible]
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8[illegible]
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB161 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB161/10-29-98/6.0-8.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB162 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB162/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.0	0.21			mg/kg	SW846 6010
Barium	7440-39-3	31.9	0.15	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.13	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	3.8	0.09			mg/kg	SW846 6010
Lead	7439-92-1	2.0	0.17			mg/kg	SW846 6010
Mercury	7439-97-6	0.038	0.038	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	360	360	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U		ug/kg	SW846 8270

Location: SB117
Sample ID: 46SB162 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB162/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	730	730	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U		ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U		ug/kg	SW846 827
Benzo(b)fluoranthene	205-99-2	360	360	U		ug/kg	SW846 827
Benzo(g,h,i)perylene	191-24-2	360	360	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U		ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	360	360	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U		ug/kg	SW846 8270
Fluorene	86-73-7	360	360	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U		ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U		ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	360	360	U		ug/kg	SW846 8270
Phenol	108-95-2	360	360	U		ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U		ug/kg	SW846 827
Pyridine	110-86-1	360	360	U		ug/kg	SW846 82

Location: SB117
Sample ID: 46SB162 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB162/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	10	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB163 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB163/10-29-98/10.0-11.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	8.7	0.20			mg/kg	SW846 6010
Barium	7440-39-3	35.9	0.14	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.09	0.03	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	4.2	0.09			mg/kg	SW846 6010
Lead	7439-92-1	4.4	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.035	0.035	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	350	350	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	350	350	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	350	350	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	350	350	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	350	350	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	350	350	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	350	350	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	350	350	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	350	350	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	350	350	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	350	350	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	350	350	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	350	350	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	350	350	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	350	350	U		ug/kg	SW846 827
2-Nitroaniline	88-74-4	1700	1700	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	350	350	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	700	700	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	350	350	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	350	350	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	350	350	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	350	350	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	350	350	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	350	350	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	350	350	U		ug/kg	SW846 8270
Anthracene	120-12-7	350	350	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	350	350	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	350	350	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	350	350	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	350	350	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	350	350	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	350	350	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	350	350	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	350	350	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	350	350	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	350	350	U		ug/kg	SW846 8270
Chrysene	218-01-9	350	350	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	350	350	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	350	350	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	350	350	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	350	350	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	350	350	U		ug/kg	SW846 827
Dimethyl Phthalate	131-11-3	350	350	U		ug/kg	SW846 827
Fluoranthene	206-44-0	350	350	U		ug/kg	SW846 8270

Location: SB117
Sample ID: 46SB163 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB163/10-29-98/10.0-11.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	350	350	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	350	350	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	350	350	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	350	350	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	350	350	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	350	350	U		ug/kg	SW846 8270
Isophorone	78-59-1	350	350	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	350	350	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	350	350	U		ug/kg	SW846 8270
Naphthalene	91-20-3	350	350	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	350	350	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	350	350	U		ug/kg	SW846 8270
Phenol	108-95-2	350	350	U		ug/kg	SW846 8270
Pyrene	129-00-0	350	350	U		ug/kg	SW846 8270
Pyridine	110-86-1	350	350	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260

Location: SB117
Sample ID: 46SB163 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB163/10-29-98/10.0-11.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB167 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB167/10-29-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	8.3	0.22			mg/kg	SW846 6010
Barium	7440-39-3	280	0.16	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.24	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	14.4	0.10			mg/kg	SW846 6010
Lead	7439-92-1	13.1	0.17			mg/kg	SW846 6010
Mercury	7439-97-6	0.041	0.041	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.4	1.4	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.15	0.15	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	370	370	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	370	370	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	370	370	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	370	370	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	370	370	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	370	370	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	370	370	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	370	370	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	370	370	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	370	370	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	370	370	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	370	370	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	370	370	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	370	370	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	370	370	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	370	370	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	740	740	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 827
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 8270

Location: SB118
Sample ID: 46SB167 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB167/10-29-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Bromophenyl-phenyl Ether	101-55-3	370	370	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	370	370	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	370	370	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	370	370	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	370	370	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	370	370	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	370	370	U		ug/kg	SW846 8270
Anthracene	120-12-7	370	370	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	370	370	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	370	370	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	370	370	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	370	370	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	370	370	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	370	370	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	370	370	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	370	370	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	370	370	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	370	370	U		ug/kg	SW846 8270
Chrysene	218-01-9	370	370	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	370	370	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	370	370	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	370	370	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	370	370	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	370	370	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	370	370	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	370	370	U		ug/kg	SW846 8270
Fluorene	86-73-7	370	370	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	370	370	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	370	370	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	370	370	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	370	370	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	370	370	U		ug/kg	SW846 8270
Isophorone	78-59-1	370	370	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	370	370	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	370	370	U		ug/kg	SW846 8270
Naphthalene	91-20-3	370	370	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	370	370	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	370	370	U		ug/kg	SW846 8270
Phenol	108-95-2	370	370	U		ug/kg	SW846 8270
Pyrene	129-00-0	370	370	U		ug/kg	SW846 8270
Pyridine	110-86-1	370	370	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB167 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB167/10-29-98/6.0-8.0
Date Collected: 10/28/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	2	6	J		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB164 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB164/10-29-98/0.0-2.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.2	0.20			mg/kg	SW846 6010
Barium	7440-39-3	26.6	0.15	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.12	0.03	B	B	mg/kg	SW846 601
Chromium	7440-47-3	5.6	0.09			mg/kg	SW846 601

Location: SB118
Sample ID: 46SB164 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB164/10-29-98/0.0-2.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Lead	7439-92-1	3.4	0.16			mg/kg	SW846 6010
Mercury	7439-97-6	0.038	0.038	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	360	360	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	360	360	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	730	730	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	360	360	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U		ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	360	360	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	360	360	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	360	360	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U		ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	360	360	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	360	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U		ug/kg	SW846 8270
Fluorene	86-73-7	360	360	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U		ug/kg	SW846 8270

Location: SB118
Sample ID: 46SB164 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB164/10-29-98/0.0-2.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U		ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U		ug/kg	SW846 8270
Naphthalene	91-20-3	360	360	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	360	360	U		ug/kg	SW846 8270
Phenol	108-95-2	360	360	U		ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U		ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 826
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 826
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	1	6	J		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 82
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 82
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB164 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB164/10-29-98/0.0-2.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB165 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB165/10-29-98/2.0-4.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.4	0.22			mg/kg	SW846 6010
Barium	7440-39-3	55.6	0.16	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.22	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	6.4	0.10			mg/kg	SW846 6010
Lead	7439-92-1	4.7	0.17			mg/kg	SW846 6010
Mercury	7439-97-6	0.041	0.041	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.3	1.3	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	380	380	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	380	380	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	380	380	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	380	380	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	380	380	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	380	380	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	380	380	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	380	380	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	380	380	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	380	380	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	380	380	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	380	380	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	380	380	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	380	380	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	380	380	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	380	380	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	770	770	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	380	380	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	380	380	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	380	380	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	380	380	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	380	380	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U		ug/kg	SW846 8270

Location: SB118
Sample ID: 46SB165 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB165/10-29-98/2.0-4.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Nitrophenol	100-02-7	1900	1900	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	380	380	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	380	380	U		ug/kg	SW846 8270
Anthracene	120-12-7	380	380	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	380	380	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	380	380	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	380	380	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	380	380	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	380	380	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	380	380	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	380	380	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	380	380	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	380	380	U		ug/kg	SW846 8270
Chrysene	218-01-9	380	380	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	380	380	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	380	380	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	380	380	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	380	380	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	380	380	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	380	380	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	380	380	U		ug/kg	SW846 8270
Fluorene	86-73-7	380	380	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	380	380	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	380	380	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	380	380	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	380	380	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	380	380	U		ug/kg	SW846 8270
Isophorone	78-59-1	380	380	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	380	380	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	380	380	U		ug/kg	SW846 8270
Naphthalene	91-20-3	380	380	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	380	380	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	380	380	U		ug/kg	SW846 8270
Phenol	108-95-2	380	380	U		ug/kg	SW846 8270
Pyrene	129-00-0	380	380	U		ug/kg	SW846 8270
Pyridine	110-86-1	380	380	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB165 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB165/10-29-98/2.0-4.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB166 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB166/10-29-98/4.0-6.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	6.2	0.22			mg/kg	SW846 6010
Barium	7440-39-3	83.9	0.16	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.25	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	10.6	0.10			mg/kg	SW846 6010
Lead	7439-92-1	9.0	0.17			mg/kg	SW846 6010
Mercury	7439-97-6	0.039	0.039	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.3	1.3	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.15	0.15	U	U	mg/kg	SW846 6010

Location: SB118
Sample ID: 46SB166 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB166/10-29-98/4.0-6.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	400	400	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2000	2000	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2000	2000	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2000	2000	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	400	400	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	810	810	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2000	2000	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2000	2000	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	400	400	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2000	2000	U		ug/kg	SW846 827
4-Nitrophenol	100-02-7	2000	2000	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	400	400	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U		ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	400	400	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	400	400	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	400	400	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	2000	2000	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U		ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	400	400	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	400	400	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	400	400	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	400	400	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	400	400	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	400	400	U		ug/kg	SW846 8270
Fluorene	86-73-7	400	400	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	400	400	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	400	400	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U		ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	400	400	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	400	400	U		ug/kg	SW846 82
Naphthalene	91-20-3	400	400	U		ug/kg	SW846 827
Nitrobenzene	98-95-3	400	400	U		ug/kg	SW846 8270

Location: SB118
Sample ID: 46SB166 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB166/10-29-98/4.0-6.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Pentachlorophenol	87-86-5	2000	2000	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U		ug/kg	SW846 8270
Phenol	108-95-2	400	400	U		ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U		ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB166 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB166/10-29-98/4.0-6.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	2	6	J		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB168 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB168/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.2	0.22			mg/kg	SW846 6010
Barium	7440-39-3	24.6	0.16	E	J	mg/kg	SW846 6010
Cadmium	7440-43-9	0.11	0.04	B	B	mg/kg	SW846 6010
Chromium	7440-47-3	4.1	0.10			mg/kg	SW846 6010
Lead	7439-92-1	1.5	0.17			mg/kg	SW846 6010
Mercury	7439-97-6	0.041	0.041	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.4	1.4	WNB	J	mg/kg	SW846 6010
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	400	400	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2000	2000	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2000	2000	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2000	2000	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	400	400	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	810	810	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2000	2000	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2000	2000	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	400	400	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2000	2000	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	2000	2000	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	400	400	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U		ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U		ug/kg	SW846 827
Benzo(a)anthracene	56-55-3	400	400	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U		ug/kg	SW846 8270

Location: SB118
Sample ID: 46SB168 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB168/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(b)fluoranthene	205-99-2	400	400	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	400	400	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	2000	2000	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U		ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	400	400	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	400	400	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	400	400	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	400	400	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	400	400	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	400	400	U		ug/kg	SW846 8270
Fluorene	86-73-7	400	400	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	400	400	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	400	400	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U		ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	400	400	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	400	400	U		ug/kg	SW846 8270
Naphthalene	91-20-3	400	400	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	400	400	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2000	2000	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U		ug/kg	SW846 8270
Phenol	108-95-2	400	400	U		ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U		ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6.00	6.00	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB168 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB168/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 82[illegible]
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 82[illegible]
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB118
Sample ID: 46SB169 **Depth:** 10.0-11.7
COE Sample ID: FH046-SB169/10-29-98/10.0-11.7
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	13.4	0.60			mg/kg	SW846 6010
Barium	7440-39-3	40.7	0.12			mg/kg	SW846 6010
Cadmium	7440-43-9	0.29	0.12			mg/kg	SW846 6010
Chromium	7440-47-3	9.3	0.12			mg/kg	SW846 6010
Lead	7439-92-1	6.6	0.24	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	0.24	0.24	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.36	0.36	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U		ug/kg	SW846 82[illegible]
1,4-Dichlorobenzene	106-46-7	400	400	U		ug/kg	SW846 82[illegible]
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U		ug/kg	SW846 8270

Location: SB118
Sample ID: 46SB169 **Depth:** 10.0-11.7
COE Sample ID: FH046-SB169/10-29-98/10.0-11.7
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,4,5-Trichlorophenol	95-95-4	1900	1900	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	400	400	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	800	800	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	400	400	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	400	400	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U		ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	400	400	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	400	400	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	400	400	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U		ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	400	400	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	400	400	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	400	400	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	400	400	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	400	400	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	400	400	U		ug/kg	SW846 8270
Fluorene	86-73-7	400	400	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	400	400	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	400	400	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U		ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	400	400	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	400	400	U		ug/kg	SW846 8270
Naphthalene	91-20-3	400	400	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	400	400	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U		ug/kg	SW846 8270
Phenol	108-95-2	400	400	U		ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U		ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U		ug/kg	SW846 8270

Location: SB118
Sample ID: 46SB169 **Depth:** 10.0-11.7
COE Sample ID: FH046-SB169/10-29-98/10.0-11.7
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 826
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 82
Acetone	67-64-1	35	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	80	6			ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 826
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 82
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 826

Location: SB119
Sample ID: 46SB170 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB170/10-29-98/0.0-2.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	6.3	0.60			mg/kg	SW846 6010
Barium	7440-39-3	70.0	0.12			mg/kg	SW846 6010
Cadmium	7440-43-9	0.36	0.12			mg/kg	SW846 6010
Chromium	7440-47-3	11.8	0.12			mg/kg	SW846 6010
Lead	7439-92-1	25.1	0.24	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	0.33	0.24	EN	J	mg/kg	SW846 6010
Silver	7440-22-4	0.36	0.36	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	390	390	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	390	390	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	390	390	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	390	390	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	390	390	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	390	390	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	390	390	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	390	390	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	390	390	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	390	390	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	390	390	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	390	390	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	390	390	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	390	390	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	390	390	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	390	390	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	780	780	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	390	390	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	390	390	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	390	390	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	390	390	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	390	390	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	390	390	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	390	390	U		ug/kg	SW846 8270
Anthracene	120-12-7	390	390	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	390	390	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	390	390	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	390	390	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	390	390	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	390	390	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	390	390	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	390	390	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	390	390	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	390	390	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	390	390	U		ug/kg	SW846 8270
Chrysene	218-01-9	390	390	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	390	390	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	390	390	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	390	390	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	390	390	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	390	390	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	390	390	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	390	390	U		ug/kg	SW846 8270

Location: SB119
Sample ID: 46SB170 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB170/10-29-98/0.0-2.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	390	390	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	390	390	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	390	390	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	390	390	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	390	390	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	390	390	U		ug/kg	SW846 8270
Isophorone	78-59-1	390	390	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	390	390	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	390	390	U		ug/kg	SW846 8270
Naphthalene	91-20-3	390	390	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	390	390	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	390	390	U		ug/kg	SW846 8270
Phenol	108-95-2	390	390	U		ug/kg	SW846 8270
Pyrene	129-00-0	390	390	U		ug/kg	SW846 8270
Pyridine	110-86-1	390	390	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 826
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 826
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
[illegible]	108-67-8	6	6	U		ug/kg	SW846 8260
[illegible]	541-73-1	6	6	U		ug/kg	SW846 8260
[illegible]	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-D[illegible]benzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 82
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 826

Location: SB119
Sample ID: 46SB170 **Depth:** 0.0-2.0
COE Sample ID: FH046-SB170/10-29-98/0.0-2.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	4	6	J		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB119
Sample ID: 46SB171 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB171/10-29-98/2.0-4.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	6.7	0.65			mg/kg	SW846 6010
Barium	7440-39-3	151	0.13			mg/kg	SW846 6010
Cadmium	7440-43-9	0.4	0.13			mg/kg	SW846 6010
Chromium	7440-47-3	16.2	0.13			mg/kg	SW846 6010
Lead	7439-92-1	16.4	0.26	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	0.26	0.26	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.39	0.39	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	400	400	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2000	2000	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2000	2000	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2000	2000	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	400	400	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	810	810	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2000	2000	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2000	2000	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U		ug/kg	SW846 8270

Location: SB119
Sample ID: 46SB171 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB171/10-29-98/2.0-4.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-chloro-3-methylphenol	59-50-7	400	400	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2000	2000	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	2000	2000	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	400	400	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U		ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	400	400	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	400	400	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	400	400	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	2000	2000	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U		ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	400	400	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	400	400	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	400	400	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	400	400	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	400	400	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	400	400	U		ug/kg	SW846 8270
Fluorene	86-73-7	400	400	U		ug/kg	SW846 82
Hexachlorobenzene	118-74-1	400	400	U		ug/kg	SW846 82
Hexachlorobutadiene	87-68-3	400	400	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U		ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	400	400	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	400	400	U		ug/kg	SW846 8270
Naphthalene	91-20-3	400	400	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	400	400	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2000	2000	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U		ug/kg	SW846 8270
Phenol	108-95-2	400	400	U		ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U		ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	7	7	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	7	7	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	7	7	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	7	7	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	7	7	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	7	7	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	7	7	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	7	7	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	7	7	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	7	7	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	7	7	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	7	7	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	7	7	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	7	7	U		ug/kg	SW846 826
1,2-Dichlorobenzene	95-50-1	7	7	U		ug/kg	SW846 82
1,2-Dichloroethane	107-06-2	7	7	U		ug/kg	SW846 826

Location: SB119
Sample ID: 46SB171 **Depth:** 2.0-4.0
COE Sample ID: FH046-SB171/10-29-98/2.0-4.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloropropane	78-87-5	7	7	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	7	7	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	7	7	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	7	7	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	7	7	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	7	7	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	7	7	U		ug/kg	SW846 8260
2-Butanone	78-93-3	7	7	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	7	7	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	7	7	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	7	7	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	7	7	U		ug/kg	SW846 8260
Acetone	67-64-1	7	7	U		ug/kg	SW846 8260
Benzene	71-43-2	7	7	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	7	7	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	7	7	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	7	7	U		ug/kg	SW846 8260
Bromoform	75-25-2	7	7	U		ug/kg	SW846 8260
Bromomethane	74-83-9	7	7	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	7	7	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	7	7	U		ug/kg	SW846 8260
Chloroethane	75-00-3	7	7	U		ug/kg	SW846 8260
Chloroform	67-66-3	7	7	U		ug/kg	SW846 8260
Chloromethane	74-87-3	7	7	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	7	7	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	7	7	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	7	7	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	7	7	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	7	7	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	7	7	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	7	7	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	7	7	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	7	7	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	7	7	U		ug/kg	SW846 8260
Naphthalene	91-20-3	7	7	U		ug/kg	SW846 8260
o-Xylene	95-47-6	7	7	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	7	7	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	7	7	U		ug/kg	SW846 8260
Styrene	100-42-5	7	7	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	7	7	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	7	7	U		ug/kg	SW846 8260
Toluene	108-88-3	7	7	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	7	7	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	7	7	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	7	7	U		ug/kg	SW846 8260

Location: SB119
Sample ID: 46SB172 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB172/10-29-98/4.0-6.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.0	0.58			mg/kg	SW846 6010
Barium	7440-39-3	43.2	0.12			mg/kg	SW846 6010
Cadmium	7440-43-9	0.15	0.12			mg/kg	SW846 6010
Chromium	7440-47-3	6.5	0.12			mg/kg	SW846 6010
Lead	7439-92-1	3.9	0.23	E	J	mg/kg	SW846 6010

Location: SB119
Sample ID: 46SB172 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB172/10-29-98/4.0-6.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	0.23	0.23	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.34	0.34	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	370	370	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	370	370	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	370	370	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	370	370	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	370	370	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	370	370	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	370	370	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	370	370	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	370	370	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	370	370	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	370	370	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	370	370	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	370	370	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	370	370	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	370	370	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	370	370	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	740	740	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	370	370	U		ug/kg	SW846 827
4-chloro-3-methylphenol	59-50-7	370	370	U		ug/kg	SW846 827
4-Chloroaniline	106-47-8	370	370	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	370	370	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	370	370	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	370	370	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	370	370	U		ug/kg	SW846 8270
Anthracene	120-12-7	370	370	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	370	370	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	370	370	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	370	370	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	370	370	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	370	370	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	370	370	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	370	370	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	370	370	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	370	370	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	370	370	U		ug/kg	SW846 8270
Chrysene	218-01-9	370	370	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	370	370	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	370	370	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	370	370	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	370	370	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	370	370	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	370	370	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	370	370	U		ug/kg	SW846 8270
Fluorene	86-73-7	370	370	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	370	370	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	370	370	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	370	370	U		ug/kg	SW846 827
Hexachloroethane	67-72-1	370	370	U		ug/kg	SW846 82
Indeno(1,2,3-cd)pyrene	193-39-5	370	370	U		ug/kg	SW846 8270

Location: SB119
Sample ID: 46SB172 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB172/10-29-98/4.0-6.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Isophorone	78-59-1	370	370	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	370	370	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	370	370	U		ug/kg	SW846 8270
Naphthalene	91-20-3	370	370	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	370	370	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	370	370	U		ug/kg	SW846 8270
Phenol	108-95-2	370	370	U		ug/kg	SW846 8270
Pyrene	129-00-0	370	370	U		ug/kg	SW846 8270
Pyridine	110-86-1	370	370	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260

Location: SB119
Sample ID: 46SB172 **Depth:** 4.0-6.0
COE Sample ID: FH046-SB172/10-29-98/4.0-6.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB119
Sample ID: 46SB173 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB173/10-29-98/6.0-8.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	7.8	0.64			mg/kg	SW846 6010
Barium	7440-39-3	100	0.13			mg/kg	SW846 6010
Cadmium	7440-43-9	0.35	0.13			mg/kg	SW846 6010
Chromium	7440-47-3	14.1	0.13			mg/kg	SW846 6010
Lead	7439-92-1	10.3	0.26	E	J	mg/kg	SW846 601[illegible]
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 747[illegible]
Selenium	7782-49-2	1.3	1.3	NU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.38	0.38	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	400	400	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2000	2000	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2000	2000	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2000	2000	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	400	400	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	810	810	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2000	2000	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2000	2000	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	400	400	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U		ug/kg	SW846 827[illegible]
4-Nitroaniline	100-01-6	2000	2000	U		ug/kg	SW846 827[illegible]
4-Nitrophenol	100-02-7	2000	2000	U		ug/kg	SW846 8270

Location: SB119
Sample ID: 46SB173 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB173/10-29-98/6.0-8.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acenaphthene	83-32-9	400	400	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U		ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	400	400	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	400	400	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	400	400	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	2000	2000	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U		ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	400	400	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	400	400	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	400	400	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	400	400	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	400	400	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	400	400	U		ug/kg	SW846 8270
Fluorene	86-73-7	400	400	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	400	400	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	400	400	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U		ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	400	400	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	400	400	U		ug/kg	SW846 8270
Naphthalene	91-20-3	400	400	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	400	400	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2000	2000	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U		ug/kg	SW846 8270
Phenol	108-95-2	400	400	U		ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U		ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U		ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U		ug/kg	SW846 8260

Location: SB119
Sample ID: 46SB173 **Depth:** 6.0-8.0
COE Sample ID: FH046-SB173/10-29-98/6.0-8.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2-Dichloropropane	594-20-7	6	6	U		ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U		ug/kg	SW846 8260
Acetone	67-64-1	6	6	U		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U		ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U		ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U		ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U		ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U		ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U		ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U		ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U		ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U		ug/kg	SW846 826
o-Xylene	95-47-6	6	6	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U		ug/kg	SW846 8260
Styrene	100-42-5	6	6	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U		ug/kg	SW846 8260
Toluene	108-88-3	6	6	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U		ug/kg	SW846 8260

Location: SB119
Sample ID: 46SB174 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB174/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.9	0.53			mg/kg	SW846 6010
Barium	7440-39-3	30.0	0.11			mg/kg	SW846 6010
Cadmium	7440-43-9	0.13	0.11			mg/kg	SW846 6010
Chromium	7440-47-3	3.6	0.11			mg/kg	SW846 6010
Lead	7439-92-1	1.4	0.21	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.0	1.0	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.32	0.32	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	350	350	U		ug/kg	SW846 8270

Location: SB119
Sample ID: 46SB174 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB174/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2,4-Trichlorobenzene	120-82-1	350	350	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	350	350	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	350	350	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	350	350	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	350	350	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	350	350	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	350	350	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	350	350	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	350	350	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	350	350	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	350	350	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	350	350	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	350	350	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	350	350	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	350	350	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	710	710	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	350	350	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	350	350	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	350	350	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	350	350	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	350	350	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1700	1700	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	350	350	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	350	350	U		ug/kg	SW846 8270
Anthracene	120-12-7	350	350	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	350	350	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	350	350	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	350	350	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	350	350	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	350	350	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	350	350	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	350	350	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	350	350	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	350	350	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	350	350	U		ug/kg	SW846 8270
Chrysene	218-01-9	350	350	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	350	350	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	350	350	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	350	350	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	350	350	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	350	350	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	350	350	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	350	350	U		ug/kg	SW846 8270
Fluorene	86-73-7	350	350	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	350	350	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	350	350	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	350	350	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	350	350	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	350	350	U		ug/kg	SW846 8270
Isophorone	78-59-1	350	350	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	350	350	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	350	350	U		ug/kg	SW846 8270
Naphthalene	91-20-3	350	350	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	350	350	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	350	350	U		ug/kg	SW846 8270

Location: SB119
Sample ID: 46SB174 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB174/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Phenol	108-95-2	350	350	U		ug/kg	SW846 8270
Pyrene	129-00-0	350	350	U		ug/kg	SW846 8270
Pyridine	110-86-1	350	350	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 826
2-Butanone	78-93-3	25	5			ug/kg	SW846 826
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	16	5		U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	35	5			ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 826
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 82
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260

Location: SB119
Sample ID: 46SB174 **Depth:** 8.0-10.0
COE Sample ID: FH046-SB174/10-29-98/8.0-10.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Toluene	108-88-3	5	5	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: SB119
Sample ID: 46SB175 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB175/10-29-98/10.0-12.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.8	0.56			mg/kg	SW846 6010
Barium	7440-39-3	22.3	0.11			mg/kg	SW846 6010
Cadmium	7440-43-9	0.13	0.11			mg/kg	SW846 6010
Chromium	7440-47-3	3.5	0.11			mg/kg	SW846 6010
Lead	7439-92-1	1.5	0.23	E	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	U	U	mg/kg	SW846 7470
Selenium	7782-49-2	1.1	1.1	WNU	UJ	mg/kg	SW846 6010
Silver	7440-22-4	0.34	0.34	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	340	340	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	340	340	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	340	340	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	340	340	U		ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	340	340	U		ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	340	340	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1600	1600	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	340	340	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	340	340	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	340	340	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1600	1600	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	340	340	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	340	340	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	340	340	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	340	340	U		ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	340	340	U		ug/kg	SW846 8270
2-Methylphenol	95-48-7	340	340	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1600	1600	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	340	340	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	680	680	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1600	1600	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1600	1600	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	340	340	U		ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	340	340	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	340	340	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	340	340	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	340	340	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1600	1600	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1600	1600	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	340	340	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	340	340	U		ug/kg	SW846 8270
Anthracene	120-12-7	340	340	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	340	340	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	340	340	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	340	340	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	340	340	U		ug/kg	SW846 8270

Location: SB119
Sample ID: 46SB175 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB175/10-29-98/10.0-12.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzo(k)fluoranthene	207-08-9	340	340	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1600	1600	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	340	340	U		ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	340	340	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	340	340	U		ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	340	340	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	340	340	U		ug/kg	SW846 8270
Chrysene	218-01-9	340	340	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	340	340	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	340	340	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	340	340	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	340	340	U		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	340	340	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	340	340	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	340	340	U		ug/kg	SW846 8270
Fluorene	86-73-7	340	340	U		ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	340	340	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	340	340	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	340	340	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	340	340	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	340	340	U		ug/kg	SW846 8270
Isophorone	78-59-1	340	340	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	340	340	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	340	340	U		ug/kg	SW846 8270
Naphthalene	91-20-3	340	340	U		ug/kg	SW846 8270
Nitrobenzene	98-95-3	340	340	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1600	1600	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	340	340	U		ug/kg	SW846 82
Phenol	108-95-2	340	340	U		ug/kg	SW846 82
Pyrene	129-00-0	340	340	U		ug/kg	SW846 8270
Pyridine	110-86-1	340	340	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	9	6			ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 82
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 82
Acetone	67-64-1	12	6		U	ug/kg	SW846 8260

Location: SB119
Sample ID: 46SB175 **Depth:** 10.0-12.0
COE Sample ID: FH046-SB175/10-29-98/10.0-12.0
Date Collected: 10/29/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	34	6			ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46TKSD1 **Depth:** NA
COE Sample ID: FH046-WATK1/09-12-97
Date Collected: 9/12/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.6	1.6			mg/kg	SW846 6010
Barium	7440-39-3	4580	0.3			mg/kg	SW846 6010
Cadmium	7440-43-9	3.2	0.25			mg/kg	SW846 6010
Chromium	7440-47-3	7930	0.36			mg/kg	SW846 6010
Lead	7439-92-1	36700	4.6			mg/kg	SW846 6010
Mercury	7439-97-6	41.1	0.86			mg/kg	SW846 7471
Selenium	7782-49-2	7.9	5.8	B		mg/kg	SW846 6010
Silver	7440-22-4	0.86	0.86	U		mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	3200	3200	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	3200	3200	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	3200	3200	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	3200	3200	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	3200	3200	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	3200	3200	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	15000	15000	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46TKSD1 **Depth:** NA
COE Sample ID: FH046-WATK1/09-12-97
Date Collected: 9/12/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,4,6-Trichlorophenol	88-06-2	3200	3200	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	3200	3200	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	3200	3200	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	15000	15000	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	3200	3200	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	3200	3200	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	3200	3200	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	3200	3200	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	42000	13000	D	D	ug/kg	SW846 8270
2-Methylphenol	95-48-7	3200	3200	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	15000	15000	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	3200	3200	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	6400	6400	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	15000	15000	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	15000	15000	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	3200	3200	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	3200	3200	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	3200	3200	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	3200	3200	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	3200	3200	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	15000	15000	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	15000	15000	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	560	3200	J	J	ug/kg	SW846 8270
Acenaphthylene	208-96-8	3200	3200	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	3200	3200	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	3200	3200	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	3200	3200	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	3200	3200	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	3200	3200	U	U	ug/kg	SW846 827
Benzo(k)fluoranthene	207-08-9	3200	3200	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	15000	15000	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	3200	3200	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	3200	3200	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	3200	3200	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	43000	13000	D	D	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	670	3200	J	J	ug/kg	SW846 8270
Chrysene	218-01-9	3200	3200	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	3200	3200	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	900	3200	J	J	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	3200	3200	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	640	3200	J	J	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	3200	3200	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	3200	3200	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	3200	3200	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	1300	3200	J	J	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	3200	3200	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	3200	3200	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	3200	3200	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	3200	3200	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	3200	3200	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	3200	3200	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	3200	3200	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	3200	3200	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	23000	3200			ug/kg	SW846 8270
Nitrobenzene	98-95-3	3200	3200	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	15000	15000	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	2700	3200	J	J	ug/kg	SW846 8270
Phenol	108-95-2	3200	3200	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	1000	3200	J	J	ug/kg	SW846 8270
Pyridine	110-86-1	3200	3200	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46TKSD1 **Depth:** NA
COE Sample ID: FH046-WATK1/09-12-97
Date Collected: 9/12/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	3300	3300	U		ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	3300	3300	U		ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	3300	3300	U		ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	3300	3300	U		ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	3300	3300	U		ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	3300	3300	U		ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	3300	3300	U		ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	3300	3300	U		ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	3300	3300	U		ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	3300	3300	U		ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	3900	3300			ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	3300	3300	U		ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	3300	3300	U		ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	3300	3300	U		ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	3300	3300	U		ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	3300	3300	U		ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	3300	3300	U		ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	3300	3300	U		ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	3300	3300	U		ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	3300	3300	U		ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	3300	3300	U		ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	3300	3300	U		ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	3300	3300	U		ug/kg	SW846 8260
2-Butanone	78-93-3	3300	3300	U		ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	3300	3300	U		ug/kg	SW846 8260
2-Hexanone	591-78-6	3300	3300	U		ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	3300	3300	U		ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	3300	3300	U		ug/kg	SW846 8260
Acetone	67-64-1	3300	3300	U		ug/kg	SW846 8260
Benzene	71-43-2	3300	3300	U		ug/kg	SW846 8260
Bromobenzene	108-86-1	3300	3300	U		ug/kg	SW846 8260
Bromochloromethane	74-97-5	3300	3300	U		ug/kg	SW846 8260
Bromodichloromethane	75-27-4	3300	3300	U		ug/kg	SW846 8260
Bromoform	75-25-2	3300	3300	U		ug/kg	SW846 8260
Bromomethane	74-83-9	3300	3300	U		ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	3300	3300	U		ug/kg	SW846 8260
Chlorobenzene	108-90-7	3300	3300	U		ug/kg	SW846 8260
Chloroethane	75-00-3	3300	3300	U		ug/kg	SW846 8260
Chloroform	67-66-3	3300	3300	U		ug/kg	SW846 8260
Chloromethane	74-87-3	3300	3300	U		ug/kg	SW846 8260
Dibromochloromethane	124-48-1	4200	3300			ug/kg	SW846 8260
Dibromomethane	74-95-3	3300	3300	U		ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	3300	3300	U		ug/kg	SW846 8260
Ethylbenzene	100-41-4	3300	3300	U		ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	3300	3300	U		ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	3100	3300	J		ug/kg	SW846 8260
m,p-Xylene	13-302-07	6200	3300			ug/kg	SW846 8260
Methylene Chloride	75-09-2	3300	3300	U		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	3300	3300	U		ug/kg	SW846 8260
n-propylbenzene	103-65-1	680	3300	J		ug/kg	SW846 8260
Naphthalene	91-20-3	12000	3300			ug/kg	SW846 8260
o-Xylene	95-47-6	3300	3300	U		ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	2300	3300	J		ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	3300	3300	U		ug/kg	SW846 8260
Styrene	100-42-5	3300	3300	U		ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	3300	3300	U		ug/kg	SW846 8260
Tetrachloroethene	127-18-4	3300	3300	U		ug/kg	SW846 8260
Toluene	108-88-3	3300	3300	U		ug/kg	SW846 8260
Trichloroethene	79-01-6	3300	3300	U		ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	3300	3300	U		ug/kg	SW846 8260
Vinyl Chloride	75-01-4	3300	3300	U		ug/kg	SW846 8260

Location: UST
Sample ID: 46TKWA1 **Depth:** NA
COE Sample ID: FH046-SDTK1/09-12-97
Date Collected: 9/12/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.1	2.1	U		ug/l	SW846 6010
Barium	7440-39-3	310	0.3			ug/l	SW846 6010
Cadmium	7440-43-9	0.3	0.3	U		ug/l	SW846 6010
Chromium	7440-47-3	1	1.0	U		ug/l	SW846 6010
Lead	7439-92-1	1.2	0.9	B		ug/l	SW846 6010
Mercury	7439-97-6	0.1	0.1	U		ug/l	SW846 7470
Selenium	7782-49-2	5.9	2.2			ug/l	SW846 6010
Silver	7440-22-4	1	1.0	U		ug/l	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	10	10	U		ug/l	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	10	10	U		ug/l	SW846 8270
1,2-Dichlorobenzene	95-50-1	10	10	U		ug/l	SW846 8270
1,3-Dichlorobenzene	541-73-1	10	10	U		ug/l	SW846 8270
1,4-Dichlorobenzene	106-46-7	10	10	U		ug/l	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	10	10	U		ug/l	SW846 8270
2,4,5-Trichlorophenol	95-95-4	50	50	U		ug/l	SW846 8270
2,4,6-Trichlorophenol	88-06-2	10	10	U		ug/l	SW846 8270
2,4-Dichlorophenol	120-83-2	10	10	U		ug/l	SW846 8270
2,4-Dimethylphenol	105-67-9	10	10	U		ug/l	SW846 8270
2,4-Dinitrophenol	51-28-5	50	50	U		ug/l	SW846 8270
2,4-Dinitrotoluene	121-14-2	10	10	U		ug/l	SW846 8270
2,6-Dinitrotoluene	606-20-2	10	10	U		ug/l	SW846 8270
2-Chloronaphthalene	91-58-7	10	10	U		ug/l	SW846 8270
2-Chlorophenol	95-57-8	10	10	U		ug/l	SW846 8270
2-Methylnaphthalene	91-57-6	10	10	U		ug/l	SW846 8270
2-Methylphenol	95-48-7	10	10	U		ug/l	SW846 8270
2-Nitroaniline	88-74-4	50	50	U		ug/l	SW846 82
2-Nitrophenol	88-75-5	10	10	U		ug/l	SW846 827
3,3'-Dichlorobenzidine	91-94-1	20	20	U		ug/l	SW846 8270
3-Nitroaniline	99-09-2	50	50	U		ug/l	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	50	50	U		ug/l	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	10	10	U		ug/l	SW846 8270
4-chloro-3-methylphenol	59-50-7	10	10	U		ug/l	SW846 8270
4-Chloroaniline	106-47-8	10	10	U		ug/l	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	10	10	U		ug/l	SW846 8270
4-Methylphenol	106-44-5	10	10	U		ug/l	SW846 8270
Nitroaniline	100-01-6	50	50	U		ug/l	SW846 8270
trophenol	100-02-7	50	50	U		ug/l	SW846 8270
cenaphthene	83-32-9	10	10	U		ug/l	SW846 8270
Acenaphthylene	208-96-8	10	10	U		ug/l	SW846 8270
Anthracene	120-12-7	10	10	U		ug/l	SW846 8270
Benzo(a)anthracene	56-55-3	10	10	U		ug/l	SW846 8270
Benzo(a)pyrene	50-32-8	10	10	U		ug/l	SW846 8270
Benzo(b)fluoranthene	205-99-2	10	10	U		ug/l	SW846 8270
Benzo(g,h,i)perylene	191-24-2	10	10	U		ug/l	SW846 8270
Benzo(k)fluoranthene	207-08-9	10	10	U		ug/l	SW846 8270
Benzoic Acid	65-85-0	6	50	J		ug/l	SW846 8270
Benzyl Alcohol	100-51-6	10	10	U		ug/l	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	10	10	U		ug/l	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	10	10	U		ug/l	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	10	10	U		ug/l	SW846 8270
Butyl Benzyl Phthalate	85-68-7	10	10	U		ug/l	SW846 8270
Chrysene	218-01-9	10	10	U		ug/l	SW846 8270
Di-n-butyl Phthalate	84-74-2	10	10	U		ug/l	SW846 8270
Di-n-octyl Phthalate	117-84-0	10	10	U		ug/l	SW846 8270
Dibenz(a,h)anthracene	53-70-3	10	10	U		ug/l	SW846 8270
Dibenzofuran	132-64-9	10	10	U		ug/l	SW846 8270
Diethyl Phthalate	84-66-2	10	10	U		ug/l	SW846 8270
Dimethyl Phthalate	131-11-3	10	10	U		ug/l	SW846 82
Fluoranthene	206-44-0	10	10	U		ug/l	SW846 82

Location: UST
Sample ID: 46TKWA1 **Depth:** NA
COE Sample ID: FH046-SDTK1/09-12-97
Date Collected: 9/12/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	10	10	U		ug/l	SW846 8270
Hexachlorobenzene	118-74-1	10	10	U		ug/l	SW846 8270
Hexachlorobutadiene	87-68-3	10	10	U		ug/l	SW846 8270
Hexachlorocyclopentadiene	77-47-4	10	10	U		ug/l	SW846 8270
Hexachloroethane	67-72-1	10	10	U		ug/l	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	10	10	U		ug/l	SW846 8270
Isophorone	78-59-1	10	10	U		ug/l	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	10	10	U		ug/l	SW846 8270
N-Nitrosodiphenylamine	86-30-6	10	10	U		ug/l	SW846 8270
Naphthalene	91-20-3	10	10	U		ug/l	SW846 8270
Nitrobenzene	98-95-3	10	10	U		ug/l	SW846 8270
Pentachlorophenol	87-86-5	50	50	U		ug/l	SW846 8270
Phenanthrene	85-01-8	10	10	U		ug/l	SW846 8270
Phenol	108-95-2	10	10	U		ug/l	SW846 8270
Pyrene	129-00-0	10	10	U		ug/l	SW846 8270
Pyridine	110-86-1	50	50	U		ug/l	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/l	SW846 8260
2-Butanone	78-93-3	70	5			ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	18	5			ug/l	SW846 8260
Acetone	67-64-1	100	5			ug/l	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/l	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/l	SW846 8260
Chloroform	67-66-3	1	5	J	J	ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/l	SW846 8260

Location: UST
Sample ID: 46TKWA1 **Depth:** NA
COE Sample ID: FH046-SDTK1/09-12-97
Date Collected: 9/12/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/l	SW846 8260
Methylene Chloride	75-09-2	30	5	B	U	ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/l	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/l	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/l	SW846 8260

Location: UST
Sample ID: 46SB127 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB127/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	5.5	0.22			mg/kg	SW846 6010
Barium	7440-39-3	81.8	0.16			mg/kg	SW846 6010
Cadmium	7440-43-9	0.04	0.04	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	15.1	0.10			mg/kg	SW846 6010
Lead	7439-92-1	13.5	0.17	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	NU	UJ	mg/kg	SW846 7471
Selenium	7782-49-2	1.3	1.3	NU	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.15	0.15	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	390	390	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	390	390	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	390	390	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	390	390	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	390	390	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	390	390	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	390	390	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	390	390	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	390	390	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	390	390	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	390	390	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	15000	1600	D	J	ug/kg	SW846 8270
2-Methylphenol	95-48-7	390	390	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	390	390	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	780	780	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 82
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 82
4-Bromophenyl-phenyl Ether	101-55-3	390	390	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46SB127 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB127/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-chloro-3-methylphenol	59-50-7	390	390	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	390	390	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	390	390	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	390	390	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	390	390	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	390	390	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	390	390	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	390	390	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	390	390	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	390	390	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	390	390	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	390	390	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	390	390	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	55	390	J	J	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	390	390	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	390	390	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	200	390	J	J	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	390	390	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	390	390	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	730	390			ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	390	390	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	390	390	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	390	390	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	470	390			ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	390	390	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	390	390	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	390	390	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	390	390	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	390	390	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	390	390	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	390	390	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	390	390	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	390	390	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	88	390	J	J	ug/kg	SW846 8270
Phenol	108-95-2	390	390	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	390	390	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	390	390	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	UJ	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	UJ	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	UJ	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	UJ	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	UJ	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	UJ	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	UJ	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	UJ	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	UJ	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	3700	760	D	J	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	UJ	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	UJ	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB127 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB127/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-trans-Dichloroethene	156-60-5	6	6	U	UJ	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	93	6		J	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	UJ	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	UJ	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	UJ	ug/kg	SW846 8260
Acetone	67-64-1	69	6		J	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	UJ	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	UJ	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	UJ	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	UJ	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	UJ	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	UJ	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	UJ	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	UJ	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	UJ	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	UJ	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	UJ	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	UJ	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	UJ	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	UJ	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	6	J	J	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	UJ	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	30	6		J	ug/kg	SW846 82[illegible]
m,p-Xylene	13-302-07	24	6		J	ug/kg	SW846 82[illegible]
Methylene Chloride	75-09-2	6	6	U	UJ	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	120	6		J	ug/kg	SW846 8260
n-propylbenzene	103-65-1	70	6		J	ug/kg	SW846 8260
Naphthalene	91-20-3	5100	760	D	J	ug/kg	SW846 8260
o-Xylene	95-47-6	5	6	J	J	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	1600	760	D	J	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	78	6		J	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	UJ	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	UJ	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	UJ	ug/kg	SW846 8260
Toluene	108-88-3	52	6		J	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	UJ	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	UJ	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	UJ	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB128 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB128/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	12	0.23			mg/kg	SW846 6010
Barium	7440-39-3	205	0.17			mg/kg	SW846 6010
Cadmium	7440-43-9	0.04	0.04	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	21.3	0.10			mg/kg	SW846 6010
Lead	7439-92-1	16.4	0.18	N*	J	mg/kg	SW846 60[illegible]
Mercury	7439-97-6	0.04	0.04	NU	UJ	mg/kg	SW846 74[illegible]

Location: UST
Sample ID: 46SB128 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB128/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Selenium	7782-49-2	1.4	1.4	NU	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.15	0.15	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	390	390	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	390	390	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	390	390	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	390	390	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	390	390	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	390	390	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	390	390	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	390	390	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	390	390	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	390	390	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	390	390	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	390	390	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	390	390	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	390	390	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	780	780	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	390	390	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	390	390	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	390	390	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	390	390	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	390	390	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	390	390	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	390	390	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	390	390	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	390	390	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	390	390	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	390	390	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	390	390	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	390	390	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	390	390	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	390	390	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	390	390	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	390	390	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	390	390	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	390	390	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	390	390	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	390	390	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	390	390	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	390	390	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	390	390	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	390	390	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	390	390	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	390	390	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	390	390	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	390	390	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	390	390	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	390	390	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46SB128 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB128/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
N-Nitroso-di-n-propylamine	621-64-7	390	390	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	390	390	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	390	390	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	390	390	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	390	390	U	U	ug/kg	SW846 8270
Phenol	108-95-2	390	390	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	390	390	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	390	390	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	UJ	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	UJ	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	UJ	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	UJ	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	UJ	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	UJ	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	UJ	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	UJ	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	UJ	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	UJ	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	UJ	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	UJ	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	UJ	ug/kg	SW846 826
1,2-trans-Dichloroethene	156-60-5	6	6	U	UJ	ug/kg	SW846 82
1,3,5-trimethylbenzene	108-67-8	6	6	U	UJ	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	UJ	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	UJ	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	UJ	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	UJ	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	UJ	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	UJ	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	UJ	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	UJ	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	UJ	ug/kg	SW846 8260
Acetone	67-64-1	210	6		J	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	UJ	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	UJ	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	UJ	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	UJ	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	UJ	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	UJ	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	UJ	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	UJ	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	UJ	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	UJ	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	UJ	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	UJ	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	UJ	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	UJ	ug/kg	SW846 8260
Ethylbenzene	100-41-4	3	6	J	J	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	UJ	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	UJ	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	J	J	ug/kg	SW846 8260
Methylene Chloride	75-09-2	17	6	B	UJ	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	UJ	ug/kg	SW846 826
n-propylbenzene	103-65-1	6	6	U	UJ	ug/kg	SW846 82
Naphthalene	91-20-3	8	6		J	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB128 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB128/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
o-Xylene	95-47-6	6	6	U	UJ	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	UJ	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	3	6	J	J	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	UJ	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	UJ	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	UJ	ug/kg	SW846 8260
Toluene	108-88-3	6	6	J	J	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	UJ	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	UJ	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	UJ	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB129 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB129/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	10.5	0.22			mg/kg	SW846 6010
Barium	7440-39-3	206	0.16			mg/kg	SW846 6010
Cadmium	7440-43-9	0.04	0.04	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	27	0.10			mg/kg	SW846 6010
Lead	7439-92-1	15.9	0.17	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	NU	UJ	mg/kg	SW846 7471
Selenium	7782-49-2	1.3	1.3	WNU	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.15	0.15	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	390	390	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	390	390	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	390	390	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	390	390	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	390	390	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	390	390	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	390	390	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	390	390	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	390	390	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	390	390	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	390	390	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	390	390	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	390	390	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	390	390	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	390	390	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	770	770	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	390	390	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	390	390	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	390	390	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	390	390	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	390	390	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	390	390	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46SB129 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB129/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acenaphthylene	208-96-8	390	390	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	390	390	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	390	390	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	390	390	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	390	390	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	390	390	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	390	390	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	390	390	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	390	390	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	390	390	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	390	390	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	390	390	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	390	390	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	390	390	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	390	390	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	390	390	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	390	390	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	390	390	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	390	390	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	390	390	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	390	390	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	390	390	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	390	390	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	390	390	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	390	390	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	390	390	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	390	390	U	U	ug/kg	SW846 827
N-Nitrosodiphenylamine	86-30-6	390	390	U	U	ug/kg	SW846 827
Naphthalene	91-20-3	390	390	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	390	390	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	390	390	U	U	ug/kg	SW846 8270
Phenol	108-95-2	390	390	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	390	390	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	390	390	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 826
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 82
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 826

Location: UST
Sample ID: 46SB129 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB129/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	15	6		U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	15	6	B	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	J	J	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB130 **Depth:** 0.0-0.5
COE Sample ID: FH046-SB130/06-03-98/0.0-0.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	8.1	0.23			mg/kg	SW846 6010
Barium	7440-39-3	166	0.17			mg/kg	SW846 6010
Cadmium	7440-43-9	0.04	0.04	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	18.9	0.10			mg/kg	SW846 6010
Lead	7439-92-1	18.7	0.18	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	NU	UJ	mg/kg	SW846 7471
Selenium	7782-49-2	1.4	1.4	NU	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.15	0.15	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	440	440	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	440	440	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46SB130 **Depth:** 0.0-0.5
COE Sample ID: FH046-SB130/06-03-98/0.0-0.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichlorobenzene	95-50-1	440	440	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	440	440	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	440	440	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	440	440	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	2100	2100	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	440	440	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	440	440	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	440	440	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	2100	2100	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	440	440	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	440	440	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	440	440	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	440	440	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	7100	880	D	J	ug/kg	SW846 8270
2-Methylphenol	95-48-7	440	440	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	2100	2100	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	440	440	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	880	880	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	2100	2100	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	2100	2100	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	440	440	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	440	440	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	440	440	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	440	440	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	440	440	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	2100	2100	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	2100	2100	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	440	440	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	440	440	U	U	ug/kg	SW846 827
Anthracene	120-12-7	440	440	U	U	ug/kg	SW846 82
Benzo(a)anthracene	56-55-3	440	440	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	440	440	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	440	440	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	440	440	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	440	440	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	2100	2100	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	440	440	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	440	440	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	440	440	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	44	440	J	J	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	440	440	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	440	440	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	220	440	J	J	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	440	440	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	440	440	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	360	440	J	J	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	440	440	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	440	440	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	440	440	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	220	440	J	J	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	440	440	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	440	440	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	440	440	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	440	440	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	440	440	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	440	440	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	440	440	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	440	440	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	1500	440			ug/kg	SW846 8270
Nitrobenzene	98-95-3	440	440	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	2100	2100	U	U	ug/kg	SW846 82
Phenanthrene	85-01-8	440	440	U	U	ug/kg	SW846 82
Phenol	108-95-2	440	440	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46SB130 **Depth:** 0.0-0.5
COE Sample ID: FH046-SB130/06-03-98/0.0-0.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Pyrene	129-00-0	440	440	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	440	440	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	7	7	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	7	7	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	7	7	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	7	7	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	7	7	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	7	7	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	7	7	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	350	20	D	J	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	7	7	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	7	7	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	7	7	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	7	7	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	7	7	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	7	7	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	7	7	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	56	7			ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	7	7	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	7	7	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	7	7	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	7	7	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	45	7			ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	7	7	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	7	7	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	7	7	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	7	7	U	U	ug/kg	SW846 8260
Acetone	67-64-1	220	7			ug/kg	SW846 8260
Benzene	71-43-2	7	7	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	7	7	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	7	7	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	7	7	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	7	7	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	7	7	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	7	7	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	7	7	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	7	7	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	7	7	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	7	7	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	7	7	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	7	7	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	7	7	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	35	7			ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	7	7	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	11	7			ug/kg	SW846 8260
m,p-Xylene	13-302-07	31	7			ug/kg	SW846 8260
Methylene Chloride	75-09-2	7	7	U	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	39	7			ug/kg	SW846 8260
n-propylbenzene	103-65-1	30	7			ug/kg	SW846 8260
Naphthalene	91-20-3	480	20	D	J	ug/kg	SW846 8260
o-Xylene	95-47-6	6	7	J	J	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	82	7			ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	25	7			ug/kg	SW846 8260
Styrene	100-42-5	7	7	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	7	7	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	7	7	U	U	ug/kg	SW846 8260
Toluene	108-88-3	31	7			ug/kg	SW846 8260

Location: UST
Sample ID: 46SB130 **Depth:** 0.0-0.5
COE Sample ID: FH046-SB130/06-03-98/0.0-0.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Trichloroethene	79-01-6	7	7	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	7	7	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	7	7	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB131 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB131/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	9.6	0.22			mg/kg	SW846 6010
Barium	7440-39-3	209	0.16			mg/kg	SW846 6010
Cadmium	7440-43-9	0.04	0.04	U	U	mg/kg	SW846 6010
Chromium	7440-47-3	30.3	0.10			mg/kg	SW846 6010
Lead	7439-92-1	17.7	0.17	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	NU	UJ	mg/kg	SW846 7471
Selenium	7782-49-2	0.28	0.28	WNU	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.15	0.15	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	400	400	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	400	400	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	400	400	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	400	400	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	400	400	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	400	400	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1900	1900	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	400	400	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	400	400	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	400	400	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1900	1900	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	400	400	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	400	400	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	400	400	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	400	400	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	400	400	U	U	ug/kg	SW846 8270
2-Methylphenol	95-48-7	400	400	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1900	1900	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	400	400	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	790	790	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1900	1900	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1900	1900	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	400	400	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	400	400	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	400	400	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	400	400	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	400	400	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1900	1900	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1900	1900	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	400	400	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	400	400	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	400	400	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	400	400	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	400	400	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	400	400	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	400	400	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	400	400	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46SB131 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB131/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Benzoic Acid	65-85-0	1900	1900	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	400	400	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	400	400	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	400	400	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	400	400	U	U	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	400	400	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	400	400	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	400	400	U	U	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	400	400	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	400	400	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	400	400	U	U	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	400	400	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	400	400	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	400	400	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	400	400	U	U	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	400	400	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	400	400	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	400	400	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	400	400	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	400	400	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	400	400	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	400	400	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	400	400	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	400	400	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	400	400	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1900	1900	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	400	400	U	U	ug/kg	SW846 8270
Phenol	108-95-2	400	400	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	400	400	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	400	400	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	51	6	B		ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB131 **Depth:** 5.0-5.5
COE Sample ID: FH046-SB131/06-03-98/5.0-5.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	33	6	B		ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	U	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	6	6	U	U	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 82(
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 826(
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB132 **Depth:** 10.0-10.5
COE Sample ID: FH046-SB132/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.2	0.19			mg/kg	SW846 6010
Barium	7440-39-3	61.7	0.14			mg/kg	SW846 6010
Cadmium	7440-43-9	0.04	0.03	B	U	mg/kg	SW846 6010
Chromium	7440-47-3	9.6	0.09			mg/kg	SW846 6010
Lead	7439-92-1	7.2	0.15	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	NU	UJ	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	310	310	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	310	310	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	310	310	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	310	310	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	310	310	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	310	310	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1500	1500	U	U	ug/kg	SW846 82
2,4,6-Trichlorophenol	88-06-2	310	310	U	U	ug/kg	SW846 82.
2,4-Dichlorophenol	120-83-2	310	310	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46SB132 **Depth:** 10.0-10.5
COE Sample ID: FH046-SB132/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,4-Dimethylphenol	105-67-9	310	310	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1500	1500	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	310	310	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	310	310	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	310	310	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	310	310	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	670	310			ug/kg	SW846 8270
2-Methylphenol	95-48-7	310	310	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1500	1500	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	310	310	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	630	630	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1500	1500	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1500	1500	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	310	310	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	310	310	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	310	310	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	310	310	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	310	310	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1500	1500	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1500	1500	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	310	310	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	310	310	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	310	310	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	310	310	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	310	310	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	310	310	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	310	310	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	310	310	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1500	1500	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	310	310	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	310	310	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	310	310	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	56	310	J	J	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	310	310	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	310	310	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	160	310	J	J	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	310	310	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	310	310	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	220	310	J	J	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	310	310	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	310	310	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	310	310	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	160	310	J	J	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	310	310	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	310	310	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	310	310	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	310	310	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	310	310	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	310	310	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	310	310	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	310	310	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	310	310	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	310	310	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1500	1500	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	310	310	U	U	ug/kg	SW846 8270
Phenol	108-95-2	310	310	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	310	310	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	310	310	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB132 **Depth:** 10.0-10.5
COE Sample ID: FH046-SB132/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	6	J	J	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	6	6	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	6	6	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	U	ug/kg	SW846 8260
Acetone	67-64-1	5	6	J	U	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	U	ug/kg	SW846 82(
Bromochloromethane	74-97-5	6	6	U	U	ug/kg	SW846 826
Bromodichloromethane	75-27-4	6	6	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	2	6	J	J	ug/kg	SW846 8260
m,p-Xylene	13-302-07	6	6	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	12	6	B	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	U	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	6	6	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	6	6	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	8	6			ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	10	6			ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	U	ug/kg	SW846 8260
Toluene	108-88-3	3	6	J	J	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB133 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB133/06-03-98/10.5-11.0
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.1	0.20			mg/kg	SW846 6010
Barium	7440-39-3	58.6	0.15			mg/kg	SW846 6010
Cadmium	7440-43-9	0.07	0.03	B	U	mg/kg	SW846 6010
Chromium	7440-47-3	11.1	0.09			mg/kg	SW846 6010
Lead	7439-92-1	6.9	0.16	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	NU	UJ	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	NU	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	370	370	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	370	370	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	370	370	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	370	370	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	370	370	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	370	370	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1800	1800	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	370	370	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	370	370	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1800	1800	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	370	370	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	370	370	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	370	370	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	370	370	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	5100	740	D	J	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	5000	370	E	R	ug/kg	SW846 8270
2-Methylphenol	95-48-7	370	370	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1800	1800	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	370	370	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	740	740	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1800	1800	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1800	1800	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	370	370	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	370	370	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	370	370	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	370	370	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	370	370	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1800	1800	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1800	1800	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	370	370	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	370	370	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	370	370	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	370	370	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	370	370	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	370	370	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	370	370	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	370	370	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1800	1800	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	370	370	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	370	370	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	180	370	J	J	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	370	370	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	370	370	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	190	370	J	J	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	370	370	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	370	370	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	760	370			ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	370	370	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	370	370	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46SB133 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB133/06-03-98/10.5-11.0
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluoranthene	206-44-0	370	370	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	460	370			ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	370	370	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	370	370	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	370	370	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	370	370	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	370	370	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	370	370	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	370	370	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	370	370	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	2000	370			ug/kg	SW846 8270
Nitrobenzene	98-95-3	370	370	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1800	1800	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	96	370	J	J	ug/kg	SW846 8270
Phenol	108-95-2	370	370	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	370	370	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	370	370	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	29	29	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	29	29	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	29	29	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	29	29	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	29	29	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	29	29	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	29	29	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	29	29	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	29	29	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	29	29	U	U	ug/kg	SW846 826
1,2,4-trimethylbenzene	95-63-6	29	29	U	U	ug/kg	SW846 826
1,2-cis-Dichloroethene	156-59-2	29	29	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	29	29	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	29	29	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	29	29	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	29	29	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	29	29	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	29	29	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	29	29	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	29	29	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	29	29	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	29	29	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	29	29	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	29	29	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	29	29	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	29	29	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	29	29	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	29	29	U	U	ug/kg	SW846 8260
Acetone	67-64-1	38	29			ug/kg	SW846 8260
Benzene	71-43-2	29	29	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	29	29	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	29	29	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	29	29	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	29	29	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	29	29	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	29	29	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	29	29	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	29	29	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	29	29	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	29	29	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	29	29	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	29	29	U	U	ug/kg	SW846 82
Dichlorodifluoromethane	75-71-8	29	29	U	U	ug/kg	SW846 826

Location: UST
Sample ID: 46SB133 **Depth:** 10.0-11.0
COE Sample ID: FH046-SB133/06-03-98/10.5-11.0
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Ethylbenzene	100-41-4	29	29	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	29	29	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	200	29			ug/kg	SW846 8260
m,p-Xylene	13-302-07	29	29	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	71	29	B	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	120	29			ug/kg	SW846 8260
n-propylbenzene	103-65-1	330	29			ug/kg	SW846 8260
o-Xylene	95-47-6	29	29	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	29	29	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	230	29			ug/kg	SW846 8260
Styrene	100-42-5	29	29	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	210	29			ug/kg	SW846 8260
Tetrachloroethene	127-18-4	29	29	U	U	ug/kg	SW846 8260
Toluene	108-88-3	18	29	J	J	ug/kg	SW846 8260
Trichloroethene	79-01-6	29	29	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	29	29	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	29	29	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB134 **Depth:** 10.0-10.0
COE Sample ID: FH046-SB134/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.5	0.19			mg/kg	SW846 6010
Barium	7440-39-3	23	0.14			mg/kg	SW846 6010
Cadmium	7440-43-9	0.04	0.03	B	U	mg/kg	SW846 6010
Chromium	7440-47-3	6.2	0.09			mg/kg	SW846 6010
Lead	7439-92-1	2.6	0.15	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.04	0.04	NU	UJ	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	NU	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.13	0.13	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	330	330	U		ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	330	330	U		ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	330	330	U		ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	330	330	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	330	330	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	330	330	U		ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1600	1600	U		ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	330	330	U		ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	330	330	U		ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	330	330	U		ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1600	1600	U		ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	330	330	U		ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	330	330	U		ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	330	330	U		ug/kg	SW846 8270
2-Chlorophenol	95-57-8	330	330	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	850	330			ug/kg	SW846 8270
2-Methylphenol	95-48-7	330	330	U		ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1600	1600	U		ug/kg	SW846 8270
2-Nitrophenol	88-75-5	330	330	U		ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	660	660	U		ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1600	1600	U		ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1600	1600	U		ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	330	330	U		ug/kg	SW846 8270

Location: UST
Sample ID: 46SB134 **Depth:** 10.0-10.0
COE Sample ID: FH046-SB134/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
4-chloro-3-methylphenol	59-50-7	330	330	U		ug/kg	SW846 8270
4-Chloroaniline	106-47-8	330	330	U		ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	330	330	U		ug/kg	SW846 8270
4-Methylphenol	106-44-5	330	330	U		ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1600	1600	U		ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1600	1600	U		ug/kg	SW846 8270
Acenaphthene	83-32-9	330	330	U		ug/kg	SW846 8270
Acenaphthylene	208-96-8	330	330	U		ug/kg	SW846 8270
Anthracene	120-12-7	330	330	U		ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	330	330	U		ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	330	330	U		ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	330	330	U		ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	330	330	U		ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	330	330	U		ug/kg	SW846 8270
Benzoic Acid	65-85-0	1600	1600	U		ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	330	330	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	330	330	U		ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	330	330	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	330	330	U		ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	330	330	U		ug/kg	SW846 8270
Chrysene	218-01-9	330	330	U		ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	330	330	U		ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	330	330	U		ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	330	330	U		ug/kg	SW846 8270
Dibenzofuran	132-64-9	75	330	J		ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	330	330	U		ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	330	330	U		ug/kg	SW846 8270
Fluoranthene	206-44-0	330	330	U		ug/kg	SW846 827
Fluorene	86-73-7	47	330	J		ug/kg	SW846 82
Hexachlorobenzene	118-74-1	330	330	U		ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	330	330	U		ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	330	330	U		ug/kg	SW846 8270
Hexachloroethane	67-72-1	330	330	U		ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	330	330	U		ug/kg	SW846 8270
Isophorone	78-59-1	330	330	U		ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	330	330	U		ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	330	330	U		ug/kg	SW846 8270
Naphthalene	91-20-3	200	330	J		ug/kg	SW846 8270
Nitrobenzene	98-95-3	330	330	U		ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1600	1600	U		ug/kg	SW846 8270
Phenanthrene	85-01-8	330	330	U		ug/kg	SW846 8270
Phenol	108-95-2	330	330	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	330	330	U		ug/kg	SW846 8270
Pyridine	110-86-1	330	330	U		ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 82
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 82
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB134 **Depth:** 10.0-10.0
COE Sample ID: FH046-SB134/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	17	5			ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	5			ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	12	5	B	B	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5			ug/kg	SW846 8260
n-propylbenzene	103-65-1	13	5			ug/kg	SW846 8260
Naphthalene	91-20-3	52	5			ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	12	5			ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	2	5	J	J	ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB135 **Depth:** 10.0-10.0
COE Sample ID: FH046-SB135/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	3.7	0.19			mg/kg	SW846 6010
Barium	7440-39-3	26.1	0.14			mg/kg	SW846 6010
Cadmium	7440-43-9	0.05	0.03	B	U	mg/kg	SW846 6010
Chromium	7440-47-3	6.3	0.08			mg/kg	SW846 6010
Lead	7439-92-1	4.2	0.14	N*	J	mg/kg	SW846 6010

Location: UST
Sample ID: 46SB135 **Depth:** 10.0-10.0
COE Sample ID: FH046-SB135/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Mercury	7439-97-6	0.04	0.04	NU	UJ	mg/kg	SW846 7471
Selenium	7782-49-2	1.2	1.2	WNU	UJ	mg/kg	SW846 7740
Silver	7440-22-4	0.12	0.12	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	320	320	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	320	320	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	320	320	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	320	320	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	320	320	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	320	320	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1500	1500	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	320	320	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	320	320	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	320	320	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1500	1500	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	320	320	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	320	320	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	320	320	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	320	320	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	120	320	J	J	ug/kg	SW846 8270
2-Methylphenol	95-48-7	320	320	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1500	1500	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	320	320	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	630	630	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1500	1500	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1500	1500	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	320	320	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	320	320	U	U	ug/kg	SW846 827
4-Chloroaniline	106-47-8	320	320	U	U	ug/kg	SW846 827
4-Chlorophenyl-phenylether	7005-72-3	320	320	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	320	320	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1500	1500	U	U	ug/kg	SW846 8270
4-Nitrophenol	100-02-7	1500	1500	U	U	ug/kg	SW846 8270
Acenaphthene	83-32-9	320	320	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	320	320	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	320	320	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	320	320	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	320	320	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	320	320	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	320	320	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	320	320	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1500	1500	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	320	320	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	320	320	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	320	320	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	80	320	J	J	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	320	320	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	320	320	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	160	320	J	J	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	320	320	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	320	320	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	98	320	J	J	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	320	320	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	320	320	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	320	320	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	57	320	J	J	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	320	320	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	320	320	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	320	320	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	320	320	U	U	ug/kg	SW846 82
Indeno(1,2,3-cd)pyrene	193-39-5	320	320	U	U	ug/kg	SW846 827

Location: UST
Sample ID: 46SB135 **Depth:** 10.0-10.0
COE Sample ID: FH046-SB135/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Isophorone	78-59-1	320	320	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	320	320	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	320	320	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	320	320	U	U	ug/kg	SW846 8270
Nitrobenzene	98-95-3	320	320	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1500	1500	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	320	320	U	U	ug/kg	SW846 8270
Phenol	108-95-2	320	320	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	320	320	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	320	320	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/kg	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/kg	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/kg	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/kg	SW846 8260
Acetone	67-64-1	17	5		U	ug/kg	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/kg	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/kg	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/kg	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/kg	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/kg	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/kg	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/kg	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/kg	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/kg	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/kg	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/kg	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/kg	SW846 8260
Methylene Chloride	75-09-2	14	5	B	U	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	5			ug/kg	SW846 8260

Location: UST
Sample ID: 46SB135 **Depth:** 10.0-10.0
COE Sample ID: FH046-SB135/06-03-98/10.0-10.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Naphthalene	91-20-3	5	5	U	U	ug/kg	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/kg	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	8	5			ug/kg	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/kg	SW846 8260
Toluene	108-88-3	10	5			ug/kg	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB136 **Depth:** 0.0-0.5
COE Sample ID: FH046-SB136/06-03-98/0.0-0.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	4.5	0.21			mg/kg	SW846 6010
Barium	7440-39-3	93.8	0.15			mg/kg	SW846 6010
Cadmium	7440-43-9	0.22	0.04	B	U	mg/kg	SW846 6010
Chromium	7440-47-3	16.4	0.09			mg/kg	SW846 6010
Lead	7439-92-1	560	0.16	N*	J	mg/kg	SW846 6010
Mercury	7439-97-6	0.24	0.04	N	UJ	mg/kg	SW846 747
Selenium	7782-49-2	1.3	1.3	NU	UJ	mg/kg	SW846 774
Silver	7440-22-4	0.14	0.14	U	U	mg/kg	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	360	360	U	U	ug/kg	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	360	360	U	U	ug/kg	SW846 8270
1,2-Dichlorobenzene	95-50-1	360	360	U	U	ug/kg	SW846 8270
1,3-Dichlorobenzene	541-73-1	360	360	U	U	ug/kg	SW846 8270
1,4-Dichlorobenzene	106-46-7	360	360	U	U	ug/kg	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	360	360	U	U	ug/kg	SW846 8270
2,4,5-Trichlorophenol	95-95-4	1700	1700	U	U	ug/kg	SW846 8270
2,4,6-Trichlorophenol	88-06-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dichlorophenol	120-83-2	360	360	U	U	ug/kg	SW846 8270
2,4-Dimethylphenol	105-67-9	360	360	U	U	ug/kg	SW846 8270
2,4-Dinitrophenol	51-28-5	1700	1700	U	U	ug/kg	SW846 8270
2,4-Dinitrotoluene	121-14-2	360	360	U	U	ug/kg	SW846 8270
2,6-Dinitrotoluene	606-20-2	360	360	U	U	ug/kg	SW846 8270
2-Chloronaphthalene	91-58-7	360	360	U	U	ug/kg	SW846 8270
2-Chlorophenol	95-57-8	360	360	U	U	ug/kg	SW846 8270
2-Methylnaphthalene	91-57-6	3100	360			ug/kg	SW846 8270
2-Methylphenol	95-48-7	360	360	U	U	ug/kg	SW846 8270
2-Nitroaniline	88-74-4	1700	1700	U	U	ug/kg	SW846 8270
2-Nitrophenol	88-75-5	360	360	U	U	ug/kg	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	720	720	U	U	ug/kg	SW846 8270
3-Nitroaniline	99-09-2	1700	1700	U	U	ug/kg	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	1700	1700	U	U	ug/kg	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	360	360	U	U	ug/kg	SW846 8270
4-chloro-3-methylphenol	59-50-7	360	360	U	U	ug/kg	SW846 8270
4-Chloroaniline	106-47-8	360	360	U	U	ug/kg	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	360	360	U	U	ug/kg	SW846 8270
4-Methylphenol	106-44-5	360	360	U	U	ug/kg	SW846 8270
4-Nitroaniline	100-01-6	1700	1700	U	U	ug/kg	SW846 82
4-Nitrophenol	100-02-7	1700	1700	U	U	ug/kg	SW846 8270

Location: UST
Sample ID: 46SB136 **Depth:** 0.0-0.5
COE Sample ID: FH046-SB136/06-03-98/0.0-0.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Acenaphthene	83-32-9	360	360	U	U	ug/kg	SW846 8270
Acenaphthylene	208-96-8	360	360	U	U	ug/kg	SW846 8270
Anthracene	120-12-7	360	360	U	U	ug/kg	SW846 8270
Benzo(a)anthracene	56-55-3	360	360	U	U	ug/kg	SW846 8270
Benzo(a)pyrene	50-32-8	360	360	U	U	ug/kg	SW846 8270
Benzo(b)fluoranthene	205-99-2	360	360	U	U	ug/kg	SW846 8270
Benzo(g,h,i)perylene	191-24-2	360	360	U	U	ug/kg	SW846 8270
Benzo(k)fluoranthene	207-08-9	360	360	U	U	ug/kg	SW846 8270
Benzoic Acid	65-85-0	1700	1700	U	U	ug/kg	SW846 8270
Benzyl Alcohol	100-51-6	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	360	360	U	U	ug/kg	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	360	360	U	U	ug/kg	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	43	360	J	J	ug/kg	SW846 8270
Butyl Benzyl Phthalate	85-68-7	360	360	U	U	ug/kg	SW846 8270
Chrysene	218-01-9	360	360	U	U	ug/kg	SW846 8270
Di-n-butyl Phthalate	84-74-2	180	360	J	J	ug/kg	SW846 8270
Di-n-octyl Phthalate	117-84-0	360	360	U	U	ug/kg	SW846 8270
Dibenz(a,h)anthracene	53-70-3	360	360	U	U	ug/kg	SW846 8270
Dibenzofuran	132-64-9	260	360	J	J	ug/kg	SW846 8270
Diethyl Phthalate	84-66-2	360	360	U	U	ug/kg	SW846 8270
Dimethyl Phthalate	131-11-3	360	360	U	U	ug/kg	SW846 8270
Fluoranthene	206-44-0	360	360	U	U	ug/kg	SW846 8270
Fluorene	86-73-7	170	360	J	J	ug/kg	SW846 8270
Hexachlorobenzene	118-74-1	360	360	U	U	ug/kg	SW846 8270
Hexachlorobutadiene	87-68-3	360	360	U	U	ug/kg	SW846 8270
Hexachlorocyclopentadiene	77-47-4	360	360	U	U	ug/kg	SW846 8270
Hexachloroethane	67-72-1	360	360	U	U	ug/kg	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	360	360	U	U	ug/kg	SW846 8270
Isophorone	78-59-1	360	360	U	U	ug/kg	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	360	360	U	U	ug/kg	SW846 8270
N-Nitrosodiphenylamine	86-30-6	360	360	U	U	ug/kg	SW846 8270
Naphthalene	91-20-3	380	360			ug/kg	SW846 8270
Nitrobenzene	98-95-3	360	360	U	U	ug/kg	SW846 8270
Pentachlorophenol	87-86-5	1700	1700	U	U	ug/kg	SW846 8270
Phenanthrene	85-01-8	49	360	J	J	ug/kg	SW846 8270
Phenol	108-95-2	360	360	U	U	ug/kg	SW846 8270
Pyrene	129-00-0	360	360	U	U	ug/kg	SW846 8270
Pyridine	110-86-1	360	360	U	U	ug/kg	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	6	6	U	UJ	ug/kg	SW846 8260
1,1,1-Trichloroethane	71-55-6	6	6	U	UJ	ug/kg	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	6	6	U	UJ	ug/kg	SW846 8260
1,1,2-Trichloroethane	79-00-5	6	6	U	UJ	ug/kg	SW846 8260
1,1-Dichloroethane	75-34-3	6	6	U	UJ	ug/kg	SW846 8260
1,1-Dichloroethene	75-35-4	6	6	U	UJ	ug/kg	SW846 8260
1,1-Dichloropropene	563-58-6	6	6	U	UJ	ug/kg	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	6	6	U	UJ	ug/kg	SW846 8260
1,2,3-Trichloropropane	96-18-4	6	6	U	UJ	ug/kg	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	6	6	U	UJ	ug/kg	SW846 8260
1,2,4-trimethylbenzene	95-63-6	6	6	U	UJ	ug/kg	SW846 8260
1,2-cis-Dichloroethene	156-59-2	6	6	U	UJ	ug/kg	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dibromoethane	106-93-4	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dichlorobenzene	95-50-1	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dichloroethane	107-06-2	6	6	U	UJ	ug/kg	SW846 8260
1,2-Dichloropropane	78-87-5	6	6	U	UJ	ug/kg	SW846 8260
1,2-trans-Dichloroethene	156-60-5	6	6	U	UJ	ug/kg	SW846 8260
1,3,5-trimethylbenzene	108-67-8	6	6	U	UJ	ug/kg	SW846 8260
1,3-Dichlorobenzene	541-73-1	6	6	U	UJ	ug/kg	SW846 8260
1,3-Dichloropropane	142-28-9	6	6	U	UJ	ug/kg	SW846 8260
1,4-Dichlorobenzene	106-46-7	6	6	U	UJ	ug/kg	SW846 8260

Location: UST
Sample ID: 46SB136 **Depth:** 0.0-0.5
COE Sample ID: FH046-SB136/06-03-98/0.0-0.5
Date Collected: 6/3/98

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2-Dichloropropane	594-20-7	6	6	U	UJ	ug/kg	SW846 8260
2-Butanone	78-93-3	20	6		J	ug/kg	SW846 8260
2-Chlorotoluene	95-49-8	6	6	U	UJ	ug/kg	SW846 8260
2-Hexanone	591-78-6	6	6	U	UJ	ug/kg	SW846 8260
4-Chlorotoluene	106-43-4	6	6	U	UJ	ug/kg	SW846 8260
4-Methyl-2-pentanone	108-10-1	6	6	U	UJ	ug/kg	SW846 8260
Acetone	67-64-1	130	6		J	ug/kg	SW846 8260
Benzene	71-43-2	6	6	U	UJ	ug/kg	SW846 8260
Bromobenzene	108-86-1	6	6	U	UJ	ug/kg	SW846 8260
Bromochloromethane	74-97-5	6	6	U	UJ	ug/kg	SW846 8260
Bromodichloromethane	75-27-4	6	6	U	UJ	ug/kg	SW846 8260
Bromoform	75-25-2	6	6	U	UJ	ug/kg	SW846 8260
Bromomethane	74-83-9	6	6	U	UJ	ug/kg	SW846 8260
Carbon Tetrachloride	56-23-5	6	6	U	UJ	ug/kg	SW846 8260
Chlorobenzene	108-90-7	6	6	U	UJ	ug/kg	SW846 8260
Chloroethane	75-00-3	6	6	U	UJ	ug/kg	SW846 8260
Chloroform	67-66-3	6	6	U	UJ	ug/kg	SW846 8260
Chloromethane	74-87-3	6	6	U	UJ	ug/kg	SW846 8260
Dibromochloromethane	124-48-1	6	6	U	UJ	ug/kg	SW846 8260
Dibromomethane	74-95-3	6	6	U	UJ	ug/kg	SW846 8260
Dichlorodifluoromethane	75-71-8	6	6	U	UJ	ug/kg	SW846 8260
Ethylbenzene	100-41-4	6	6	U	UJ	ug/kg	SW846 8260
Hexachlorobutadiene	87-68-3	6	6	U	UJ	ug/kg	SW846 8260
Isopropyl Benzene	98-82-8	6	6	U	UJ	ug/kg	SW846 8260
m,p-Xylene	13-302-07	2	6	J	J	ug/kg	SW846 8260
Methylene Chloride	75-09-2	6	6	U	UJ	ug/kg	SW846 8260
n-Butylbenzene	104-51-8	6	6	U	UJ	ug/kg	SW846 8260
n-propylbenzene	103-65-1	6	6	U	UJ	ug/kg	SW846 8260
Naphthalene	91-20-3	6	6	U	UJ	ug/kg	SW846 82
o-Xylene	95-47-6	6	6	U	UJ	ug/kg	SW846 82
p-Isopropyltoluene	99-87-6	6	6	U	UJ	ug/kg	SW846 8260
sec-Butylbenzene	135-98-8	6	6	U	UJ	ug/kg	SW846 8260
Styrene	100-42-5	6	6	U	UJ	ug/kg	SW846 8260
tert-Butylbenzene	98-06-6	6	6	U	UJ	ug/kg	SW846 8260
Tetrachloroethene	127-18-4	6	6	U	UJ	ug/kg	SW846 8260
Toluene	108-88-3	79	6		J	ug/kg	SW846 8260
Trichloroethene	79-01-6	6	6	U	UJ	ug/kg	SW846 8260
Trichlorofluoromethane	75-69-4	6	6	U	UJ	ug/kg	SW846 8260
Vinyl Chloride	75-01-4	6	6	U	UJ	ug/kg	SW846 8260

Location: NA
Sample ID: TB045 **Depth:** NA
COE Sample ID: FH046-TB045/02-04-97
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/l	SW846 82
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/l	SW846 82
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/l	SW846 8260

Location: NA
Sample ID: TB045 **Depth:** NA
COE Sample ID: FH046-TB045/02-04-97
Date Collected: 2/4/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/l	SW846 8260
Acetone	67-64-1	5	5	U	U	ug/l	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/l	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/l	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/l	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/l	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/l	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/l	SW846 8260

Location: NA
Sample ID: ER041 **Depth:** NA
COE Sample ID: FH046-ER041/02-05-97
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.5	2.5	U	U	ug/l	SW846 6010
Barium	7440-39-3	0.41	0.30	B		ug/l	SW846 6010
Cadmium	7440-43-9	0.5	0.50	U	U	ug/l	SW846 6010
Chromium	7440-47-3	0.87	0.80	B		ug/l	SW846 6010
Lead	7439-92-1	1.7	1.7	U	U	ug/l	SW846 6010
Mercury	7439-97-6	0.1	0.10	U	U	ug/l	SW846 7470
Selenium	7782-49-2	2	2.0	U	U	ug/l	SW846 7740
Silver	7440-22-4	2	1.2	B		ug/l	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	10	10	U	U	ug/l	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	10	10	U	U	ug/l	SW846 8270
1,2-Dichlorobenzene	95-50-1	10	10	U	U	ug/l	SW846 8270
1,3-Dichlorobenzene	541-73-1	10	10	U	U	ug/l	SW846 8270
1,4-Dichlorobenzene	106-46-7	10	10	U	U	ug/l	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	10	10	U	U	ug/l	SW846 8270
2,4,5-Trichlorophenol	95-95-4	50	50	U	U	ug/l	SW846 8270
2,4,6-Trichlorophenol	88-06-2	10	10	U	U	ug/l	SW846 8270
2,4-Dichlorophenol	120-83-2	10	10	U	U	ug/l	SW846 8270
2,4-Dimethylphenol	105-67-9	10	10	U	U	ug/l	SW846 8270
2,4-Dinitrophenol	51-28-5	50	50	U	U	ug/l	SW846 8270
2,4-Dinitrotoluene	121-14-2	10	10	U	U	ug/l	SW846 8270
2,6-Dinitrotoluene	606-20-2	10	10	U	U	ug/l	SW846 8270
2-Chloronaphthalene	91-58-7	10	10	U	U	ug/l	SW846 8270
2-Chlorophenol	95-57-8	10	10	U	U	ug/l	SW846 8270
2-Methylnaphthalene	91-57-6	10	10	U	U	ug/l	SW846 8270
2-Methylphenol	95-48-7	10	10	U	U	ug/l	SW846 827
2-Nitroaniline	88-74-4	50	50	U	U	ug/l	SW846 82
2-Nitrophenol	88-75-5	10	10	U	U	ug/l	SW846 827
3,3'-Dichlorobenzidine	91-94-1	20	20	U	U	ug/l	SW846 8270
3-Nitroaniline	99-09-2	50	50	U	U	ug/l	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	50	50	U	U	ug/l	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	10	10	U	U	ug/l	SW846 8270
4-chloro-3-methylphenol	59-50-7	10	10	U	U	ug/l	SW846 8270
4-Chloroaniline	106-47-8	10	10	U	U	ug/l	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	10	10	U	U	ug/l	SW846 8270
4-Methylphenol	106-44-5	10	10	U	U	ug/l	SW846 8270
4-Nitroaniline	100-01-6	50	50	U	U	ug/l	SW846 8270
4-Nitrophenol	100-02-7	50	50	U	U	ug/l	SW846 8270
Acenaphthene	83-32-9	10	10	U	U	ug/l	SW846 8270
Acenaphthylene	208-96-8	10	10	U	U	ug/l	SW846 8270
Anthracene	120-12-7	10	10	U	U	ug/l	SW846 8270
Benzo(a)anthracene	56-55-3	10	10	U	U	ug/l	SW846 8270
Benzo(a)pyrene	50-32-8	10	10	U	U	ug/l	SW846 8270
Benzo(b)fluoranthene	205-99-2	10	10	U	U	ug/l	SW846 8270
Benzo(g,h,i)perylene	191-24-2	10	10	U	U	ug/l	SW846 8270
Benzo(k)fluoranthene	207-08-9	10	10	U	U	ug/l	SW846 8270
Benzoic Acid	65-85-0	50	50	U	U	ug/l	SW846 8270
Benzyl Alcohol	100-51-6	10	10	U	U	ug/l	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	10	10	U	U	ug/l	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	10	10	U	U	ug/l	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	30	10			ug/l	SW846 8270
Butyl Benzyl Phthalate	85-68-7	10	10	U	U	ug/l	SW846 8270
Chrysene	218-01-9	10	10	U	U	ug/l	SW846 8270
Di-n-butyl Phthalate	84-74-2	10	10	U	U	ug/l	SW846 8270
Di-n-octyl Phthalate	117-84-0	10	10	U	U	ug/l	SW846 8270
Dibenz(a,h)anthracene	53-70-3	10	10	U	U	ug/l	SW846 8270
Dibenzofuran	132-64-9	10	10	U	U	ug/l	SW846 8270
Diethyl Phthalate	84-66-2	10	10	U	U	ug/l	SW846 827
Dimethyl Phthalate	131-11-3	10	10	U	U	ug/l	SW846 82
Fluoranthene	206-44-0	10	10	U	U	ug/l	SW846 827

Location: NA
Sample ID: ER041 **Depth:** NA
COE Sample ID: FH046-ER041/02-05-97
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	10	10	U	U	ug/l	SW846 8270
Hexachlorobenzene	118-74-1	10	10	U	U	ug/l	SW846 8270
Hexachlorobutadiene	87-68-3	10	10	U	U	ug/l	SW846 8270
Hexachlorocyclopentadiene	77-47-4	10	10	U	U	ug/l	SW846 8270
Hexachloroethane	67-72-1	10	10	U	U	ug/l	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	10	10	U	U	ug/l	SW846 8270
Isophorone	78-59-1	10	10	U	U	ug/l	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	10	10	U	U	ug/l	SW846 8270
N-Nitrosodiphenylamine	86-30-6	10	10	U	U	ug/l	SW846 8270
Naphthalene	91-20-3	10	10	U	U	ug/l	SW846 8270
Nitrobenzene	98-95-3	10	10	U	U	ug/l	SW846 8270
Pentachlorophenol	87-86-5	50	50	U	U	ug/l	SW846 8270
Phenanthrene	85-01-8	10	10	U	U	ug/l	SW846 8270
Phenol	108-95-2	10	10	U	U	ug/l	SW846 8270
Pyrene	129-00-0	10	10	U	U	ug/l	SW846 8270
Pyridine	110-86-1	50	50	U	U	ug/l	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/l	SW846 8260
Acetone	67-64-1	9	5			ug/l	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/l	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/l	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/l	SW846 8260

Location: NA
Sample ID: ER041 **Depth:** NA
COE Sample ID: FH046-ER041/02-05-97
Date Collected: 2/5/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/l	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/l	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/l	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/l	SW846 8260

Location: NA
Sample ID: TB054 **Depth:** NA
COE Sample ID: FH046-TB054/02-07-97
Date Collected: 2/7/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	1	5	J	J	ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/l	SW846 8260
Acetone	67-64-1	5	5	U	U	ug/l	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/l	SW846 8260

Location: NA
Sample ID: TB054 **Depth:** NA
COE Sample ID: FH046-TB054/02-07-97
Date Collected: 2/7/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Bromoform	75-25-2	5	5	U	U	ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/l	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/l	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/l	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/l	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/l	SW846 8260

Location: NA
Sample ID: ER073 **Depth:** NA
COE Sample ID: FH046-ER073/04-02-97
Date Collected: 4/2/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.1	2.1	U	U	ug/l	SW846 6010
Barium	7440-39-3	0.5	0.30	B		ug/l	SW846 6010
Cadmium	7440-43-9	0.3	0.30	U	U	ug/l	SW846 6010
Chromium	7440-47-3	1	1.0	U	U	ug/l	SW846 6010
Lead	7439-92-1	7.9	0.90			ug/l	SW846 6010
Mercury	7439-97-6	0.1	0.10	U	U	ug/l	SW846 7470
Selenium	7782-49-2	2.2	2.2	U	U	ug/l	SW846 7740
Silver	7440-22-4	1	1.0	U	U	ug/l	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	10	10	U	U	ug/l	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	10	10	U	U	ug/l	SW846 8270
1,2-Dichlorobenzene	95-50-1	10	10	U	U	ug/l	SW846 8270
1,3-Dichlorobenzene	541-73-1	10	10	U	U	ug/l	SW846 8270
1,4-Dichlorobenzene	106-46-7	10	10	U	U	ug/l	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	10	10	U	U	ug/l	SW846 8270
2,4,5-Trichlorophenol	95-95-4	50	50	U	U	ug/l	SW846 8270
2,4,6-Trichlorophenol	88-06-2	10	10	U	U	ug/l	SW846 8270
2,4-Dichlorophenol	120-83-2	10	10	U	U	ug/l	SW846 8270
2,4-Dimethylphenol	105-67-9	10	10	U	U	ug/l	SW846 8270
2,4-Dinitrophenol	51-28-5	50	50	U	U	ug/l	SW846 8270
2,4-Dinitrotoluene	121-14-2	10	10	U	U	ug/l	SW846 8270

Location: NA
Sample ID: ER073 **Depth:** NA
COE Sample ID: FH046-ER073/04-02-97
Date Collected: 4/2/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,6-Dinitrotoluene	606-20-2	10	10	U	U	ug/l	SW846 8270
2-Chloronaphthalene	91-58-7	10	10	U	U	ug/l	SW846 8270
2-Chlorophenol	95-57-8	10	10	U	U	ug/l	SW846 8270
2-Methylnaphthalene	91-57-6	10	10	U	U	ug/l	SW846 8270
2-Methylphenol	95-48-7	10	10	U	U	ug/l	SW846 8270
2-Nitroaniline	88-74-4	50	50	U	U	ug/l	SW846 8270
2-Nitrophenol	88-75-5	10	10	U	U	ug/l	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	20	20	U	U	ug/l	SW846 8270
3-Nitroaniline	99-09-2	50	50	U	U	ug/l	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	50	50	U	U	ug/l	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	10	10	U	U	ug/l	SW846 8270
4-chloro-3-methylphenol	59-50-7	10	10	U	U	ug/l	SW846 8270
4-Chloroaniline	106-47-8	10	10	U	U	ug/l	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	10	10	U	U	ug/l	SW846 8270
4-Methylphenol	106-44-5	10	10	U	U	ug/l	SW846 8270
4-Nitroaniline	100-01-6	50	50	U	U	ug/l	SW846 8270
4-Nitrophenol	100-02-7	50	50	U	U	ug/l	SW846 8270
Acenaphthene	83-32-9	10	10	U	U	ug/l	SW846 8270
Acenaphthylene	208-96-8	10	10	U	U	ug/l	SW846 8270
Anthracene	120-12-7	10	10	U	U	ug/l	SW846 8270
Benzo(a)anthracene	56-55-3	10	10	U	U	ug/l	SW846 8270
Benzo(a)pyrene	50-32-8	10	10	U	U	ug/l	SW846 8270
Benzo(b)fluoranthene	205-99-2	10	10	U	U	ug/l	SW846 8270
Benzo(g,h,i)perylene	191-24-2	10	10	U	U	ug/l	SW846 8270
Benzo(k)fluoranthene	207-08-9	10	10	U	U	ug/l	SW846 8270
Benzoic Acid	65-85-0	50	50	U	U	ug/l	SW846 8270
Benzyl Alcohol	100-51-6	10	10	U	U	ug/l	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	10	10	U	U	ug/l	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	10	10	U	U	ug/l	SW846 82[illegible]
Bis(2-ethylhexyl)phthalate	117-81-7	10	10	U	U	ug/l	SW846 82[illegible]
Butyl Benzyl Phthalate	85-68-7	10	10	U	U	ug/l	SW846 8270
Chrysene	218-01-9	10	10	U	U	ug/l	SW846 8270
Di-n-butyl Phthalate	84-74-2	10	10	U	U	ug/l	SW846 8270
Di-n-octyl Phthalate	117-84-0	10	10	U	U	ug/l	SW846 8270
Dibenz(a,h)anthracene	53-70-3	10	10	U	U	ug/l	SW846 8270
Dibenzofuran	132-64-9	10	10	U	U	ug/l	SW846 8270
Diethyl Phthalate	84-66-2	10	10	U	U	ug/l	SW846 8270
Dimethyl Phthalate	131-11-3	10	10	U	U	ug/l	SW846 8270
Fluoranthene	206-44-0	10	10	U	U	ug/l	SW846 8270
Fluorene	86-73-7	10	10	U	U	ug/l	SW846 8270
Hexachlorobenzene	118-74-1	10	10	U	U	ug/l	SW846 8270
Hexachlorobutadiene	87-68-3	10	10	U	U	ug/l	SW846 8270
Hexachlorocyclopentadiene	77-47-4	10	10	U	U	ug/l	SW846 8270
Hexachloroethane	67-72-1	10	10	U	U	ug/l	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	10	10	U	U	ug/l	SW846 8270
Isophorone	78-59-1	10	10	U	U	ug/l	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	10	10	U	U	ug/l	SW846 8270
N-Nitrosodiphenylamine	86-30-6	10	10	U	U	ug/l	SW846 8270
Naphthalene	91-20-3	10	10	U	U	ug/l	SW846 8270
Nitrobenzene	98-95-3	10	10	U	U	ug/l	SW846 8270
Pentachlorophenol	87-86-5	50	50	U	U	ug/l	SW846 8270
Phenanthrene	85-01-8	10	10	U	U	ug/l	SW846 8270
Phenol	108-95-2	10	10	U	U	ug/l	SW846 8270
Pyrene	129-00-0	10	10	U	U	ug/l	SW846 8270
Pyridine	110-86-1	50	50	U	U	ug/l	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/l	SW846 82[illegible]
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/l	SW846 826[illegible]

Location: NA
Sample ID: ER073 **Depth:** NA
COE Sample ID: FH046-ER073/04-02-97
Date Collected: 4/2/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/l	SW846 8260
Acetone	67-64-1	10	5			ug/l	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/l	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/l	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/l	SW846 8260
Methylene Chloride	75-09-2	1	5	J	J	ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/l	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/l	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/l	SW846 8260

Location: NA
Sample ID: TB114 **Depth:** NA
COE Sample ID: FH046-TB114/09-12-97
Date Collected: 9/12/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U		ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U		ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U		ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U		ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U		ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U		ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U		ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U		ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U		ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U		ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U		ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U		ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U		ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U		ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U		ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U		ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U		ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U		ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U		ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U		ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U		ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U		ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U		ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U		ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U		ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U		ug/l	SW846 826
Acetone	67-64-1	5	5	U		ug/l	SW846 826
Benzene	71-43-2	5	5	U		ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U		ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U		ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U		ug/l	SW846 8260
Bromoform	75-25-2	5	5	U		ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U		ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U		ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U		ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U		ug/l	SW846 8260
Chloroform	67-66-3	5	5	U		ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U		ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U		ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U		ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U		ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U		ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U		ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U		ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U		ug/l	SW846 8260
Methylene Chloride	75-09-2	30	5	B		ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U		ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U		ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U		ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U		ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U		ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U		ug/l	SW846 8260
Styrene	100-42-5	5	5	U		ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U		ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U		ug/l	SW846 8260
Toluene	108-88-3	5	5	U		ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U		ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U		ug/l	SW846 826
Vinyl Chloride	75-01-4	5	5	U		ug/l	SW846 826

Location: NA
Sample ID: ER082 **Depth:** NA
COE Sample ID: FH046-ER082/09-17-97
Date Collected: 9/17/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
INORGANICS							
Arsenic	7440-38-2	2.1	2.1	U		ug/l	SW846 6010
Barium	7440-39-3	1.9	0.3	B		ug/l	SW846 6010
Cadmium	7440-43-9	1.4	0.3	B		ug/l	SW846 6010
Chromium	7440-47-3	1.3	1.0	B		ug/l	SW846 6010
Lead	7439-92-1	0.9	0.9	U		ug/l	SW846 6010
Mercury	7439-97-6	0.1	0.1	U		ug/l	SW846 7470
Selenium	7782-49-2	2.3	2.2	WB		ug/l	SW846 6010
Silver	7440-22-4	1	1.0	U		ug/l	SW846 6010
SEMIVOLATILE ORGANICS							
1,2,4,5-Tetrachlorobenzene	95-94-3	10	10	U		ug/l	SW846 8270
1,2,4-Trichlorobenzene	120-82-1	10	10	U		ug/l	SW846 8270
1,2-Dichlorobenzene	95-50-1	10	10	U		ug/l	SW846 8270
1,3-Dichlorobenzene	541-73-1	10	10	U		ug/l	SW846 8270
1,4-Dichlorobenzene	106-46-7	10	10	U		ug/l	SW846 8270
2,2'-oxybis(1-chloropropane)	108-60-1	10	10	U		ug/l	SW846 8270
2,4,5-Trichlorophenol	95-95-4	50	50	U		ug/l	SW846 8270
2,4,6-Trichlorophenol	88-06-2	10	10	U		ug/l	SW846 8270
2,4-Dichlorophenol	120-83-2	10	10	U		ug/l	SW846 8270
2,4-Dimethylphenol	105-67-9	10	10	U		ug/l	SW846 8270
2,4-Dinitrophenol	51-28-5	50	50	U		ug/l	SW846 8270
2,4-Dinitrotoluene	121-14-2	10	10	U		ug/l	SW846 8270
2,6-Dinitrotoluene	606-20-2	10	10	U		ug/l	SW846 8270
2-Chloronaphthalene	91-58-7	10	10	U		ug/l	SW846 8270
2-Chlorophenol	95-57-8	10	10	U		ug/l	SW846 8270
2-Methylnaphthalene	91-57-6	10	10	U		ug/l	SW846 8270
2-Methylphenol	95-48-7	10	10	U		ug/l	SW846 8270
2-Nitroaniline	88-74-4	50	50	U		ug/l	SW846 8270
2-Nitrophenol	88-75-5	10	10	U		ug/l	SW846 8270
3,3'-Dichlorobenzidine	91-94-1	20	20	U		ug/l	SW846 8270
3-Nitroaniline	99-09-2	50	50	U		ug/l	SW846 8270
4,6-Dinitro-o-Cresol	534-52-1	50	50	U		ug/l	SW846 8270
4-Bromophenyl-phenyl Ether	101-55-3	10	10	U		ug/l	SW846 8270
4-chloro-3-methylphenol	59-50-7	10	10	U		ug/l	SW846 8270
4-Chloroaniline	106-47-8	10	10	U		ug/l	SW846 8270
4-Chlorophenyl-phenylether	7005-72-3	10	10	U		ug/l	SW846 8270
4-Methylphenol	106-44-5	10	10	U		ug/l	SW846 8270
4-Nitroaniline	100-01-6	50	50	U		ug/l	SW846 8270
4-Nitrophenol	100-02-7	50	50	U		ug/l	SW846 8270
Acenaphthene	83-32-9	10	10	U		ug/l	SW846 8270
Acenaphthylene	208-96-8	10	10	U		ug/l	SW846 8270
Anthracene	120-12-7	10	10	U		ug/l	SW846 8270
Benzo(a)anthracene	56-55-3	10	10	U		ug/l	SW846 8270
Benzo(a)pyrene	50-32-8	10	10	U		ug/l	SW846 8270
Benzo(b)fluoranthene	205-99-2	10	10	U		ug/l	SW846 8270
Benzo(g,h,i)perylene	191-24-2	10	10	U		ug/l	SW846 8270
Benzo(k)fluoranthene	207-08-9	10	10	U		ug/l	SW846 8270
Benzoic Acid	65-85-0	21	50	J		ug/l	SW846 8270
Benzyl Alcohol	100-51-6	2	10	J		ug/l	SW846 8270
Bis(2-chloroethoxy)methane	111-91-1	10	10	U		ug/l	SW846 8270
Bis(2-chloroethyl)ether	111-44-4	10	10	U		ug/l	SW846 8270
Bis(2-ethylhexyl)phthalate	117-81-7	10	10	U		ug/l	SW846 8270
Butyl Benzyl Phthalate	85-68-7	10	10	U		ug/l	SW846 8270
Chrysene	218-01-9	10	10	U		ug/l	SW846 8270
Di-n-butyl Phthalate	84-74-2	10	10	U		ug/l	SW846 8270
Di-n-octyl Phthalate	117-84-0	10	10	U		ug/l	SW846 8270
Dibenz(a,h)anthracene	53-70-3	10	10	U		ug/l	SW846 8270
Dibenzofuran	132-64-9	10	10	U		ug/l	SW846 8270
Diethyl Phthalate	84-66-2	10	10	U		ug/l	SW846 8270
Dimethyl Phthalate	131-11-3	10	10	U		ug/l	SW846 8270
Fluoranthene	206-44-0	10	10	U		ug/l	SW846 8270

Location: NA
Sample ID: ER082 **Depth:** NA
COE Sample ID: FH046-ER082/09-17-97
Date Collected: 9/17/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Fluorene	86-73-7	10	10	U		ug/l	SW846 8270
Hexachlorobenzene	118-74-1	10	10	U		ug/l	SW846 8270
Hexachlorobutadiene	87-68-3	10	10	U		ug/l	SW846 8270
Hexachlorocyclopentadiene	77-47-4	10	10	U		ug/l	SW846 8270
Hexachloroethane	67-72-1	10	10	U		ug/l	SW846 8270
Indeno(1,2,3-cd)pyrene	193-39-5	10	10	U		ug/l	SW846 8270
Isophorone	78-59-1	10	10	U		ug/l	SW846 8270
N-Nitroso-di-n-propylamine	621-64-7	10	10	U		ug/l	SW846 8270
N-Nitrosodiphenylamine	86-30-6	10	10	U		ug/l	SW846 8270
Naphthalene	91-20-3	10	10	U		ug/l	SW846 8270
Nitrobenzene	98-95-3	10	10	U		ug/l	SW846 8270
Pentachlorophenol	87-86-5	50	50	U		ug/l	SW846 8270
Phenanthrene	85-01-8	10	10	U		ug/l	SW846 8270
Phenol	108-95-2	10	10	U		ug/l	SW846 8270
Pyrene	129-00-0	10	10	U		ug/l	SW846 8270
Pyridine	110-86-1	50	50	U		ug/l	SW846 8270
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U		ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U		ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U		ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U		ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U		ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U		ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U		ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U		ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U		ug/l	SW846 826
1,2-cis-Dichloroethene	156-59-2	5	5	U		ug/l	SW846 826
1,2-dibromo-3-chloropropane	96-12-8	5	5	U		ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U		ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U		ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U		ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U		ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U		ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U		ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U		ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U		ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U		ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U		ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U		ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U		ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U		ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U		ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U		ug/l	SW846 8260
Acetone	67-64-1	5	5	U		ug/l	SW846 8260
Benzene	71-43-2	5	5	U		ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U		ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U		ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U		ug/l	SW846 8260
Bromoform	75-25-2	5	5	U		ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U		ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U		ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U		ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U		ug/l	SW846 8260
Chloroform	67-66-3	5	5	U		ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U		ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U		ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U		ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U		ug/l	SW846 826
Ethylbenzene	100-41-4	5	5	U		ug/l	SW846 826

Location: NA
Sample ID: ER082 **Depth:** NA
COE Sample ID: FH046-ER082/09-17-97
Date Collected: 9/17/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Hexachlorobutadiene	87-68-3	5	5	U		ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U		ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U		ug/l	SW846 8260
Methylene Chloride	75-09-2	24	5	B		ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U		ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U		ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U		ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U		ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U		ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U		ug/l	SW846 8260
Styrene	100-42-5	5	5	U		ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U		ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U		ug/l	SW846 8260
Toluene	108-88-3	5	5	U		ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U		ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U		ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U		ug/l	SW846 8260

Location: NA
Sample ID: TB115 **Depth:** NA
COE Sample ID: FH046-TB110/09-17-97
Date Collected: 9/17/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U		ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U		ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U		ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U		ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U		ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U		ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U		ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U		ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U		ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U		ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U		ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U		ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U		ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U		ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U		ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U		ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U		ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U		ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U		ug/l	SW846 8260
1,3-Dichloropropane	142-28-9	5	5	U		ug/l	SW846 8260
1,4-Dichlorobenzene	106-46-7	5	5	U		ug/l	SW846 8260
2,2-Dichloropropane	594-20-7	5	5	U		ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U		ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U		ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U		ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U		ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U		ug/l	SW846 8260
Acetone	67-64-1	5	5	U		ug/l	SW846 8260
Benzene	71-43-2	5	5	U		ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U		ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U		ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U		ug/l	SW846 8260

Location: NA
Sample ID: TB115 **Depth:** NA
COE Sample ID: FH046-TB110/09-17-97
Date Collected: 9/17/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
Bromoform	75-25-2	5	5	U		ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U		ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U		ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U		ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U		ug/l	SW846 8260
Chloroform	67-66-3	5	5	U		ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U		ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U		ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U		ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U		ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U		ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U		ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U		ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U		ug/l	SW846 8260
Methylene Chloride	75-09-2	26	5	B		ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U		ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U		ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U		ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U		ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U		ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U		ug/l	SW846 8260
Styrene	100-42-5	5	5	U		ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U		ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U		ug/l	SW846 8260
Toluene	108-88-3	5	5	U		ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U		ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U		ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U		ug/l	SW846 8260

Location: NA
Sample ID: TB117 **Depth:** NA
COE Sample ID: FH046-TB110/09-19-97
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
VOLATILE ORGANICS							
1,1,1,2-Tetrachloroethane	630-20-6	5	5	U	U	ug/l	SW846 8260
1,1,1-Trichloroethane	71-55-6	5	5	U	U	ug/l	SW846 8260
1,1,2,2-Tetrachloroethane	79-34-5	5	5	U	U	ug/l	SW846 8260
1,1,2-Trichloroethane	79-00-5	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethane	75-34-3	5	5	U	U	ug/l	SW846 8260
1,1-Dichloroethene	75-35-4	5	5	U	U	ug/l	SW846 8260
1,1-Dichloropropene	563-58-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichlorobenzene	87-61-6	5	5	U	U	ug/l	SW846 8260
1,2,3-Trichloropropane	96-18-4	5	5	U	U	ug/l	SW846 8260
1,2,4-Trichlorobenzene	120-82-1	5	5	U	U	ug/l	SW846 8260
1,2,4-trimethylbenzene	95-63-6	5	5	U	U	ug/l	SW846 8260
1,2-cis-Dichloroethene	156-59-2	5	5	U	U	ug/l	SW846 8260
1,2-dibromo-3-chloropropane	96-12-8	5	5	U	U	ug/l	SW846 8260
1,2-Dibromoethane	106-93-4	5	5	U	U	ug/l	SW846 8260
1,2-Dichlorobenzene	95-50-1	5	5	U	U	ug/l	SW846 8260
1,2-Dichloroethane	107-06-2	5	5	U	U	ug/l	SW846 8260
1,2-Dichloropropane	78-87-5	5	5	U	U	ug/l	SW846 8260
1,2-trans-Dichloroethene	156-60-5	5	5	U	U	ug/l	SW846 8260
1,3,5-trimethylbenzene	108-67-8	5	5	U	U	ug/l	SW846 8260
1,3-Dichlorobenzene	541-73-1	5	5	U	U	ug/l	SW846 826[illegible]
1,3-Dichloropropane	142-28-9	5	5	U	U	ug/l	SW846 82[illegible]
1,4-Dichlorobenzene	106-46-7	5	5	U	U	ug/l	SW846 826[illegible]

Location: NA
Sample ID: TB117 **Depth:** NA
COE Sample ID: FH046-TB110/09-19-97
Date Collected: 9/19/97

Parameter	CAS Number	Result	Detection Limit	Lab Qual	Data Qual	Units	Method
2,2-Dichloropropane	594-20-7	5	5	U	U	ug/l	SW846 8260
2-Butanone	78-93-3	5	5	U	U	ug/l	SW846 8260
2-Chlorotoluene	95-49-8	5	5	U	U	ug/l	SW846 8260
2-Hexanone	591-78-6	5	5	U	U	ug/l	SW846 8260
4-Chlorotoluene	106-43-4	5	5	U	U	ug/l	SW846 8260
4-Methyl-2-pentanone	108-10-1	5	5	U	U	ug/l	SW846 8260
Acetone	67-64-1	5	5	U	U	ug/l	SW846 8260
Benzene	71-43-2	5	5	U	U	ug/l	SW846 8260
Bromobenzene	108-86-1	5	5	U	U	ug/l	SW846 8260
Bromochloromethane	74-97-5	5	5	U	U	ug/l	SW846 8260
Bromodichloromethane	75-27-4	5	5	U	U	ug/l	SW846 8260
Bromoform	75-25-2	5	5	U	U	ug/l	SW846 8260
Bromomethane	74-83-9	5	5	U	U	ug/l	SW846 8260
Carbon Tetrachloride	56-23-5	5	5	U	U	ug/l	SW846 8260
Chlorobenzene	108-90-7	5	5	U	U	ug/l	SW846 8260
Chloroethane	75-00-3	5	5	U	U	ug/l	SW846 8260
Chloroform	67-66-3	5	5	U	U	ug/l	SW846 8260
Chloromethane	74-87-3	5	5	U	U	ug/l	SW846 8260
Dibromochloromethane	124-48-1	5	5	U	U	ug/l	SW846 8260
Dibromomethane	74-95-3	5	5	U	U	ug/l	SW846 8260
Dichlorodifluoromethane	75-71-8	5	5	U	U	ug/l	SW846 8260
Ethylbenzene	100-41-4	5	5	U	U	ug/l	SW846 8260
Hexachlorobutadiene	87-68-3	5	5	U	U	ug/l	SW846 8260
Isopropyl Benzene	98-82-8	5	5	U	U	ug/l	SW846 8260
m,p-Xylene	13-302-07	5	5	U	U	ug/l	SW846 8260
Methylene Chloride	75-09-2	5	5	U	U	ug/l	SW846 8260
n-Butylbenzene	104-51-8	5	5	U	U	ug/l	SW846 8260
n-propylbenzene	103-65-1	5	5	U	U	ug/l	SW846 8260
Naphthalene	91-20-3	5	5	U	U	ug/l	SW846 8260
o-Xylene	95-47-6	5	5	U	U	ug/l	SW846 8260
p-Isopropyltoluene	99-87-6	5	5	U	U	ug/l	SW846 8260
sec-Butylbenzene	135-98-8	5	5	U	U	ug/l	SW846 8260
Styrene	100-42-5	5	5	U	U	ug/l	SW846 8260
tert-Butylbenzene	98-06-6	5	5	U	U	ug/l	SW846 8260
Tetrachloroethene	127-18-4	5	5	U	U	ug/l	SW846 8260
Toluene	108-88-3	5	5	U	U	ug/l	SW846 8260
Trichloroethene	79-01-6	5	5	U	U	ug/l	SW846 8260
Trichlorofluoromethane	75-69-4	5	5	U	U	ug/l	SW846 8260
Vinyl Chloride	75-01-4	5	5	U	U	ug/l	SW846 8260

* Laboratory Qualifiers

INORGANIC LABORATORY QUALIFIER FLAGS	
U	The analyte was analyzed for but not detected.
B	The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
E	The reported value is estimated because or the presence of interference.
M	Duplicate injection precision not met.
N	Spike sample recovery not within control limits.
S	The reported value was determined by the Method of Standard Additions (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
*	Duplicate analysis not within control limits.
+	Correlation coefficient for the MSA is less than 0.995.

ORGANIC LABORATORY QUALIFIER FLAGS	
U	Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10 U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor the sample quantitation limit for phenol (330 U) would be corrected to: $\frac{(330U)}{D} \times df$ where $D = \frac{100 - \%moisture}{100}$ And df = dilution factor at 24% moisture $D = \frac{100-24}{100} = 0.76$ $\frac{(330U)}{.76} \times 10 = 4300$ U rounded to the appropriate number of significant figures
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero. For example, if the sample quantitation limit is 10 ug/L but a concentration of 3 ug/L is calculated, report it as 3J. The sample quantitation limit must be adjusted for both dilution and percent moisture as discussed for the U flag, so that if a sample with 24% moisture and a 1 to 10 dilution factor has a calculated concentration of 300 ug/Kg and a sample quantitation limit of 430 ug/Kg, report the concentration as 300J.
N	Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported and flagged with a " P".
C	This flag applies to pesticide results where the identification has been confirmed GC/MS. Single component pesticides greater than or equal to 10 ng/ul in the final extract shall be confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank as well in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified TCL compound.

ORGANIC LABORATORY QUALIFIER FLAGS	
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than full scale the sample or extract must be diluted and reanalyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on separate Forms I.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is reanalyzed at a higher dilution factor, as in the "E" flag above all concentration values reported on that Form I are flagged with the "D" flag.
A	This flag indicates that a TIC is a suspected adol-condensation product
X	Over specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such descriptions attached to the Sample Data Summary Package and the Case Narrative. If more than one is required use "Y" and "Z", as needed. If more than five qualifiers are required for a sample result use the "X" flag to combine several flags, as needed. For instance the "X" flag might combine the "A", "B", and "D" flags for some sample.

** Data Qualifiers

DATA VALIDATION QUALIFIER FLAGS	
U	The analyte was analyzed for but not detected.
J	The reported value is estimated because or the presence of interference.
R	The reported value is rejected.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB101

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23406.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	3	J
67-64-1	ACETONE	11	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	10	
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB101

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23406.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	8	
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	4	J
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB102

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23407.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 11 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	3	J
67-64-1	ACETONE	8	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	2	J
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB102

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23407.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 11 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB103

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23408.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	U
67-64-1	ACETONE	6	
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	3	J
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB103

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23408.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB104

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23409.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 27 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	7	U
74-83-9	BROMOMETHANE	7	U
75-01-4	VINYL CHLORIDE	7	U
75-00-3	CHLOROETHANE	7	U
75-09-2	METHYLENE CHLORIDE	4	J
67-64-1	ACETONE	69	
75-35-4	1 1-DICHLOROETHENE	7	U
75-34-3	1 1-DICHLOROETHANE	7	U
67-66-3	CHLOROFORM	7	U
107-06-2	1 2-DICHLOROETHANE	7	U
78-93-3	2-BUTANONE	11	
71-55-6	1 1 1-TRICHLOROETHANE	7	U
56-23-5	CARBON TETRACHLORIDE	7	U
75-27-4	BROMODICHLOROMETHANE	7	U
78-87-5	1 2-DICHLOROPROPANE	7	U
79-01-6	TRICHLOROETHENE	7	U
124-48-1	DIBROMOCHLOROMETHANE	7	U
79-00-5	1 1 2-TRICHLOROETHANE	7	U
71-43-2	BENZENE	7	U
75-25-2	BROMOFORM	7	U
108-10-1	4-METHYL-2-PENTANONE	7	U
591-78-6	2-HEXANONE	7	U
127-18-4	TETRACHLOROETHENE	7	U
108-88-3	TOLUENE	7	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	7	U
108-90-7	CHLOROBENZENE	7	U
100-41-4	ETHYL BENZENE	7	U
100-42-5	STYRENE	7	U
156-59-2	cis-1 2-DICHLOROETHENE	7	U
156-60-5	trans-1 2-DICHLOROETHENE	7	U
13-302-07	m,p-XYLENES	7	U
95-47-6	o-XYLENE	7	U
106-93-4	1 2-DIBROMOETHANE	7	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB104

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23409.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 27 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	7	U
75-71-8	DICHLORODIFLUOROMETHANE	7	U
75-69-4	TRICHLOROFLUOROMETHANE	7	U
74-95-3	DIBROMOMETHANE	7	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	7	U
108-86-1	BROMOBENZENE	7	U
104-51-8	n-BUTYLBENZENE	7	U
98-06-6	tert-BUTYLBENZENE	7	U
135-98-8	sec-BUTYLBENZENE	7	U
95-49-8	2-CHLOROTOLUENE	7	U
106-43-4	4-CHLOROTOLUENE	7	U
95-50-1	1 2-DICHLOROBENZENE	7	U
541-73-1	1 3-DICHLOROBENZENE	7	U
106-46-7	1 4-DICHLOROBENZENE	7	U
142-28-9	1 3-DICHLOROPROPANE	7	U
594-20-7	2 2-DICHLOROPROPANE	7	U
563-58-6	1 1-DICHLOROPROPENE	7	U
87-68-3	HEXACHLOROBUTADIENE	7	U
98-82-8	ISOPROPYLBENZENE	7	U
99-87-6	p-ISOPROPYLTOLUENE	7	U
91-20-3	NAPHTHALENE	7	U
103-65-1	n-PROPYLBENZENE	7	U
87-61-6	1 2 3-TRICHLOROBENZENE	7	U
120-82-1	1 2 4-TRICHLOROBENZENE	7	U
95-63-6	1 2 4-TRIMETHYLBENZENE	7	U
108-67-8	1 3 5-TRIMETHYLBENZENE	7	U
74-97-5	BROMOCHLOROMETHANE	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB105

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23410.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	4	J
67-64-1	ACETONE	11	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	53	
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB105

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23410.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB106

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23411.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	U
67-64-1	ACETONE	14	
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	9	
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB106

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23411.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 Date Analyzed: 02/14/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB107

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.11

Sample wt/vol: 5.0 g/mL) G Lab File ID: C23421.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 8 Date Analyzed: 02/17/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	3	J
67-64-1	ACETONE	38	
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB107

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.11

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23421.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 8 Date Analyzed: 02/17/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB108

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23422.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 10 Date Analyzed: 02/17/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	3	J
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	12	
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB108

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23422.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 10 Date Analyzed: 02/17/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB108RE

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.12RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23430.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 10 Date Analyzed: 02/17/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	2	J
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	21	
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB108RE

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.12RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23430.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 10 Date Analyzed: 02/17/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB101

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.05

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20493.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 10.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB101

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.05

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20493.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 10.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB101

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.05

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20493.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 10.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB102

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20494.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 11 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

FORM I SV-1

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB102

ıb Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20494.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 11 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB102

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20494.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 11 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB103

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20495.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB103

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20495.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	42	J
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB103

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20495.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB104

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20496.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 27 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	450	U
111-44-4	bis(2-Chloroethyl)ether	450	U
95-57-8	2-Chlorophenol	450	U
541-73-1	1,3-Dichlorobenzene	450	U
106-46-7	1,4-Dichlorobenzene	450	U
100-51-6	Benzyl alcohol	450	U
95-50-1	1,2-Dichlorobenzene	450	U
95-48-7	2-Methylphenol	450	U
108-60-1	bis(2-Chloroisopropyl)ether	450	U
106-44-5	4-Methylphenol	450	U
621-64-7	N-Nitroso-di-n-propylamine	450	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	450	U
78-59-1	Isophorone	450	U
88-75-5	2-Nitrophenol	450	U
105-67-9	2,4-Dimethylphenol	450	U
65-85-0	Benzoic Acid	2200	U
111-91-1	bis(2-Chloroethoxy)methane	450	U
120-83-2	2,4-Dichlorophenol	450	U
120-82-1	1,2,4-Trichlorobenzene	450	U
91-20-3	Naphthalene	450	U
106-47-8	4-Chloroaniline	450	U
87-68-3	Hexachlorobutadiene	450	U
59-50-7	4-Chloro-3-methylphenol	450	U
91-57-6	2-Methylnaphthalene	450	U
77-47-4	Hexachlorocyclopentadiene	450	U
88-06-2	2,4,6-Trichlorophenol	450	U
95-95-4	2,4,5-Trichlorophenol	2200	U
91-58-7	2-Chloronaphthalene	450	U
88-74-4	2-Nitroaniline	2200	U
131-11-3	Dimethylphthalate	450	U
208-96-8	Acenaphthylene	450	U
606-20-2	2,6-Dinitrotoluene	450	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB104

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20496.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 27 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2200	U
83-32-9	Acenaphthene	450	U
121-14-2	2,4-Dinitrotoluene	450	U
51-28-5	2,4-Dinitrophenol	2200	U
100-02-7	4-Nitrophenol	2200	U
132-64-9	Dibenzofuran	450	U
84-66-2	Diethylphthalate	450	U
7005-72-3	4-Chlorophenyl-phenylether	450	U
86-73-7	Fluorene	450	U
100-01-6	4-Nitroaniline	2200	U
534-52-1	4,6-Dinitro-2-methylphenol	2200	U
86-30-6	N-Nitrosodiphenylamine (1)	450	U
101-55-3	4-Bromophenylphenylether	450	U
118-74-1	Hexachlorobenzene	450	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	Phenanthrene	450	U
120-12-7	Anthracene	450	U
84-74-2	Di-n-butylphthalate	450	U
206-44-0	Fluoranthene	450	U
129-00-0	Pyrene	450	U
85-68-7	Butylbenzylphthalate	450	U
91-94-1	3,3'-Dichlorobenzidine	900	U
56-55-3	Benzo(a)anthracene	450	U
218-01-9	Chrysene	450	U
117-81-7	bis(2-Ethylhexyl)phthalate	86	J
117-84-0	Di-n-octylphthalate	450	U
205-99-2	Benzo(b)fluoranthene	450	U
207-08-9	Benzo(k)fluoranthene	450	U
50-32-8	Benzo(a)pyrene	450	U
193-39-5	Indeno(1,2,3-cd)pyrene	450	U
53-70-3	Dibenz(a,h)anthracene	450	U
191-24-2	Benzo(g,h,i)perylene	450	U
110-86-1	Pyridine	450	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB104

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20496.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 27 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	450	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB105

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20497.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

FORM I SV-1

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB105

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20497.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB105

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20497.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 14 dec. Date Extracted:02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB106

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20498.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB106

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20498.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB106

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20498.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 9 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB107

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.11

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20499.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 8 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB107

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.11

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20499.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 8 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB107

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.11

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20499.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 8 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

FORM I SV-3

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40905

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28409 SAS No.: SDG No.: 28409A

Matrix (soil/water): SOIL Lab Sample ID: 28409.05

Level (low/med): LOW Date Received: 02/06/97

% Solids: 85.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.8			P
7440-39-3	Barium	73.7			P
7440-43-9	Cadmium	0.23	B		P
7440-47-3	Chromium	17.7			P
7439-92-1	Lead	121		E	P
7439-97-6	Mercury	0.17			AV
7782-49-2	Selenium	1.6	U	W	F
7440-22-4	Silver	0.22	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID = 46SB101

FORM I - IN

ILM02.1

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40906

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____

Lab Code: SWOK__ Case No.: 28409 SAS No.: _____ SDG No.: 28409A

Matrix (soil/water): SOIL_ Lab Sample ID: 28409.06__

Level (low/med): LOW__ Date Received: 02/06/97

% Solids: _89.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	5.5			P
7440-39-3	Barium___	19.8			P
7440-43-9	Cadmium__	0.05	B		P
7440-47-3	Chromium_	6.3			P
7439-92-1	Lead____	3.8		E	P
7439-97-6	Mercury__	0.04	U		AV
7782-49-2	Selenium_	0.31	U	W	F
7440-22-4	Silver___	0.21	U		P

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

CLIENT_ID_=_46SB102

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ILM02.1

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40907

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28409 SAS No.: SDG No.: 28409A

Matrix (soil/water): SOIL Lab Sample ID: 28409.07

Level (low/med): LOW Date Received: 02/06/97

% Solids: 90.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2			P
7440-39-3	Barium	9.6			P
7440-43-9	Cadmium	0.07	B		P
7440-47-3	Chromium	7.1			P
7439-92-1	Lead	3.5		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.31	U	W	F
7440-22-4	Silver	0.21	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID = 46SB103

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ILM02.1

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40908

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28409 SAS No.: SDG No.: 28409A

Matrix (soil/water): SOIL Lab Sample ID: 28409.08

Level (low/med): LOW Date Received: 02/06/97

% Solids: 73.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.8			P
7440-39-3	Barium	172			P
7440-43-9	Cadmium	0.28	B		P
7440-47-3	Chromium	19.1			P
7439-92-1	Lead	19.5		E	P
7439-97-6	Mercury	0.05	U		AV
7782-49-2	Selenium	1.9	U	E	F
7440-22-4	Silver	0.26	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID_=_46SB104

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ILM02.1

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40909

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28409 SAS No.: SDG No.: 28409A

Matrix (soil/water): SOIL Lab Sample ID: 28409.09

Level (low/med): LOW Date Received: 02/06/97

% Solids: 85.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.4			P
7440-39-3	Barium	76.0			P
7440-43-9	Cadmium	0.15	B		P
7440-47-3	Chromium	6.3			P
7439-92-1	Lead	3.6		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.33	U	W	F
7440-22-4	Silver	0.22	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID_=_46SB105

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ILM02.1

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40910

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28409 SAS No.: SDG No.: 28409A

Matrix (soil/water): SOIL Lab Sample ID: 28409.10

Level (low/med): LOW Date Received: 02/06/97

% Solids: 90.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.6			P
7440-39-3	Barium	10.9			P
7440-43-9	Cadmium	0.09	B		P
7440-47-3	Chromium	4.9			P
7439-92-1	Lead	3.1		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.5	U	W	F
7440-22-4	Silver	0.21	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID = 46SB106

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ILM02.1

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40911

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28409 SAS No.: SDG No.: 28409A

Matrix (soil/water): SOIL Lab Sample ID: 28409.11

Level (low/med): LOW Date Received: 02/06/97

% Solids: 91.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.0			P
7440-39-3	Barium	12.5			P
7440-43-9	Cadmium	0.05	B		P
7440-47-3	Chromium	8.1			P
7439-92-1	Lead	2.8		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.5	U	W	F
7440-22-4	Silver	0.21	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID = 46SB107

FORM I - IN

ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23450.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 Date Analyzed: 02/18/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	15	
67-64-1	ACETONE	5	U
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23450.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 Date Analyzed: 02/18/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109RE

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23459.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 Date Analyzed: 02/18/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	6	
67-64-1	ACETONE	2	J
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109RE

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23459.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 Date Analyzed: 02/18/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB110

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23451.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 15 Date Analyzed: 02/18/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	16	
67-64-1	ACETONE	34	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB110

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23451.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 15 Date Analyzed: 02/18/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	50	
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB111

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23452.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 12 Date Analyzed: 02/18/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	8	
67-64-1	ACETONE	38	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB111

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23452.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 12 Date Analyzed: 02/18/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB112

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K18359.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 22 Date Analyzed: 04/10/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	9	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	4	J
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB112

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K18359.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 22 Date Analyzed: 04/10/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB113

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K18360.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 31 Date Analyzed: 04/10/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	7	U
74-83-9	BROMOMETHANE	7	U
75-01-4	VINYL CHLORIDE	7	U
75-00-3	CHLOROETHANE	7	U
75-09-2	METHYLENE CHLORIDE	3	J
67-64-1	ACETONE	13	
75-35-4	1 1-DICHLOROETHENE	7	U
75-34-3	1 1-DICHLOROETHANE	7	U
67-66-3	CHLOROFORM	7	U
107-06-2	1 2-DICHLOROETHANE	7	U
78-93-3	2-BUTANONE	7	U
71-55-6	1 1 1-TRICHLOROETHANE	7	U
56-23-5	CARBON TETRACHLORIDE	7	U
75-27-4	BROMODICHLOROMETHANE	7	U
78-87-5	1 2-DICHLOROPROPANE	7	U
79-01-6	TRICHLOROETHENE	14	
124-48-1	DIBROMOCHLOROMETHANE	7	U
79-00-5	1 1 2-TRICHLOROETHANE	7	U
71-43-2	BENZENE	7	U
75-25-2	BROMOFORM	7	U
108-10-1	4-METHYL-2-PENTANONE	7	U
591-78-6	2-HEXANONE	7	U
127-18-4	TETRACHLOROETHENE	7	U
108-88-3	TOLUENE	7	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	7	U
108-90-7	CHLOROBENZENE	7	U
100-41-4	ETHYL BENZENE	7	U
100-42-5	STYRENE	7	U
156-59-2	cis-1 2-DICHLOROETHENE	7	U
156-60-5	trans-1 2-DICHLOROETHENE	7	U
13-302-07	m,p-XYLENES	7	U
95-47-6	o-XYLENE	7	U
106-93-4	1 2-DIBROMOETHANE	7	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	7	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB113

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K18360.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 31 Date Analyzed: 04/10/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	7	U
75-71-8	DICHLORODIFLUOROMETHANE	7	U
75-69-4	TRICHLOROFLUOROMETHANE	7	U
74-95-3	DIBROMOMETHANE	7	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	7	U
108-86-1	BROMOBENZENE	7	U
104-51-8	n-BUTYLBENZENE	7	U
98-06-6	tert-BUTYLBENZENE	7	U
135-98-8	sec-BUTYLBENZENE	7	U
95-49-8	2-CHLOROTOLUENE	7	U
106-43-4	4-CHLOROTOLUENE	7	U
95-50-1	1 2-DICHLOROBENZENE	7	U
541-73-1	1 3-DICHLOROBENZENE	7	U
106-46-7	1 4-DICHLOROBENZENE	7	U
142-28-9	1 3-DICHLOROPROPANE	7	U
594-20-7	2 2-DICHLOROPROPANE	7	U
563-58-6	1 1-DICHLOROPROPENE	7	U
87-68-3	HEXACHLOROBUTADIENE	7	U
98-82-8	ISOPROPYLBENZENE	7	U
99-87-6	p-ISOPROPYLTOLUENE	7	U
91-20-3	NAPHTHALENE	7	U
103-65-1	n-PROPYLBENZENE	7	U
87-61-6	1 2 3-TRICHLOROBENZENE	7	U
120-82-1	1 2 4-TRICHLOROBENZENE	7	U
95-63-6	1 2 4-TRIMETHYLBENZENE	7	U
108-67-8	1 3 5-TRIMETHYLBENZENE	7	U
74-97-5	BROMOCHLOROMETHANE	7	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB114

ab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K18361.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 11 Date Analyzed: 04/10/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	17	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	4	J
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB108

.b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.12

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20500.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 10 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB108

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.12

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20500.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 10 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB108

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.12

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20500.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 10 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11286.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11286.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	43	J
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11286.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-9403	1,2,4,5-Tetrachlorobenzene	350	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109RE

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07RA

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11308.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/12/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109RE

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07RA

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11308.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/12/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB109RE

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.07RA

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11308.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 7 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/12/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-9403	1,2,4,5-Tetrachlorobenzene	350	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB110

ᵓb Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11283.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 15 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	1200	
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB110

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11283.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 15 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
110-86-1	Pyridine	390	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB110

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11283.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 15 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-9403	1,2,4,5-Tetrachlorobenzene	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB111

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11284.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 12 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB111

·b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11284.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 12 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB111

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28426

Matrix: (soil/water) SOIL Lab Sample ID: 28426.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: P11284.D

Level: (low/med) LOW Date Received: 02/07/97

% Moisture: not dec. 12 dec. Date Extracted: 02/08/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-9403	1,2,4,5-Tetrachlorobenzene	380	U

FORM I SV-3

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40912

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28409 SAS No.: SDG No.: 28409A

Matrix (soil/water): SOIL Lab Sample ID: 28409.12

Level (low/med): LOW Date Received: 02/06/97

% Solids: 89.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.9			P
7440-39-3	Barium	19.0			P
7440-43-9	Cadmium	0.08	B		P
7440-47-3	Chromium	13.7			P
7439-92-1	Lead	5.0		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.6	U	W	F
7440-22-4	Silver	0.21	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID_=_46SB108

FORM I - IN

ILM02.1

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

42607

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28426 SAS No.: SDG No.: 28426A

Matrix (soil/water): SOIL Lab Sample ID: 28426.07

Level (low/med): LOW Date Received: 02/07/97

% Solids: 93.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.8			P
7440-39-3	Barium	14.9			P
7440-43-9	Cadmium	0.19	B	N	P
7440-47-3	Chromium	2.8		E	P
7439-92-1	Lead	5.9		N	P
7439-97-6	Mercury	0.04	U	N	AV
7782-49-2	Selenium	1.5	U	N	F
7440-22-4	Silver	0.20	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID_=_46SB109

FORM I - IN

ILM02.1

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

42608

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28426 SAS No.: SDG No.: 28426A

Matrix (soil/water): SOIL Lab Sample ID: 28426.08

Level (low/med): LOW Date Received: 02/07/97

% Solids: 84.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.8			P
7440-39-3	Barium	44.2			P
7440-43-9	Cadmium	0.15	B	N	P
7440-47-3	Chromium	5.3		E	P
7439-92-1	Lead	3.5		N	P
7439-97-6	Mercury	0.04	U	N	AV
7782-49-2	Selenium	0.33	U	WN	F
7440-22-4	Silver	0.22	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID_=_46SB110

FORM I - IN

ILM02.1

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

42609

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 28426 SAS No.: SDG No.: 28426A
Matrix (soil/water): SOIL Lab Sample ID: 28426.09
Level (low/med): LOW Date Received: 02/07/97
% Solids: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.5			P
7440-39-3	Barium	10.5			P
7440-43-9	Cadmium	0.10	B	N	P
7440-47-3	Chromium	3.3		E	P
7439-92-1	Lead	2.4		N	P
7439-97-6	Mercury	0.04	U	N	AV
7782-49-2	Selenium	1.6	U	WN	F
7440-22-4	Silver	0.22	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:
CLIENT_ID_=_46SB111

FORM I - IN

ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB114

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K18361.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 11 Date Analyzed: 04/10/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	11	
135-98-8	sec-BUTYLBENZENE	4	J
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	23	
103-65-1	n-PROPYLBENZENE	3	J
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB112

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S9307.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 22 dec. Date Extracted: 04/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	bis(2-Chloroisopropyl)ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB112

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S9307.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 22 dec. Date Extracted: 04/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	420	U
121-14-2	2,4-Dinitrotoluene	420	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	850	U
56-55-3	Benzo(a)anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)phthalate	420	U
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenz(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U
110-86-1	Pyridine	420	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB112

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S9307.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 22 dec. Date Extracted: 04/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	420	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB113

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S9308.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 31 dec. Date Extracted: 04/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	480	U
111-44-4	bis(2-Chloroethyl)ether	480	U
95-57-8	2-Chlorophenol	480	U
541-73-1	1,3-Dichlorobenzene	480	U
106-46-7	1,4-Dichlorobenzene	480	U
100-51-6	Benzyl alcohol	480	U
95-50-1	1,2-Dichlorobenzene	480	U
95-48-7	2-Methylphenol	480	U
108-60-1	bis(2-Chloroisopropyl)ether	480	U
106-44-5	4-Methylphenol	480	U
621-64-7	N-Nitroso-di-n-propylamine	480	U
67-72-1	Hexachloroethane	480	U
98-95-3	Nitrobenzene	480	U
78-59-1	Isophorone	480	U
88-75-5	2-Nitrophenol	480	U
105-67-9	2,4-Dimethylphenol	480	U
65-85-0	Benzoic Acid	2300	U
111-91-1	bis(2-Chloroethoxy)methane	480	U
120-83-2	2,4-Dichlorophenol	480	U
120-82-1	1,2,4-Trichlorobenzene	480	U
91-20-3	Naphthalene	480	U
106-47-8	4-Chloroaniline	480	U
87-68-3	Hexachlorobutadiene	480	U
59-50-7	4-Chloro-3-methylphenol	480	U
91-57-6	2-Methylnaphthalene	480	U
77-47-4	Hexachlorocyclopentadiene	480	U
88-06-2	2,4,6-Trichlorophenol	480	U
95-95-4	2,4,5-Trichlorophenol	2300	U
91-58-7	2-Chloronaphthalene	480	U
88-74-4	2-Nitroaniline	2300	U
131-11-3	Dimethylphthalate	480	U
208-96-8	Acenaphthylene	480	U
606-20-2	2,6-Dinitrotoluene	480	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB113

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S9308.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 31 dec. Date Extracted: 04/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2300	U
83-32-9	Acenaphthene	480	U
121-14-2	2,4-Dinitrotoluene	480	U
51-28-5	2,4-Dinitrophenol	2300	U
100-02-7	4-Nitrophenol	2300	U
132-64-9	Dibenzofuran	480	U
84-66-2	Diethylphthalate	480	U
7005-72-3	4-Chlorophenyl-phenylether	480	U
86-73-7	Fluorene	480	U
100-01-6	4-Nitroaniline	2300	U
534-52-1	4,6-Dinitro-2-methylphenol	2300	U
86-30-6	N-Nitrosodiphenylamine (1)	480	U
101-55-3	4-Bromophenylphenylether	480	U
118-74-1	Hexachlorobenzene	480	U
87-86-5	Pentachlorophenol	2300	U
85-01-8	Phenanthrene	480	U
120-12-7	Anthracene	480	U
84-74-2	Di-n-butylphthalate	480	U
206-44-0	Fluoranthene	480	U
129-00-0	Pyrene	480	U
85-68-7	Butylbenzylphthalate	480	U
91-94-1	3,3'-Dichlorobenzidine	960	U
56-55-3	Benzo(a)anthracene	480	U
218-01-9	Chrysene	480	U
117-81-7	bis(2-Ethylhexyl)phthalate	480	U
117-84-0	Di-n-octylphthalate	480	U
205-99-2	Benzo(b)fluoranthene	480	U
207-08-9	Benzo(k)fluoranthene	480	U
50-32-8	Benzo(a)pyrene	480	U
193-39-5	Indeno(1,2,3-cd)pyrene	480	U
53-70-3	Dibenz(a,h)anthracene	480	U
191-24-2	Benzo(g,h,i)perylene	480	U
110-86-1	Pyridine	480	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB113

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S9308.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 31 dec. Date Extracted: 04/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	480	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB114

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S9309.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 11 dec. Date Extracted: 04/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB114

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S9309.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 11 dec. Date Extracted: 04/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB114

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 29028

Matrix: (soil/water) SOIL Lab Sample ID: 29028.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S9309.D

Level: (low/med) LOW Date Received: 04/05/97

% Moisture: not dec. 11 dec. Date Extracted: 04/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/09/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

FORM I SV-3

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

02807

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____

Lab Code: SWOK__ Case No.: 29028 SAS No.: _____ SDG No.: 29028A

Matrix (soil/water): SOIL_ Lab Sample ID: 29028.07

Level (low/med): LOW__ Date Received: 04/05/97

% Solids: _78.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	6.5	_		P_
7440-39-3	Barium___	102	_		P_
7440-43-9	Cadmium__	0.15	B		P_
7440-47-3	Chromium_	17.0	_		P_
7439-92-1	Lead____	9.1	_	N*	P_
7439-97-6	Mercury__	0.04	U		AV
7782-49-2	Selenium_	1.4	U	W	F_
7440-22-4	Silver___	0.22	U		P_

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

CLIENT_ID_=_46SB112

U.S. EPA - CLP

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

02808

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 29028 SAS No.: SDG No.: 29028A
Matrix (soil/water): SOIL Lab Sample ID: 29028.08
Level (low/med): LOW Date Received: 04/05/97
% Solids: 69.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.9			P
7440-39-3	Barium	188			P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	24.0			P
7439-92-1	Lead	16.1		N*	P
7439-97-6	Mercury	0.05	U		AV
7782-49-2	Selenium	0.32	U	W	F
7440-22-4	Silver	0.25	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:
CLIENT_ID_=_46SB113

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

02809

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 29028 SAS No.: _____ SDG No.: 29028A
Matrix (soil/water): SOIL_ Lab Sample ID: 29028.09
Level (low/med): LOW__ Date Received: 04/05/97
% Solids: _89.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	2.5			P_
7440-39-3	Barium___	20.8			P_
7440-43-9	Cadmium__	0.06	B		P_
7440-47-3	Chromium_	7.8			P_
7439-92-1	Lead____	1.8		N*	P_
7439-97-6	Mercury__	0.04	U		AV
7782-49-2	Selenium_	1.2	U	N	F_
7440-22-4	Silver___	0.19	U		P_

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID_=_46SB114

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB115

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31077

Matrix: (soil/water) SOIL Lab Sample ID: 31077.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: R28178.D

Level: (low/med) LOW Date Received: 09/19/97

% Moisture: not dec. 10 Date Analyzed: 09/22/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	30	B
67-64-1	ACETONE	21	B
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB115

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31077

Matrix: (soil/water) SOIL Lab Sample ID: 31077.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: R28178.D

Level: (low/med) LOW Date Received: 09/19/97

% Moisture: not dec. 10 Date Analyzed: 09/22/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB115

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31077

Matrix: (soil/water) SOIL Lab Sample ID: 31077.01

Sample wt/vol: 31.0 (g/mL) G Lab File ID: T23559.D

Level: (low/med) LOW Date Received: 09/19/97

% Moisture: not dec. 10 dec. Date Extracted: 09/22/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/04/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	130	JB
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB115

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31077

Matrix: (soil/water) SOIL Lab Sample ID: 31077.01

Sample wt/vol: 31.0 (g/mL) G Lab File ID: T23559.D

Level: (low/med) LOW Date Received: 09/19/97

% Moisture: not dec. 10 dec. Date Extracted: 09/22/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/04/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB115

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31077

Matrix: (soil/water) SOIL Lab Sample ID: 31077.01

Sample wt/vol: 31.0 (g/mL) G Lab File ID: T23559.D

Level: (low/med) LOW Date Received: 09/19/97

% Moisture: not dec. 10 dec. Date Extracted: 09/22/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/04/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB115RE

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31077

Matrix: (soil/water) SOIL Lab Sample ID: 31077.01RE

Sample wt/vol: 30.3 (g/mL) G Lab File ID: T23633.D

Level: (low/med) LOW Date Received: 09/19/97

% Moisture: not dec. 10 dec. Date Extracted: 10/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB115RE

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31077

Matrix: (soil/water) SOIL Lab Sample ID: 31077.01RE

Sample wt/vol: 30.3 (g/mL) G Lab File ID: T23633.D

Level: (low/med) LOW Date Received: 09/19/97

% Moisture: not dec. 10 dec. Date Extracted: 10/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	160	J
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	82	J
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB115RE

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31077

Matrix: (soil/water) SOIL Lab Sample ID: 31077.01RE

Sample wt/vol: 30.3 (g/mL) G Lab File ID: T23633.D

Level: (low/med) LOW Date Received: 09/19/97

% Moisture: not dec. 10 dec. Date Extracted: 10/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/10/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB115

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 31077 SAS No.: SDG No.: 31077A

Matrix (soil/water): SOIL Lab Sample ID: 31077.01

Level (low/med): LOW Date Received: 09/19/97

% Solids: 90.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.4			P
7440-39-3	Barium	41.9			P
7440-43-9	Cadmium	0.34	B		P
7440-47-3	Chromium	7.3		E	P
7439-92-1	Lead	4.5			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	W	F
7440-22-4	Silver	0.19	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB116

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2713.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 10 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	5	JB
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB116

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2713.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 10 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB117

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2714.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 9 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	JB
67-64-1	ACETONE	5	U
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB117

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2714.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 9 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB118

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2715.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	4	JB
67-64-1	ACETONE	5	U
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB118

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2715.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB119

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2716.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	JB
67-64-1	ACETONE	5	U
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB119

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2716.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB120

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2736.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 7 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	U
67-64-1	ACETONE	5	U
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB120

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2736.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 7 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB121

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2737.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB121

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2737.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB122

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.11

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2719.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	2	JB
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB122

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.11

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2719.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB123

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2720.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 16 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	4	JB
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB123

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2720.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 16 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB124

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2738.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 11 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB124

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2738.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 11 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB125

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.14

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2722.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 17 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	5	JB
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB125

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.14

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2722.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 17 Date Analyzed: 09/29/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB126

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.15

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2739.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 8 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	U
67-64-1	ACETONE	5	U
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB126

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.15

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2739.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 8 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB116

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.05

Sample wt/vol: 30.7 (g/mL) G Lab File ID: T23655.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 10 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB116

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.05

Sample wt/vol: 30.7 (g/mL) G Lab File ID: T23655.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 10 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB116

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.05

Sample wt/vol: 30.7 (g/mL) G Lab File ID: T23655.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 10 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB117

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.06

Sample wt/vol: 30.4 (g/mL) G Lab File ID: T23656.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 9 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB117

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.06

Sample wt/vol: 30.4 (g/mL) G Lab File ID: T23656.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 9 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	47	JB
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB117

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.06

Sample wt/vol: 30.4 (g/mL) G Lab File ID: T23656.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 9 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB118

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.07

Sample wt/vol: 30.8 (g/mL) G Lab File ID: T23657.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 6.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-Chloroisopropyl)ether	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB118

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.07

Sample wt/vol: 30.8 (g/mL) G Lab File ID: T23657.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 6.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenylphenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-butylphthalate	150	JB
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	680	U
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
53-70-3	Dibenz(a,h)anthracene	340	U
191-24-2	Benzo(g,h,i)perylene	340	U
110-86-1	Pyridine	340	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB118

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.07

Sample wt/vol: 30.8 (g/mL) G Lab File ID: T23657.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 6.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB119

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.08

Sample wt/vol: 30.3 (g/mL) G Lab File ID: T23658.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB119

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.08

Sample wt/vol: 30.3 (g/mL) G Lab File ID: T23658.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	700	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	38	JB
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB119

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.08

Sample wt/vol: 30.3 (g/mL) G Lab File ID: T23658.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 6 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB120

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.09

Sample wt/vol: 30.1 (g/mL) G Lab File ID: T23659.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 7 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB120

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.09

Sample wt/vol: 30.1 (g/mL) G Lab File ID: T23659.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 7 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB120

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.09

Sample wt/vol: 30.1 (g/mL) G Lab File ID: T23659.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 7 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB121

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.10

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23660.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB121

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.10

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23660.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	170	JB
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB121

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.10

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23660.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/11/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB122

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.11

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23678.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB122

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.11

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23678.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	170	JB
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB122

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.11

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23678.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 14 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB123

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.12

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T23679.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 16 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB123

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.12

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T23679.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 16 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	53	JB
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
110-86-1	Pyridine	390	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB123

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.12

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T23679.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 16 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U

FORM I SV-3

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB124

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2738.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 11 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB124

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2738.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 11 Date Analyzed: 09/30/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB124

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.13

Sample wt/vol: 30.8 (g/mL) G Lab File ID: T23680.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 11 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB124

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.13

Sample wt/vol: 30.8 (g/mL) G Lab File ID: T23680.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 11 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	170	JB
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB124

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.13

Sample wt/vol: 30.8 (g/mL) G Lab File ID: T23680.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 11 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB125

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.14

Sample wt/vol: 30.7 (g/mL) G Lab File ID: T23681.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 17 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB125

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.14

Sample wt/vol: 30.7 (g/mL) G Lab File ID: T23681.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 17 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
110-86-1	Pyridine	390	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB125

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.14

Sample wt/vol: 30.7 (g/mL) G Lab File ID: T23681.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 17 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB126

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.15

Sample wt/vol: 30.4 (g/mL) G Lab File ID: T23682.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 8 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB126

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.15

Sample wt/vol: 30.4 (g/mL) G Lab File ID: T23682.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 8 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB126

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.15

Sample wt/vol: 30.4 (g/mL) G Lab File ID: T23682.D

Level: (low/med) LOW Date Received: 09/23/97

% Moisture: not dec. 8 dec. Date Extracted: 09/25/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB116

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A

Matrix (soil/water): SOIL Lab Sample ID: 31138.05

Level (low/med): LOW Date Received: 09/23/97

% Solids: 90.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.1			P
7440-39-3	Barium	15.3			P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	3.3			P
7439-92-1	Lead	1.9		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	W	F
7440-22-4	Silver	0.19	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB117

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A
Matrix (soil/water): SOIL Lab Sample ID: 31138.06
Level (low/med): LOW Date Received: 09/23/97
% Solids: 90.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.9			P
7440-39-3	Barium	28.4			P
7440-43-9	Cadmium	0.06	B		P
7440-47-3	Chromium	6.3			P
7439-92-1	Lead	1.1		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U		F
7440-22-4	Silver	0.19	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB119

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A
Matrix (soil/water): SOIL Lab Sample ID: 31138.08
Level (low/med): LOW Date Received: 09/23/97
% Solids: 93.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.3			P
7440-39-3	Barium	8.0			P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	3.3			P
7439-92-1	Lead	0.96		E	P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	1.2	U	W	F
7440-22-4	Silver	0.18	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB120

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A

Matrix (soil/water): SOIL Lab Sample ID: 31138.09

Level (low/med): LOW Date Received: 09/23/97

% Solids: 93.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.0			P
7440-39-3	Barium	9.4			P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	3.4			P
7439-92-1	Lead	1.3		E	P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	1.2	U	W	F
7440-22-4	Silver	0.18	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB121

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A

Matrix (soil/water): SOIL Lab Sample ID: 31138.10

Level (low/med): LOW Date Received: 09/23/97

% Solids: 86.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.5			P
7440-39-3	Barium	36.2			P
7440-43-9	Cadmium	0.16	B		P
7440-47-3	Chromium	6.2			P
7439-92-1	Lead	1.9		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	W	F
7440-22-4	Silver	0.20	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB122

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A

Matrix (soil/water): SOIL Lab Sample ID: 31138.11

Level (low/med): LOW Date Received: 09/23/97

% Solids: 86.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.3			P
7440-39-3	Barium	13.5			P
7440-43-9	Cadmium	0.06	U		P
7440-47-3	Chromium	4.2			P
7439-92-1	Lead	1.5		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	W	F
7440-22-4	Silver	0.20	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB123

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A

Matrix (soil/water): SOIL Lab Sample ID: 31138.12

Level (low/med): LOW Date Received: 09/23/97

% Solids: 83.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.3			P
7440-39-3	Barium	18.4			P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	6.4			P
7439-92-1	Lead	2.2		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	W	F
7440-22-4	Silver	0.20	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB124

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A

Matrix (soil/water): SOIL Lab Sample ID: 31138.13

Level (low/med): LOW Date Received: 09/23/97

% Solids: 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.6			P
7440-39-3	Barium	19.5			P
7440-43-9	Cadmium	0.06	B		P
7440-47-3	Chromium	5.8			P
7439-92-1	Lead	3.3		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	W	F
7440-22-4	Silver	0.19	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB125

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A

Matrix (soil/water): SOIL Lab Sample ID: 31138.14

Level (low/med): LOW Date Received: 09/23/97

% Solids: 83.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.6			P
7440-39-3	Barium	92.6			P
7440-43-9	Cadmium	0.16	B		P
7440-47-3	Chromium	9.8			P
7439-92-1	Lead	3.1		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	W	F
7440-22-4	Silver	0.20	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB126

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A

Matrix (soil/water): SOIL Lab Sample ID: 31138.15

Level (low/med): LOW Date Received: 09/23/97

% Solids: 91.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.9			P
7440-39-3	Barium	11.9			P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	3.8			P
7439-92-1	Lead	1.6		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	W	F
7440-22-4	Silver	0.18	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27316.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 Date Analyzed: 06/05/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	69	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	52	
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	5	J
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	24	
95-47-6	o-XYLENE	5	J
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27316.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 Date Analyzed: 06/05/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	120	
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	78	
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	30	
99-87-6	p-ISOPROPYLTOLUENE	390	E
91-20-3	NAPHTHALENE	3200	E
103-65-1	n-PROPYLBENZENE	70	
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	1700	E
108-67-8	1 3 5-TRIMETHYLBENZENE	93	
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127DL

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12DL

Sample wt/vol: 4.0 (g/mL) G Lab File ID: UL5239.D

Level: (low/med) MED Date Received: 06/04/98

% Moisture: not dec. 19 Date Analyzed: 06/09/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	760	U
74-83-9	BROMOMETHANE	760	U
75-01-4	VINYL CHLORIDE	760	U
75-00-3	CHLOROETHANE	760	U
75-09-2	METHYLENE CHLORIDE	400	JD
67-64-1	ACETONE	760	U
75-35-4	1 1-DICHLOROETHENE	760	U
75-34-3	1 1-DICHLOROETHANE	760	U
67-66-3	CHLOROFORM	760	U
107-06-2	1 2-DICHLOROETHANE	760	U
78-93-3	2-BUTANONE	760	U
71-55-6	1 1 1-TRICHLOROETHANE	760	U
56-23-5	CARBON TETRACHLORIDE	760	U
75-27-4	BROMODICHLOROMETHANE	760	U
78-87-5	1 2-DICHLOROPROPANE	760	U
79-01-6	TRICHLOROETHENE	760	U
124-48-1	DIBROMOCHLOROMETHANE	760	U
79-00-5	1 1 2-TRICHLOROETHANE	760	U
71-43-2	BENZENE	760	U
75-25-2	BROMOFORM	760	U
108-10-1	4-METHYL-2-PENTANONE	760	U
591-78-6	2-HEXANONE	760	U
127-18-4	TETRACHLOROETHENE	760	U
108-88-3	TOLUENE	760	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	760	U
108-90-7	CHLOROBENZENE	760	U
100-41-4	ETHYL BENZENE	760	U
100-42-5	STYRENE	760	U
156-59-2	cis-1 2-DICHLOROETHENE	760	U
156-60-5	trans-1 2-DICHLOROETHENE	760	U
13-302-07	m,p-XYLENES	760	U
95-47-6	o-XYLENE	760	U
106-93-4	1 2-DIBROMOETHANE	760	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	760	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127DL

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12DL

Sample wt/vol: 4.0 (g/mL) G Lab File ID: UL5239.D

Level: (low/med) MED Date Received: 06/04/98

% Moisture: not dec. 19 Date Analyzed: 06/09/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	760	U
75-71-8	DICHLORODIFLUOROMETHANE	760	U
75-69-4	TRICHLOROFLUOROMETHANE	760	U
74-95-3	DIBROMOMETHANE	760	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	760	U
108-86-1	BROMOBENZENE	760	U
104-51-8	n-BUTYLBENZENE	650	JD
98-06-6	tert-BUTYLBENZENE	760	U
135-98-8	sec-BUTYLBENZENE	760	U
95-49-8	2-CHLOROTOLUENE	760	U
106-43-4	4-CHLOROTOLUENE	760	U
95-50-1	1 2-DICHLOROBENZENE	760	U
541-73-1	1 3-DICHLOROBENZENE	760	U
106-46-7	1 4-DICHLOROBENZENE	760	U
142-28-9	1 3-DICHLOROPROPANE	760	U
594-20-7	2 2-DICHLOROPROPANE	760	U
563-58-6	1 1-DICHLOROPROPENE	760	U
87-68-3	HEXACHLOROBUTADIENE	760	U
98-82-8	ISOPROPYLBENZENE	760	U
99-87-6	p-ISOPROPYLTOLUENE	1600	D
91-20-3	NAPHTHALENE	5100	D
103-65-1	n-PROPYLBENZENE	760	U
87-61-6	1 2 3-TRICHLOROBENZENE	760	U
120-82-1	1 2 4-TRICHLOROBENZENE	760	U
95-63-6	1 2 4-TRIMETHYLBENZENE	3700	D
108-67-8	1 3 5-TRIMETHYLBENZENE	760	U
74-97-5	BROMOCHLOROMETHANE	760	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB128

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27347.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	17	B
67-64-1	ACETONE	210	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	3	J
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	J
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB128

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27347.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	3	J
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	8	
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB128RE

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.13RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27365.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 Date Analyzed: 06/11/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	22	B
67-64-1	ACETONE	99	B
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	3	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	2	J
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	5	J
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB128RE

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.13RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27365.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 Date Analyzed: 06/11/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	3	J
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	7	
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB129

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.14

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27348.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	15	B
67-64-1	ACETONE	15	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB129

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.14

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27348.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27319.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 Date Analyzed: 06/05/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	7	U
74-83-9	BROMOMETHANE	7	U
75-01-4	VINYL CHLORIDE	7	U
75-00-3	CHLOROETHANE	7	U
75-09-2	METHYLENE CHLORIDE	7	U
67-64-1	ACETONE	220	
75-35-4	1 1-DICHLOROETHENE	7	U
75-34-3	1 1-DICHLOROETHANE	7	U
67-66-3	CHLOROFORM	7	U
107-06-2	1 2-DICHLOROETHANE	7	U
78-93-3	2-BUTANONE	45	
71-55-6	1 1 1-TRICHLOROETHANE	7	U
56-23-5	CARBON TETRACHLORIDE	7	U
75-27-4	BROMODICHLOROMETHANE	7	U
78-87-5	1 2-DICHLOROPROPANE	7	U
79-01-6	TRICHLOROETHENE	7	U
124-48-1	DIBROMOCHLOROMETHANE	7	U
79-00-5	1 1 2-TRICHLOROETHANE	7	U
71-43-2	BENZENE	7	U
75-25-2	BROMOFORM	7	U
108-10-1	4-METHYL-2-PENTANONE	7	U
591-78-6	2-HEXANONE	7	U
127-18-4	TETRACHLOROETHENE	7	U
108-88-3	TOLUENE	31	
79-34-5	1 1 2 2-TETRACHLOROETHANE	7	U
108-90-7	CHLOROBENZENE	7	U
100-41-4	ETHYL BENZENE	35	
100-42-5	STYRENE	7	U
156-59-2	cis-1 2-DICHLOROETHENE	7	U
156-60-5	trans-1 2-DICHLOROETHENE	7	U
13-302-07	m,p-XYLENES	31	
95-47-6	o-XYLENE	6	J
106-93-4	1 2-DIBROMOETHANE	7	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27319.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 Date Analyzed: 06/05/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	7	U
75-71-8	DICHLORODIFLUOROMETHANE	7	U
75-69-4	TRICHLOROFLUOROMETHANE	7	U
74-95-3	DIBROMOMETHANE	7	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	7	U
108-86-1	BROMOBENZENE	7	U
104-51-8	n-BUTYLBENZENE	39	
98-06-6	tert-BUTYLBENZENE	7	U
135-98-8	sec-BUTYLBENZENE	25	
95-49-8	2-CHLOROTOLUENE	7	U
106-43-4	4-CHLOROTOLUENE	7	U
95-50-1	1 2-DICHLOROBENZENE	7	U
541-73-1	1 3-DICHLOROBENZENE	7	U
106-46-7	1 4-DICHLOROBENZENE	7	U
142-28-9	1 3-DICHLOROPROPANE	7	U
594-20-7	2 2-DICHLOROPROPANE	7	U
563-58-6	1 1-DICHLOROPROPENE	7	U
87-68-3	HEXACHLOROBUTADIENE	7	U
98-82-8	ISOPROPYLBENZENE	11	
99-87-6	p-ISOPROPYLTOLUENE	82	
91-20-3	NAPHTHALENE	520	E
103-65-1	n-PROPYLBENZENE	30	
87-61-6	1 2 3-TRICHLOROBENZENE	7	U
120-82-1	1 2 4-TRICHLOROBENZENE	7	U
95-63-6	1 2 4-TRIMETHYLBENZENE	390	E
108-67-8	1 3 5-TRIMETHYLBENZENE	56	
74-97-5	BROMOCHLOROMETHANE	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130DL

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15DL

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27349.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 3.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	20	U
74-83-9	BROMOMETHANE	20	U
75-01-4	VINYL CHLORIDE	20	U
75-00-3	CHLOROETHANE	20	U
75-09-2	METHYLENE CHLORIDE	41	BD
67-64-1	ACETONE	180	D
75-35-4	1 1-DICHLOROETHENE	20	U
75-34-3	1 1-DICHLOROETHANE	20	U
67-66-3	CHLOROFORM	20	U
107-06-2	1 2-DICHLOROETHANE	20	U
78-93-3	2-BUTANONE	41	D
71-55-6	1 1 1-TRICHLOROETHANE	20	U
56-23-5	CARBON TETRACHLORIDE	20	U
75-27-4	BROMODICHLOROMETHANE	20	U
78-87-5	1 2-DICHLOROPROPANE	20	U
79-01-6	TRICHLOROETHENE	20	U
124-48-1	DIBROMOCHLOROMETHANE	20	U
79-00-5	1 1 2-TRICHLOROETHANE	20	U
71-43-2	BENZENE	20	U
75-25-2	BROMOFORM	20	U
108-10-1	4-METHYL-2-PENTANONE	20	U
591-78-6	2-HEXANONE	20	U
127-18-4	TETRACHLOROETHENE	20	U
108-88-3	TOLUENE	10	JD
79-34-5	1 1 2 2-TETRACHLOROETHANE	20	U
108-90-7	CHLOROBENZENE	20	U
100-41-4	ETHYL BENZENE	25	D
100-42-5	STYRENE	20	U
156-59-2	cis-1 2-DICHLOROETHENE	20	U
156-60-5	trans-1 2-DICHLOROETHENE	20	U
13-302-07	m,p-XYLENES	24	D
95-47-6	o-XYLENE	20	U
106-93-4	1 2-DIBROMOETHANE	20	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	20	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130DL

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15DL

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27349.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 3.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	20	U
75-71-8	DICHLORODIFLUOROMETHANE	20	U
75-69-4	TRICHLOROFLUOROMETHANE	20	U
74-95-3	DIBROMOMETHANE	20	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	20	U
108-86-1	BROMOBENZENE	20	U
104-51-8	n-BUTYLBENZENE	42	D
98-06-6	tert-BUTYLBENZENE	20	U
135-98-8	sec-BUTYLBENZENE	26	D
95-49-8	2-CHLOROTOLUENE	20	U
106-43-4	4-CHLOROTOLUENE	20	U
95-50-1	1 2-DICHLOROBENZENE	20	U
541-73-1	1 3-DICHLOROBENZENE	20	U
106-46-7	1 4-DICHLOROBENZENE	20	U
142-28-9	1 3-DICHLOROPROPANE	20	U
594-20-7	2 2-DICHLOROPROPANE	20	U
563-58-6	1 1-DICHLOROPROPENE	20	U
87-68-3	HEXACHLOROBUTADIENE	20	U
98-82-8	ISOPROPYLBENZENE	11	JD
99-87-6	p-ISOPROPYLTOLUENE	65	D
91-20-3	NAPHTHALENE	480	D
103-65-1	n-PROPYLBENZENE	24	D
87-61-6	1 2 3-TRICHLOROBENZENE	20	U
120-82-1	1 2 4-TRICHLOROBENZENE	20	U
95-63-6	1 2 4-TRIMETHYLBENZENE	350	D
108-67-8	1 3 5-TRIMETHYLBENZENE	48	D
74-97-5	BROMOCHLOROMETHANE	20	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB131

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.19

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27370.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 Date Analyzed: 06/11/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	33	B
67-64-1	ACETONE	51	B
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB131

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.19

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27370.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 Date Analyzed: 06/11/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB132

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.20

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27354.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 10 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	12	B
67-64-1	ACETONE	5	J
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	3	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB132

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.20

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27354.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 10 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	10	
135-98-8	sec-BUTYLBENZENE	8	
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	2	J
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	J
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB133

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.21

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27355.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 14 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	29	U
74-83-9	BROMOMETHANE	29	U
75-01-4	VINYL CHLORIDE	29	U
75-00-3	CHLOROETHANE	29	U
75-09-2	METHYLENE CHLORIDE	71	B
67-64-1	ACETONE	38	
75-35-4	1 1-DICHLOROETHENE	29	U
75-34-3	1 1-DICHLOROETHANE	29	U
67-66-3	CHLOROFORM	29	U
107-06-2	1 2-DICHLOROETHANE	29	U
78-93-3	2-BUTANONE	29	U
71-55-6	1 1 1-TRICHLOROETHANE	29	U
56-23-5	CARBON TETRACHLORIDE	29	U
75-27-4	BROMODICHLOROMETHANE	29	U
78-87-5	1 2-DICHLOROPROPANE	29	U
79-01-6	TRICHLOROETHENE	29	U
124-48-1	DIBROMOCHLOROMETHANE	29	U
79-00-5	1 1 2-TRICHLOROETHANE	29	U
71-43-2	BENZENE	29	U
75-25-2	BROMOFORM	29	U
108-10-1	4-METHYL-2-PENTANONE	29	U
591-78-6	2-HEXANONE	29	U
127-18-4	TETRACHLOROETHENE	29	U
108-88-3	TOLUENE	18	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	29	U
108-90-7	CHLOROBENZENE	29	U
100-41-4	ETHYL BENZENE	29	U
100-42-5	STYRENE	29	U
156-59-2	cis-1 2-DICHLOROETHENE	29	U
156-60-5	trans-1 2-DICHLOROETHENE	29	U
13-302-07	m,p-XYLENES	29	U
95-47-6	o-XYLENE	29	U
106-93-4	1 2-DIBROMOETHANE	29	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	29	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB133

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.21

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27355.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 14 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	29	U
75-71-8	DICHLORODIFLUOROMETHANE	29	U
75-69-4	TRICHLOROFLUOROMETHANE	29	U
74-95-3	DIBROMOMETHANE	29	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	29	U
108-86-1	BROMOBENZENE	29	U
104-51-8	n-BUTYLBENZENE	120	
98-06-6	tert-BUTYLBENZENE	210	
135-98-8	sec-BUTYLBENZENE	230	
95-49-8	2-CHLOROTOLUENE	29	U
106-43-4	4-CHLOROTOLUENE	29	U
95-50-1	1 2-DICHLOROBENZENE	29	U
541-73-1	1 3-DICHLOROBENZENE	29	U
106-46-7	1 4-DICHLOROBENZENE	29	U
142-28-9	1 3-DICHLOROPROPANE	29	U
594-20-7	2 2-DICHLOROPROPANE	29	U
563-58-6	1 1-DICHLOROPROPENE	29	U
87-68-3	HEXACHLOROBUTADIENE	29	U
98-82-8	ISOPROPYLBENZENE	200	
99-87-6	p-ISOPROPYLTOLUENE	29	U
91-20-3	NAPHTHALENE	620	
103-65-1	n-PROPYLBENZENE	330	
87-61-6	1 2 3-TRICHLOROBENZENE	29	U
120-82-1	1 2 4-TRICHLOROBENZENE	29	U
95-63-6	1 2 4-TRIMETHYLBENZENE	29	U
108-67-8	1 3 5-TRIMETHYLBENZENE	29	U
74-97-5	BROMOCHLOROMETHANE	29	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB134

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.16

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27350.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 9 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	12	B
67-64-1	ACETONE	17	
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	2	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB134

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.16

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27350.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 9 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	J
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	12	
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	6	
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	52	
103-65-1	n-PROPYLBENZENE	13	
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB135

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.17

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27351.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 8 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	14	B
67-64-1	ACETONE	17	
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	10	
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB135

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.17

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27351.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 8 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	8	
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	6	
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB136

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.18

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27322.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 16 Date Analyzed: 06/05/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	130	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	20	
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	79	
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	2	J
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB136

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.18

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27322.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 16 Date Analyzed: 06/05/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB136RE

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.18RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27352.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 16 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	20	B
67-64-1	ACETONE	70	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	11	
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	18	
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB136RE

Lab Name: SWL-TULSA Contract: FORT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.18RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I27352.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 16 Date Analyzed: 06/10/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M10522.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	4800	E
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	12000	E
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M10522.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	730	
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	470	
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	88	J
120-12-7	Anthracene	390	U
84-74-2	Di-n-butylphthalate	200	J
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	55	J
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
110-86-1	Pyridine	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M10522.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127DL

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12DL

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M10544.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1600	U
111-44-4	bis(2-Chloroethyl)ether	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
100-51-6	Benzyl alcohol	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
95-48-7	2-Methylphenol	1600	U
108-60-1	bis(2-Chloroisopropyl)ether	1600	U
106-44-5	4-Methylphenol	1600	U
621-64-7	N-Nitroso-di-n-propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
65-85-0	Benzoic Acid	7500	U
111-91-1	bis(2-Chloroethoxy)methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	2600	D
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-methylphenol	1600	U
91-57-6	2-Methylnaphthalene	15000	D
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	7500	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	7500	U
131-11-3	Dimethylphthalate	1600	U
208-96-8	Acenaphthylene	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127DL

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12DL

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M10544.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	7500	U
83-32-9	Acenaphthene	1600	U
121-14-2	2,4-Dinitrotoluene	1600	U
51-28-5	2,4-Dinitrophenol	7500	U
100-02-7	4-Nitrophenol	7500	U
132-64-9	Dibenzofuran	730	JD
84-66-2	Diethylphthalate	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
86-73-7	Fluorene	460	JD
100-01-6	4-Nitroaniline	7500	U
534-52-1	4,6-Dinitro-2-methylphenol	7500	U
86-30-6	N-Nitrosodiphenylamine (1)	1600	U
101-55-3	4-Bromophenylphenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	7500	U
85-01-8	Phenanthrene	1600	U
120-12-7	Anthracene	1600	U
84-74-2	Di-n-butylphthalate	1600	U
206-44-0	Fluoranthene	1600	U
129-00-0	Pyrene	1600	U
85-68-7	Butylbenzylphthalate	1600	U
91-94-1	3,3'-Dichlorobenzidine	3100	U
56-55-3	Benzo(a)anthracene	1600	U
218-01-9	Chrysene	1600	U
117-81-7	bis(2-Ethylhexyl)phthalate	1600	U
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo(b)fluoranthene	1600	U
207-08-9	Benzo(k)fluoranthene	1600	U
50-32-8	Benzo(a)pyrene	1600	U
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U
53-70-3	Dibenz(a,h)anthracene	1600	U
191-24-2	Benzo(g,h,i)perylene	1600	U
110-86-1	Pyridine	1600	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB127DL

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.12DL

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M10544.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 dec. Date Extracted:06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	1600	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB128

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.13

Sample wt/vol: 33.1 (g/mL) G Lab File ID: M10516.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB128

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.13

Sample wt/vol: 33.1 (g/mL) G Lab File ID: M10516.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
110-86-1	Pyridine	390	U

100

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB128

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.13

Sample wt/vol: 33.1 (g/mL) G Lab File ID: M10516.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB129

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.14

Sample wt/vol: 31.6 (g/mL) G Lab File ID: M10517.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB129

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.14

Sample wt/vol: 31.6 (g/mL) G Lab File ID: M10517.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
110-86-1	Pyridine	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB129

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.14

Sample wt/vol: 31.6 (g/mL) G Lab File ID: M10517.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 19 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15

Sample wt/vol: 30.5 (g/mL) G Lab File ID: M10518.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
100-51-6	Benzyl alcohol	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	bis(2-Chloroisopropyl)ether	440	U
106-44-5	4-Methylphenol	440	U
621-64-7	N-Nitroso-di-n-propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	1500	
106-47-8	4-Chloroaniline	440	U
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-methylphenol	440	U
91-57-6	2-Methylnaphthalene	7400	E
77-47-4	Hexachlorocyclopentadiene	440	U
88-06-2	2,4,6-Trichlorophenol	440	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15

Sample wt/vol: 30.5 (g/mL) G Lab File ID: M10518.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	440	U
121-14-2	2,4-Dinitrotoluene	440	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	360	J
84-66-2	Diethylphthalate	440	U
7005-72-3	4-Chlorophenyl-phenylether	440	U
86-73-7	Fluorene	220	J
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
101-55-3	4-Bromophenylphenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	440	U
120-12-7	Anthracene	440	U
84-74-2	Di-n-butylphthalate	220	J
206-44-0	Fluoranthene	440	U
129-00-0	Pyrene	440	U
85-68-7	Butylbenzylphthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	880	U
56-55-3	Benzo(a)anthracene	440	U
218-01-9	Chrysene	440	U
117-81-7	bis(2-Ethylhexyl)phthalate	44	J
117-84-0	Di-n-octylphthalate	440	U
205-99-2	Benzo(b)fluoranthene	440	U
207-08-9	Benzo(k)fluoranthene	440	U
50-32-8	Benzo(a)pyrene	440	U
193-39-5	Indeno(1,2,3-cd)pyrene	440	U
53-70-3	Dibenz(a,h)anthracene	440	U
191-24-2	Benzo(g,h,i)perylene	440	U
110-86-1	Pyridine	440	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15

Sample wt/vol: 30.5 (g/mL) G Lab File ID: M10518.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	440	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130DL

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15DL

Sample wt/vol: 30.5 (g/mL) G Lab File ID: M10543.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	880	U
111-44-4	bis(2-Chloroethyl)ether	880	U
95-57-8	2-Chlorophenol	880	U
541-73-1	1,3-Dichlorobenzene	880	U
106-46-7	1,4-Dichlorobenzene	880	U
100-51-6	Benzyl alcohol	880	U
95-50-1	1,2-Dichlorobenzene	880	U
95-48-7	2-Methylphenol	880	U
108-60-1	bis(2-Chloroisopropyl)ether	880	U
106-44-5	4-Methylphenol	880	U
621-64-7	N-Nitroso-di-n-propylamine	880	U
67-72-1	Hexachloroethane	880	U
98-95-3	Nitrobenzene	880	U
78-59-1	Isophorone	880	U
88-75-5	2-Nitrophenol	880	U
105-67-9	2,4-Dimethylphenol	880	U
65-85-0	Benzoic Acid	4200	U
111-91-1	bis(2-Chloroethoxy)methane	880	U
120-83-2	2,4-Dichlorophenol	880	U
120-82-1	1,2,4-Trichlorobenzene	880	U
91-20-3	Naphthalene	1200	D
106-47-8	4-Chloroaniline	880	U
87-68-3	Hexachlorobutadiene	880	U
59-50-7	4-Chloro-3-methylphenol	880	U
91-57-6	2-Methylnaphthalene	7100	D
77-47-4	Hexachlorocyclopentadiene	880	U
88-06-2	2,4,6-Trichlorophenol	880	U
95-95-4	2,4,5-Trichlorophenol	4200	U
91-58-7	2-Chloronaphthalene	880	U
88-74-4	2-Nitroaniline	4200	U
131-11-3	Dimethylphthalate	880	U
208-96-8	Acenaphthylene	880	U
606-20-2	2,6-Dinitrotoluene	880	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130DL

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15DL

Sample wt/vol: 30.5 (g/mL) G Lab File ID: M10543.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4200	U
83-32-9	Acenaphthene	880	U
121-14-2	2,4-Dinitrotoluene	880	U
51-28-5	2,4-Dinitrophenol	4200	U
100-02-7	4-Nitrophenol	4200	U
132-64-9	Dibenzofuran	320	JD
84-66-2	Diethylphthalate	880	U
7005-72-3	4-Chlorophenyl-phenylether	880	U
86-73-7	Fluorene	200	JD
100-01-6	4-Nitroaniline	4200	U
534-52-1	4,6-Dinitro-2-methylphenol	4200	U
86-30-6	N-Nitrosodiphenylamine (1)	880	U
101-55-3	4-Bromophenylphenylether	880	U
118-74-1	Hexachlorobenzene	880	U
87-86-5	Pentachlorophenol	4200	U
85-01-8	Phenanthrene	880	U
120-12-7	Anthracene	880	U
84-74-2	Di-n-butylphthalate	880	U
206-44-0	Fluoranthene	880	U
129-00-0	Pyrene	880	U
85-68-7	Butylbenzylphthalate	880	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
56-55-3	Benzo(a)anthracene	880	U
218-01-9	Chrysene	880	U
117-81-7	bis(2-Ethylhexyl)phthalate	880	U
117-84-0	Di-n-octylphthalate	880	U
205-99-2	Benzo(b)fluoranthene	880	U
207-08-9	Benzo(k)fluoranthene	880	U
50-32-8	Benzo(a)pyrene	880	U
193-39-5	Indeno(1,2,3-cd)pyrene	880	U
53-70-3	Dibenz(a,h)anthracene	880	U
191-24-2	Benzo(g,h,i)perylene	880	U
110-86-1	Pyridine	880	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB130DL

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.15DL

Sample wt/vol: 30.5 (g/mL) G Lab File ID: M10543.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 26 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	880	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB131

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.19

Sample wt/vol: 32.5 (g/mL) G Lab File ID: M10520.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB131

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.19

Sample wt/vol: 32.5 (g/mL) G Lab File ID: M10520.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB131

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.19

Sample wt/vol: 32.5 (g/mL) G Lab File ID: M10520.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 23 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB132

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.20

Sample wt/vol: 35.0 (g/mL) G Lab File ID: M10523.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 10 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	310	U
111-44-4	bis(2-Chloroethyl)ether	310	U
95-57-8	2-Chlorophenol	310	U
541-73-1	1,3-Dichlorobenzene	310	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	310	U
95-50-1	1,2-Dichlorobenzene	310	U
95-48-7	2-Methylphenol	310	U
108-60-1	bis(2-Chloroisopropyl)ether	310	U
106-44-5	4-Methylphenol	310	U
621-64-7	N-Nitroso-di-n-propylamine	310	U
67-72-1	Hexachloroethane	310	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	310	U
88-75-5	2-Nitrophenol	310	U
105-67-9	2,4-Dimethylphenol	310	U
65-85-0	Benzoic Acid	1500	U
111-91-1	bis(2-Chloroethoxy)methane	310	U
120-83-2	2,4-Dichlorophenol	310	U
120-82-1	1,2,4-Trichlorobenzene	310	U
91-20-3	Naphthalene	310	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	310	U
59-50-7	4-Chloro-3-methylphenol	310	U
91-57-6	2-Methylnaphthalene	670	
77-47-4	Hexachlorocyclopentadiene	310	U
88-06-2	2,4,6-Trichlorophenol	310	U
95-95-4	2,4,5-Trichlorophenol	1500	U
91-58-7	2-Chloronaphthalene	310	U
88-74-4	2-Nitroaniline	1500	U
131-11-3	Dimethylphthalate	310	U
208-96-8	Acenaphthylene	310	U
606-20-2	2,6-Dinitrotoluene	310	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB132

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.20

Sample wt/vol: 35.0 (g/mL) G Lab File ID: M10523.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 10 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1500	U
83-32-9	Acenaphthene	310	U
121-14-2	2,4-Dinitrotoluene	310	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	1500	U
132-64-9	Dibenzofuran	220	J
84-66-2	Diethylphthalate	310	U
7005-72-3	4-Chlorophenyl-phenylether	310	U
86-73-7	Fluorene	160	J
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-methylphenol	1500	U
86-30-6	N-Nitrosodiphenylamine (1)	310	U
101-55-3	4-Bromophenylphenylether	310	U
118-74-1	Hexachlorobenzene	310	U
87-86-5	Pentachlorophenol	1500	U
85-01-8	Phenanthrene	310	U
120-12-7	Anthracene	310	U
84-74-2	Di-n-butylphthalate	160	J
206-44-0	Fluoranthene	310	U
129-00-0	Pyrene	310	U
85-68-7	Butylbenzylphthalate	310	U
91-94-1	3,3'-Dichlorobenzidine	630	U
56-55-3	Benzo(a)anthracene	310	U
218-01-9	Chrysene	310	U
117-81-7	bis(2-Ethylhexyl)phthalate	56	J
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo(b)fluoranthene	310	U
207-08-9	Benzo(k)fluoranthene	310	U
50-32-8	Benzo(a)pyrene	310	U
193-39-5	Indeno(1,2,3-cd)pyrene	310	U
53-70-3	Dibenz(a,h)anthracene	310	U
191-24-2	Benzo(g,h,i)perylene	310	U
110-86-1	Pyridine	310	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB132

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.20

Sample wt/vol: 35.0 (g/mL) G Lab File ID: M10523.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 10 dec. Date Extracted:06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB133

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.21

Sample wt/vol: 31.1 (g/mL) G Lab File ID: M10541.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 14 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	2000	
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	5000	E
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB133

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.21

Sample wt/vol: 31.1 (g/mL) G Lab File ID: M10541.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 14 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	760	
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	460	
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	96	J
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	190	J
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB133

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.21

Sample wt/vol: 31.1 (g/mL) G Lab File ID: M10541.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 14 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB133DL

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.21DL

Sample wt/vol: 31.1 (g/mL) G Lab File ID: M10547.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 14 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/11/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	740	U
111-44-4	bis(2-Chloroethyl)ether	740	U
95-57-8	2-Chlorophenol	740	U
541-73-1	1,3-Dichlorobenzene	740	U
106-46-7	1,4-Dichlorobenzene	740	U
100-51-6	Benzyl alcohol	740	U
95-50-1	1,2-Dichlorobenzene	740	U
95-48-7	2-Methylphenol	740	U
108-60-1	bis(2-Chloroisopropyl)ether	740	U
106-44-5	4-Methylphenol	740	U
621-64-7	N-Nitroso-di-n-propylamine	740	U
67-72-1	Hexachloroethane	740	U
98-95-3	Nitrobenzene	740	U
78-59-1	Isophorone	740	U
88-75-5	2-Nitrophenol	740	U
105-67-9	2,4-Dimethylphenol	740	U
65-85-0	Benzoic Acid	3600	U
111-91-1	bis(2-Chloroethoxy)methane	740	U
120-83-2	2,4-Dichlorophenol	740	U
120-82-1	1,2,4-Trichlorobenzene	740	U
91-20-3	Naphthalene	1500	D
106-47-8	4-Chloroaniline	740	U
87-68-3	Hexachlorobutadiene	740	U
59-50-7	4-Chloro-3-methylphenol	740	U
91-57-6	2-Methylnaphthalene	5100	D
77-47-4	Hexachlorocyclopentadiene	740	U
88-06-2	2,4,6-Trichlorophenol	740	U
95-95-4	2,4,5-Trichlorophenol	3600	U
91-58-7	2-Chloronaphthalene	740	U
88-74-4	2-Nitroaniline	3600	U
131-11-3	Dimethylphthalate	740	U
208-96-8	Acenaphthylene	740	U
606-20-2	2,6-Dinitrotoluene	740	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB133DL

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.21DL

Sample wt/vol: 31.1 (g/mL) G Lab File ID: M10547.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 14 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/11/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3600	U
83-32-9	Acenaphthene	740	U
121-14-2	2,4-Dinitrotoluene	740	U
51-28-5	2,4-Dinitrophenol	3600	U
100-02-7	4-Nitrophenol	3600	U
132-64-9	Dibenzofuran	760	D
84-66-2	Diethylphthalate	740	U
7005-72-3	4-Chlorophenyl-phenylether	740	U
86-73-7	Fluorene	480	JD
100-01-6	4-Nitroaniline	3600	U
534-52-1	4,6-Dinitro-2-methylphenol	3600	U
86-30-6	N-Nitrosodiphenylamine (1)	740	U
101-55-3	4-Bromophenylphenylether	740	U
118-74-1	Hexachlorobenzene	740	U
87-86-5	Pentachlorophenol	3600	U
85-01-8	Phenanthrene	94	JD
120-12-7	Anthracene	740	U
84-74-2	Di-n-butylphthalate	370	JD
206-44-0	Fluoranthene	740	U
129-00-0	Pyrene	740	U
85-68-7	Butylbenzylphthalate	740	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)anthracene	740	U
218-01-9	Chrysene	740	U
117-81-7	bis(2-Ethylhexyl)phthalate	170	JD
117-84-0	Di-n-octylphthalate	740	U
205-99-2	Benzo(b)fluoranthene	740	U
207-08-9	Benzo(k)fluoranthene	740	U
50-32-8	Benzo(a)pyrene	740	U
193-39-5	Indeno(1,2,3-cd)pyrene	740	U
53-70-3	Dibenz(a,h)anthracene	740	U
191-24-2	Benzo(g,h,i)perylene	740	U
110-86-1	Pyridine	740	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB133DL

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.21DL

Sample wt/vol: 31.1 (g/mL) G Lab File ID: M10547.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 14 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/11/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	740	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB134

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.16

Sample wt/vol: 32.7 (g/mL) G Lab File ID: M10519.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 9 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	200	J
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	850	
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB134

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.16

Sample wt/vol: 32.7 (g/mL) G Lab File ID: M10519.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 9 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
121-14-2	2,4-Dinitrotoluene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	75	J
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	47	J
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenylphenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	660	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U
110-86-1	Pyridine	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB134

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.16

Sample wt/vol: 32.7 (g/mL) G Lab File ID: M10519.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 9 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB135

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.17

Sample wt/vol: 34.1 (g/mL) G Lab File ID: M10539.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 8 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	320	U
111-44-4	bis(2-Chloroethyl)ether	320	U
95-57-8	2-Chlorophenol	320	U
541-73-1	1,3-Dichlorobenzene	320	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	320	U
95-50-1	1,2-Dichlorobenzene	320	U
95-48-7	2-Methylphenol	320	U
108-60-1	bis(2-Chloroisopropyl)ether	320	U
106-44-5	4-Methylphenol	320	U
621-64-7	N-Nitroso-di-n-propylamine	320	U
67-72-1	Hexachloroethane	320	U
98-95-3	Nitrobenzene	320	U
78-59-1	Isophorone	320	U
88-75-5	2-Nitrophenol	320	U
105-67-9	2,4-Dimethylphenol	320	U
65-85-0	Benzoic Acid	1500	U
111-91-1	bis(2-Chloroethoxy)methane	320	U
120-83-2	2,4-Dichlorophenol	320	U
120-82-1	1,2,4-Trichlorobenzene	320	U
91-20-3	Naphthalene	320	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	320	U
59-50-7	4-Chloro-3-methylphenol	320	U
91-57-6	2-Methylnaphthalene	120	J
77-47-4	Hexachlorocyclopentadiene	320	U
88-06-2	2,4,6-Trichlorophenol	320	U
95-95-4	2,4,5-Trichlorophenol	1500	U
91-58-7	2-Chloronaphthalene	320	U
88-74-4	2-Nitroaniline	1500	U
131-11-3	Dimethylphthalate	320	U
208-96-8	Acenaphthylene	320	U
606-20-2	2,6-Dinitrotoluene	320	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB135

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.17

Sample wt/vol: 34.1 (g/mL) G Lab File ID: M10539.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 8 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1500	U
83-32-9	Acenaphthene	320	U
121-14-2	2,4-Dinitrotoluene	320	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	1500	U
132-64-9	Dibenzofuran	98	J
84-66-2	Diethylphthalate	320	U
7005-72-3	4-Chlorophenyl-phenylether	320	U
86-73-7	Fluorene	57	J
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-methylphenol	1500	U
86-30-6	N-Nitrosodiphenylamine (1)	320	U
101-55-3	4-Bromophenylphenylether	320	U
118-74-1	Hexachlorobenzene	320	U
87-86-5	Pentachlorophenol	1500	U
85-01-8	Phenanthrene	320	U
120-12-7	Anthracene	320	U
84-74-2	Di-n-butylphthalate	160	J
206-44-0	Fluoranthene	320	U
129-00-0	Pyrene	320	U
85-68-7	Butylbenzylphthalate	320	U
91-94-1	3,3'-Dichlorobenzidine	630	U
56-55-3	Benzo(a)anthracene	320	U
218-01-9	Chrysene	320	U
117-81-7	bis(2-Ethylhexyl)phthalate	80	J
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo(b)fluoranthene	320	U
207-08-9	Benzo(k)fluoranthene	320	U
50-32-8	Benzo(a)pyrene	320	U
193-39-5	Indeno(1,2,3-cd)pyrene	320	U
53-70-3	Dibenz(a,h)anthracene	320	U
191-24-2	Benzo(g,h,i)perylene	320	U
110-86-1	Pyridine	320	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB135

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.17

Sample wt/vol: 34.1 (g/mL) G Lab File ID: M10539.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 8 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	320	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB136

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.18

Sample wt/vol: 32.7 (g/mL) G Lab File ID: M10540.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 16 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	380	
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	3100	
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB136

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.18

Sample wt/vol: 32.7 (g/mL) G Lab File ID: M10540.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 16 dec. Date Extracted: 06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	260	J
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	170	J
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	49	J
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	180	J
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	43	J
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB136

Lab Name: SWL-TULSA Contract: FORT HOOD O

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 34250

Matrix: (soil/water) SOIL Lab Sample ID: 34250.18

Sample wt/vol: 32.7 (g/mL) G Lab File ID: M10540.D

Level: (low/med) LOW Date Received: 06/04/98

% Moisture: not dec. 16 dec. Date Extracted:06/05/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3---------1,2,4,5-Tetrachlorobenzene__	360	U

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB127

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 34250 SAS No.: SDG No.: 34250A
Matrix (soil/water): SOIL Lab Sample ID: 34250.12
Level (low/med): LOW Date Received: 06/04/98
% Solids: 80.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.5			P
7440-39-3	Barium	81.8			P
7440-43-9	Cadmium	0.04	U		P
7440-47-3	Chromium	15.1			P
7439-92-1	Lead	13.5		N*	P
7439-97-6	Mercury	0.04	U	N	AV
7782-49-2	Selenium	1.3	U	N	F
7440-22-4	Silver	0.15	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB128

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 34250 SAS No.: SDG No.: 34250A
Matrix (soil/water): SOIL Lab Sample ID: 34250 13
Level (low/med): LOW Date Received: 06/04/98
% Solids: 77.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	12.0			P
7440-39-3	Barium	205			P
7440-43-9	Cadmium	0.04	U		P
7440-47-3	Chromium	21.3			P
7439-92-1	Lead	16.4		N*	P
7439-97-6	Mercury	0.04	U	N	AV
7782-49-2	Selenium	1.4	U	N	F
7440-22-4	Silver	0.15	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

FORM I - IN

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB129

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 34250 SAS No.: SDG No.: 34250A
Matrix (soil/water): SOIL Lab Sample ID: 34250.14
Level (low/med): LOW Date Received: 06/04/98
% Solids: 81.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	10.5			P
7440-39-3	Barium	206			P
7440-43-9	Cadmium	0.04	U		P
7440-47-3	Chromium	27.0			P
7439-92-1	Lead	15.9		N*	P
7439-97-6	Mercury	0.04	U	N	AV
7782-49-2	Selenium	1.3	U	WN	F
7440-22-4	Silver	0.15	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB130

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract:SAIC_____
Lab Code: SWOK__ Case No.: 34250 SAS No.: _____ SDG No.: 34250A
Matrix (soil/water): SOIL_ Lab Sample ID: 34250.15
Level (low/med): LOW__ Date Received: 06/04/98
% Solids: _74.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.1			P
7440-39-3	Barium	166			P
7440-43-9	Cadmium	0.04	U		P
7440-47-3	Chromium	18.9			P
7439-92-1	Lead	18.7		N*	P
7439-97-6	Mercury	0.04	U	N	AV
7782-49-2	Selenium	1.4	U	N	F
7440-22-4	Silver	0.15	U		P

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB131

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 34250 SAS No.: _____ SDG No.: 34250A
Matrix (soil/water): SOIL_ Lab Sample ID: 34250.19
Level (low/med): LOW__ Date Received: 06/04/98
% Solids: _77.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	9.6	_		P_
7440-39-3	Barium___	209	_		P_
7440-43-9	Cadmium__	0.04	U		P_
7440-47-3	Chromium_	30.3	_		P_
7439-92-1	Lead____	17.7	_	N*	P_
7439-97-6	Mercury__	0.04	U	N	AV
7782-49-2	Selenium_	0.28	U	WN	F_
7440-22-4	Silver___	0.15	U		P_

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB132

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 34250 SAS No.: _____ SDG No.: 34250A
Matrix (soil/water): SOIL_ Lab Sample ID: 34250.20
Level (low/med): LOW__ Date Received: 06/04/98
% Solids: _90.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	4.2			P
7440-39-3	Barium___	61.7			P
7440-43-9	Cadmium__	0.04	B		P
7440-47-3	Chromium_	9.6			P
7439-92-1	Lead_____	7.2		N*	P
7439-97-6	Mercury__	0.04	U	N	AV
7782-49-2	Selenium_	1.2	U	WN	F
7440-22-4	Silver___	0.13	U		P

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB133

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 34250 SAS No.: SDG No.: 34250A

Matrix (soil/water): SOIL Lab Sample ID: 34250.21

Level (low/med): LOW Date Received: 06/04/98

% Solids: 85.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.1			P
7440-39-3	Barium	58.6			P
7440-43-9	Cadmium	0.07	B		P
7440-47-3	Chromium	11.1			P
7439-92-1	Lead	6.9		N*	P
7439-97-6	Mercury	0.04	U	N	AV
7782-49-2	Selenium	1.2	U	N	F
7440-22-4	Silver	0.13	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB134

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 34250 SAS No.: _____ SDG No.: 34250A
Matrix (soil/water): SOIL_ Lab Sample ID: 34250.16
Level (low/med): LOW__ Date Received: 06/04/98
% Solids: _91.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	3.5			P
7440-39-3	Barium___	23.0			P
7440-43-9	Cadmium__	0.04	B		P
7440-47-3	Chromium_	6.2			P
7439-92-1	Lead_____	2.6		N*	P
7439-97-6	Mercury__	0.04	U	N	AV
7782-49-2	Selenium_	1.2	U	N	F
7440-22-4	Silver___	0.13	U		P

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB135

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 34250 SAS No.: SDG No.: 34250A
Matrix (soil/water): SOIL Lab Sample ID: 34250.17
Level (low/med): LOW Date Received: 06/04/98
% Solids: 92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.7			P
7440-39-3	Barium	26.1			P
7440-43-9	Cadmium	0.05	B		P
7440-47-3	Chromium	6.3			P
7439-92-1	Lead	4.2		N*	P
7439-97-6	Mercury	0.04	U	N	AV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.12	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB136

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 34250 SAS No.: SDG No.: 34250A
Matrix (soil/water): SOIL Lab Sample ID: 34250.18
Level (low/med): LOW Date Received: 06/04/98
% Solids: 84.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.5			P
7440-39-3	Barium	93.8			P
7440-43-9	Cadmium	0.22	B		P
7440-47-3	Chromium	16.4			P
7439-92-1	Lead	560		N*	P
7439-97-6	Mercury	0.24		N	AV
7782-49-2	Selenium	1.3	U	N	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB137

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32767.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 23 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	5	JB
67-64-1	ACETONE	3	J
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB137

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32767.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 23 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	1	J
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB138

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32793.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB138

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32793.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB139

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32769.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	7	U
74-83-9	BROMOMETHANE	7	U
75-01-4	VINYL CHLORIDE	7	U
75-00-3	CHLOROETHANE	7	U
75-09-2	METHYLENE CHLORIDE	6	JB
67-64-1	ACETONE	7	
75-35-4	1 1-DICHLOROETHENE	7	U
75-34-3	1 1-DICHLOROETHANE	7	U
67-66-3	CHLOROFORM	7	U
107-06-2	1 2-DICHLOROETHANE	7	U
78-93-3	2-BUTANONE	7	U
71-55-6	1 1 1-TRICHLOROETHANE	7	U
56-23-5	CARBON TETRACHLORIDE	7	U
75-27-4	BROMODICHLOROMETHANE	7	U
78-87-5	1 2-DICHLOROPROPANE	7	U
79-01-6	TRICHLOROETHENE	7	U
124-48-1	DIBROMOCHLOROMETHANE	7	U
79-00-5	1 1 2-TRICHLOROETHANE	7	U
71-43-2	BENZENE	7	U
75-25-2	BROMOFORM	7	U
108-10-1	4-METHYL-2-PENTANONE	7	U
591-78-6	2-HEXANONE	7	U
127-18-4	TETRACHLOROETHENE	7	U
108-88-3	TOLUENE	7	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	7	U
108-90-7	CHLOROBENZENE	7	U
100-41-4	ETHYL BENZENE	7	U
100-42-5	STYRENE	7	U
156-59-2	cis-1 2-DICHLOROETHENE	7	U
156-60-5	trans-1 2-DICHLOROETHENE	7	U
13-302-07	m,p-XYLENES	7	U
95-47-6	o-XYLENE	7	U
106-93-4	1 2-DIBROMOETHANE	7	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB139

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32769.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	7	U
75-71-8	DICHLORODIFLUOROMETHANE	7	U
75-69-4	TRICHLOROFLUOROMETHANE	7	U
74-95-3	DIBROMOMETHANE	7	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	7	U
108-86-1	BROMOBENZENE	7	U
104-51-8	n-BUTYLBENZENE	7	U
98-06-6	tert-BUTYLBENZENE	7	U
135-98-8	sec-BUTYLBENZENE	7	U
95-49-8	2-CHLOROTOLUENE	7	U
106-43-4	4-CHLOROTOLUENE	7	U
95-50-1	1 2-DICHLOROBENZENE	7	U
541-73-1	1 3-DICHLOROBENZENE	7	U
106-46-7	1 4-DICHLOROBENZENE	7	U
142-28-9	1 3-DICHLOROPROPANE	7	U
594-20-7	2 2-DICHLOROPROPANE	7	U
563-58-6	1 1-DICHLOROPROPENE	7	U
87-68-3	HEXACHLOROBUTADIENE	7	U
98-82-8	ISOPROPYLBENZENE	7	U
99-87-6	p-ISOPROPYLTOLUENE	7	U
91-20-3	NAPHTHALENE	7	U
103-65-1	n-PROPYLBENZENE	7	U
87-61-6	1 2 3-TRICHLOROBENZENE	7	U
120-82-1	1 2 4-TRICHLOROBENZENE	7	U
95-63-6	1 2 4-TRIMETHYLBENZENE	7	U
108-67-8	1 3 5-TRIMETHYLBENZENE	7	U
74-97-5	BROMOCHLOROMETHANE	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB140

ab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32770.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	5	JB
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB140

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32770.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB141

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32821.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	2	J
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB141

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32821.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB142

ab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32795.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB142

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32795.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB143

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32773.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	4	JB
67-64-1	ACETONE	69	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB143

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32773.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB144

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32774.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	7	U
74-83-9	BROMOMETHANE	7	U
75-01-4	VINYL CHLORIDE	7	U
75-00-3	CHLOROETHANE	7	U
75-09-2	METHYLENE CHLORIDE	4	JB
67-64-1	ACETONE	7	U
75-35-4	1 1-DICHLOROETHENE	7	U
75-34-3	1 1-DICHLOROETHANE	7	U
67-66-3	CHLOROFORM	7	U
107-06-2	1 2-DICHLOROETHANE	7	U
78-93-3	2-BUTANONE	7	U
71-55-6	1 1 1-TRICHLOROETHANE	7	U
56-23-5	CARBON TETRACHLORIDE	7	U
75-27-4	BROMODICHLOROMETHANE	7	U
78-87-5	1 2-DICHLOROPROPANE	7	U
79-01-6	TRICHLOROETHENE	7	U
124-48-1	DIBROMOCHLOROMETHANE	7	U
79-00-5	1 1 2-TRICHLOROETHANE	7	U
71-43-2	BENZENE	7	U
75-25-2	BROMOFORM	7	U
108-10-1	4-METHYL-2-PENTANONE	7	U
591-78-6	2-HEXANONE	7	U
127-18-4	TETRACHLOROETHENE	7	U
108-88-3	TOLUENE	7	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	7	U
108-90-7	CHLOROBENZENE	7	U
100-41-4	ETHYL BENZENE	7	U
100-42-5	STYRENE	7	U
156-59-2	cis-1 2-DICHLOROETHENE	7	U
156-60-5	trans-1 2-DICHLOROETHENE	7	U
13-302-07	m,p-XYLENES	7	U
95-47-6	o-XYLENE	7	U
106-93-4	1 2-DIBROMOETHANE	7	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB144

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32774.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	7	U
75-71-8	DICHLORODIFLUOROMETHANE	7	U
75-69-4	TRICHLOROFLUOROMETHANE	7	U
74-95-3	DIBROMOMETHANE	7	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	7	U
108-86-1	BROMOBENZENE	7	U
104-51-8	n-BUTYLBENZENE	7	U
98-06-6	tert-BUTYLBENZENE	7	U
135-98-8	sec-BUTYLBENZENE	7	U
95-49-8	2-CHLOROTOLUENE	7	U
106-43-4	4-CHLOROTOLUENE	7	U
95-50-1	1 2-DICHLOROBENZENE	7	U
541-73-1	1 3-DICHLOROBENZENE	7	U
106-46-7	1 4-DICHLOROBENZENE	7	U
142-28-9	1 3-DICHLOROPROPANE	7	U
594-20-7	2 2-DICHLOROPROPANE	7	U
563-58-6	1 1-DICHLOROPROPENE	7	U
87-68-3	HEXACHLOROBUTADIENE	7	U
98-82-8	ISOPROPYLBENZENE	7	U
99-87-6	p-ISOPROPYLTOLUENE	7	U
91-20-3	NAPHTHALENE	7	U
103-65-1	n-PROPYLBENZENE	7	U
87-61-6	1 2 3-TRICHLOROBENZENE	7	U
120-82-1	1 2 4-TRICHLOROBENZENE	7	U
95-63-6	1 2 4-TRIMETHYLBENZENE	7	U
108-67-8	1 3 5-TRIMETHYLBENZENE	7	U
74-97-5	BROMOCHLOROMETHANE	7	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB145

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32796.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB145

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32796.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB146

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32797.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	U
67-64-1	ACETONE	5	U
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB146

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32797.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB147

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.22

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32800.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB147

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.22

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N32800.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB137

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.01

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17875.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 23 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB137

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.01

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17875.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 23 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB137

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.01

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17875.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 23 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB137RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.01RA

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17894.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 23 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB137RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.01RA

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17894.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 23 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB137RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.01RA

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17894.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 23 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB138

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.02

Sample wt/vol: 30.8 (g/mL) G Lab File ID: P17862.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB138

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.02

Sample wt/vol: 30.8 (g/mL) G Lab File ID: P17862.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB138

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.02

Sample wt/vol: 30.8 (g/mL) G Lab File ID: P17862.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB139

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.03

Sample wt/vol: 31.2 (g/mL) G Lab File ID: P17864.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)ether	430	U
95-57-8	2-Chlorophenol	430	U
541-73-1	1,3-Dichlorobenzene	430	U
106-46-7	1,4-Dichlorobenzene	430	U
100-51-6	Benzyl alcohol	430	U
95-50-1	1,2-Dichlorobenzene	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	bis(2-Chloroisopropyl)ether	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
120-82-1	1,2,4-Trichlorobenzene	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB139

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.03

Sample wt/vol: 31.2 (g/mL) G Lab File ID: P17864.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	430	U
121-14-2	2,4-Dinitrotoluene	430	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	430	U
84-66-2	Diethylphthalate	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenylphenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
84-74-2	Di-n-butylphthalate	64	J
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	860	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	430	U
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenz(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U
110-86-1	Pyridine	430	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB139

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.03

Sample wt/vol: 31.2 (g/mL) G Lab File ID: P17864.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	430	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB140

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.04

Sample wt/vol: 30.2 (g/mL) G Lab File ID: P17863.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB140

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.04

Sample wt/vol: 30.2 (g/mL) G Lab File ID: P17863.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB140

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.04

Sample wt/vol: 30.2 (g/mL) G Lab File ID: P17863.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB141

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.05

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17861.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB141

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.05

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17861.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	700	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB141

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.05

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17861.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB142

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.06

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17876.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB142

ab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.06

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17876.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB142

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.06

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17876.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB142RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.06RA

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17895.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB142RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.06RA

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17895.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB142RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.06RA

Sample wt/vol: 32.1 (g/mL) G Lab File ID: P17895.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB143

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.07

Sample wt/vol: 32.5 (g/mL) G Lab File ID: P17896.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB143

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.07

Sample wt/vol: 32.5 (g/mL) G Lab File ID: P17896.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	59	J
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	700	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB143

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.07

Sample wt/vol: 32.5 (g/mL) G Lab File ID: P17896.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB144

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.08

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17878.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	bis(2-Chloroisopropyl)ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB144

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.08

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17878.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	420	U
121-14-2	2,4-Dinitrotoluene	420	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	840	U
56-55-3	Benzo(a)anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)phthalate	420	U
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenz(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U
110-86-1	Pyridine	420	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB144

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.08

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17878.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	420	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB144RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.08RA

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17897.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
100-51-6	Benzyl alcohol	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	bis(2-Chloroisopropyl)ether	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB144RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.08RA

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17897.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	420	U
121-14-2	2,4-Dinitrotoluene	420	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenylphenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	840	U
56-55-3	Benzo(a)anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)phthalate	420	U
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenz(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U
110-86-1	Pyridine	420	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB144RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.08RA

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17897.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	420	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB145

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.09

Sample wt/vol: 31.9 (g/mL) G Lab File ID: P17879.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB145

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.09

Sample wt/vol: 31.9 (g/mL) G Lab File ID: P17879.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	64	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB145

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.09

Sample wt/vol: 31.9 (g/mL) G Lab File ID: P17879.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB145RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.09RA

Sample wt/vol: 31.9 (g/mL) G Lab File ID: P17898.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB145RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.09RA

Sample wt/vol: 31.9 (g/mL) G Lab File ID: P17898.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	54	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB145RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.09RA

Sample wt/vol: 31.9 (g/mL) G Lab File ID: P17898.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB146

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.10

Sample wt/vol: 31.3 (g/mL) G Lab File ID: P17880.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-Chloroisopropyl)ether	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB146

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.10

Sample wt/vol: 31.3 (g/mL) G Lab File ID: P17880.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenylphenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	690	U
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
53-70-3	Dibenz(a,h)anthracene	340	U
191-24-2	Benzo(g,h,i)perylene	340	U
110-86-1	Pyridine	340	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB146

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.10

Sample wt/vol: 31.3 (g/mL) G Lab File ID: P17880.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB146RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.10RA

Sample wt/vol: 31.3 (g/mL) G Lab File ID: P17899.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-Chloroisopropyl)ether	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB146RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.10RA

Sample wt/vol: 31.3 (g/mL) G Lab File ID: P17899.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenylphenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	690	U
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
53-70-3	Dibenz(a,h)anthracene	340	U
191-24-2	Benzo(g,h,i)perylene	340	U
110-86-1	Pyridine	340	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB146RE

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.10RA

Sample wt/vol: 31.3 (g/mL) G Lab File ID: P17899.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/09/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB147

ab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.22

Sample wt/vol: 32.3 (g/mL) G Lab File ID: P17915.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	48	J
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB147

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.22

Sample wt/vol: 32.3 (g/mL) G Lab File ID: P17915.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB147

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36197

Matrix: (soil/water) SOIL Lab Sample ID: 36197.22

Sample wt/vol: 32.3 (g/mL) G Lab File ID: P17915.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB137

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36197 SAS No.: _____ SDG No.: 36197A
Matrix (soil/water): SOIL_ Lab Sample ID: 36197.01
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _76.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.5			P
7440-39-3	Barium	37.7			P
7440-43-9	Cadmium	0.10	B		P
7440-47-3	Chromium	5.0			P
7439-92-1	Lead	7.9			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.28	U	WN	F
7440-22-4	Silver	0.15	U		P

Color Before: GRY_____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: CLEAR_ Artifacts: _____

Comments:

FORM I - IN

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB138

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36197 SAS No.: _____ SDG No.: 36197A
Matrix (soil/water): SOIL_ Lab Sample ID: 36197.02
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _80.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.2			P
7440-39-3	Barium	56.8			P
7440-43-9	Cadmium	0.19	B		P
7440-47-3	Chromium	6.5			P
7439-92-1	Lead	4.9			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.27	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: GRAY Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR_ Artifacts: _____

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB139

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36197 SAS No.: _____ SDG No.: 36197A
Matrix (soil/water): SOIL_ Lab Sample ID: 36197.03
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _73.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.8			P
7440-39-3	Barium	142			P
7440-43-9	Cadmium	0.25	B		P
7440-47-3	Chromium	11.8			P
7439-92-1	Lead	14.9			P
7439-97-6	Mercury	0.05	U		AV
7782-49-2	Selenium	0.29	U	N	F
7440-22-4	Silver	0.16	U		P

Color Before: GRAY Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

FORM I - IN

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB140

Lab Name: SOUTHWEST_LABS_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36197 SAS No.: SDG No.: 36197A
Matrix (soil/water): SOIL Lab Sample ID: 36197.04
Level (low/med): LOW Date Received: 10/31/98
% Solids: 82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.5			P
7440-39-3	Barium	127			P
7440-43-9	Cadmium	0.13	B		P
7440-47-3	Chromium	9.0			P
7439-92-1	Lead	8.1			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.25	U	WN	F
7440-22-4	Silver	0.15	U		P

Color Before: GRY Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB141

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract:SAIC_____
Lab Code: SWOK___ Case No.: 36197 SAS No.: _____ SDG No.: 36197A
Matrix (soil/water): SOIL_ Lab Sample ID: 36197.05
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _89.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.3			P
7440-39-3	Barium	17.3			P
7440-43-9	Cadmium	0.09	B		P
7440-47-3	Chromium	2.7			P
7439-92-1	Lead	1.2			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.13	U		P

Color Before: GRAY Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR_ Artifacts: _____

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB142

Lab Name: SOUTHWEST_LABS_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36197 SAS No.: SDG No.: 36197A
Matrix (soil/water): SOIL Lab Sample ID: 36197.06
Level (low/med): LOW Date Received: 10/31/98
% Solids: 86.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.1			P
7440-39-3	Barium	9.3			P
7440-43-9	Cadmium	0.03	U		P
7440-47-3	Chromium	2.3			P
7439-92-1	Lead	1.3			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: GRAY Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB143

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract:SAIC_____
Lab Code: SWOK___ Case No.: 36197 SAS No.: _____ SDG No.: 36197A
Matrix (soil/water): SOIL_ Lab Sample ID: 36197.07
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _86.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.8			P
7440-39-3	Barium	23.4			P
7440-43-9	Cadmium	0.12	B		P
7440-47-3	Chromium	3.3			P
7439-92-1	Lead	2.5			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.25	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: GRAY Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR_ Artifacts: _____

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB144

Lab Name: SOUTHWEST_LABS_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36197 SAS No.: SDG No.: 36197A
Matrix (soil/water): SOIL Lab Sample ID: 36197.08
Level (low/med): LOW Date Received: 10/31/98
% Solids: 74.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.7			P
7440-39-3	Barium	158			P
7440-43-9	Cadmium	0.18	B		P
7440-47-3	Chromium	13.3			P
7439-92-1	Lead	11.7			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.28	U	WN	F
7440-22-4	Silver	0.16	U		P

Color Before: GREY Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB145

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract:SAIC_____
Lab Code: SWOK___ Case No.: 36197 SAS No.: _____ SDG No.: 36197A
Matrix (soil/water): SOIL_ Lab Sample ID: 36197.09
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _82.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.0			P
7440-39-3	Barium	61.9			P
7440-43-9	Cadmium	0.08	B		P
7440-47-3	Chromium	4.7			P
7439-92-1	Lead	2.4			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: GRAY Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB146

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK_____ Case No.: 36197 SAS No.: _____ SDG No.: 36197A
Matrix (soil/water): SOIL_ Lab Sample ID: 36197.10
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _91.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.0			P
7440-39-3	Barium	12.7			P
7440-43-9	Cadmium	0.08	B		P
7440-47-3	Chromium	2.5			P
7439-92-1	Lead	1.0			P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.12	U		P

Color Before: GREY Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR_ Artifacts: _____

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB147

Lab Name: SOUTHWEST_LABS_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 36197 SAS No.: SDG No.: 36197A

Matrix (soil/water): SOIL Lab Sample ID: 36197.22

Level (low/med): LOW Date Received: 10/31/98

% Solids: 82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	11.6			P
7440-39-3	Barium	30.2			P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	5.1			P
7439-92-1	Lead	6.8			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: GRY Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

FORM I - IN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB148

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39149.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB148

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39149.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB148RE

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.13RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39156.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB148RE

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.13RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39156.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB148

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.13

Sample wt/vol: 30.4 (g/mL) G Lab File ID: H3660.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB148

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.13

Sample wt/vol: 30.4 (g/mL) G Lab File ID: H3660.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	790	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB148

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.13

Sample wt/vol: 30.4 (g/mL) G Lab File ID: H3660.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB148

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36194 SAS No.: _____ SDG No.: 36194_
Matrix (soil/water): SOIL_ Lab Sample ID: 36194.13
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _82.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.2			P
7440-39-3	Barium	55.7			P
7440-43-9	Cadmium	0.26			P
7440-47-3	Chromium	7.4			P
7439-92-1	Lead	16.5		E	P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	1.3	U	N	F
7440-22-4	Silver	0.35	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

FORM I - IN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB149

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25144.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	7	U
74-83-9	BROMOMETHANE	7	U
75-01-4	VINYL CHLORIDE	7	U
75-00-3	CHLOROETHANE	7	U
75-09-2	METHYLENE CHLORIDE	7	U
67-64-1	ACETONE	7	U
75-35-4	1 1-DICHLOROETHENE	7	U
75-34-3	1 1-DICHLOROETHANE	7	U
67-66-3	CHLOROFORM	7	U
107-06-2	1 2-DICHLOROETHANE	7	U
78-93-3	2-BUTANONE	7	U
71-55-6	1 1 1-TRICHLOROETHANE	7	U
56-23-5	CARBON TETRACHLORIDE	7	U
75-27-4	BROMODICHLOROMETHANE	7	U
78-87-5	1 2-DICHLOROPROPANE	7	U
79-01-6	TRICHLOROETHENE	7	U
124-48-1	DIBROMOCHLOROMETHANE	7	U
79-00-5	1 1 2-TRICHLOROETHANE	7	U
71-43-2	BENZENE	7	U
75-25-2	BROMOFORM	7	U
108-10-1	4-METHYL-2-PENTANONE	7	U
591-78-6	2-HEXANONE	7	U
127-18-4	TETRACHLOROETHENE	7	U
108-88-3	TOLUENE	7	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	7	U
108-90-7	CHLOROBENZENE	7	U
100-41-4	ETHYL BENZENE	7	U
100-42-5	STYRENE	7	U
156-59-2	cis-1 2-DICHLOROETHENE	7	U
156-60-5	trans-1 2-DICHLOROETHENE	7	U
13-302-07	m,p-XYLENES	7	U
95-47-6	o-XYLENE	7	U
106-93-4	1 2-DIBROMOETHANE	7	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	7	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB149

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25144.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	7	U
75-71-8	DICHLORODIFLUOROMETHANE	7	U
75-69-4	TRICHLOROFLUOROMETHANE	7	U
74-95-3	DIBROMOMETHANE	7	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	7	U
108-86-1	BROMOBENZENE	7	U
104-51-8	n-BUTYLBENZENE	7	U
98-06-6	tert-BUTYLBENZENE	7	U
135-98-8	sec-BUTYLBENZENE	7	U
95-49-8	2-CHLOROTOLUENE	7	U
106-43-4	4-CHLOROTOLUENE	7	U
95-50-1	1 2-DICHLOROBENZENE	7	U
541-73-1	1 3-DICHLOROBENZENE	7	U
106-46-7	1 4-DICHLOROBENZENE	7	U
142-28-9	1 3-DICHLOROPROPANE	7	U
594-20-7	2 2-DICHLOROPROPANE	7	U
563-58-6	1 1-DICHLOROPROPENE	7	U
87-68-3	HEXACHLOROBUTADIENE	7	U
98-82-8	ISOPROPYLBENZENE	7	U
99-87-6	p-ISOPROPYLTOLUENE	7	U
91-20-3	NAPHTHALENE	7	U
103-65-1	n-PROPYLBENZENE	7	U
87-61-6	1 2 3-TRICHLOROBENZENE	7	U
120-82-1	1 2 4-TRICHLOROBENZENE	7	U
95-63-6	1 2 4-TRIMETHYLBENZENE	7	U
108-67-8	1 3 5-TRIMETHYLBENZENE	7	U
74-97-5	BROMOCHLOROMETHANE	7	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB150

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25145.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	U
67-64-1	ACETONE	5	U
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB150

ab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25145.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB151

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25146.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB151

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25146.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB152

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25147.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 10 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	54	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	2	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB152

ab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25147.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 10 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB153

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25148.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB153

ab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25148.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB154

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25149.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB154

ab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25149.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB155

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25150.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	10	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	2	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB155

ab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25150.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	2	J
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB156

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25151.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	1	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	2	J
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB156

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25151.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	3	J
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

EPA SAMPLE NO.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

46SB157

Contract: FTHOOD RFI

Lab Name: SWL-TULSA

SDG No.: 36195

Lab Code: SWOK Case No.: SAIC SAS No.:

Lab Sample ID: 36195.09

Matrix: (soil/water) SOIL

Lab File ID: K25152.D

Sample wt/vol: 5.0 (g/mL) G

Date Received: 10/31/98

Level: (low/med) LOW

Date Analyzed: 11/03/98

% Moisture: not dec. 16

Dilution Factor: 1.0

Column: (pack/cap) CAP

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	35	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB157

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25152.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	5	J
98-06-6	tert-BUTYLBENZENE	15	
135-98-8	sec-BUTYLBENZENE	13	
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	27	
103-65-1	n-PROPYLBENZENE	14	
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB158

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25173.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	U
67-64-1	ACETONE	5	U
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	2	J
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB158

ab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25173.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB159

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.11

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25154.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB159

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.11

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25154.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB160

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25155.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 15 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	2	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB160

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.12

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25155.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 15 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB161

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25174.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB161

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25174.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB162

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.14

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25157.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	10	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB162

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.14

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25157.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB163

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.15

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25158.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB163

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.15

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25158.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB164

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.16

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25184.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 Date Analyzed: 11/05/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	1	J
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB164

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.16

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25184.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 Date Analyzed: 11/05/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB165

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.17

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25176.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB165

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.17

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25176.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB166

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.18

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25161.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 22 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	2	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB166

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.18

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25161.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 22 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB167

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.19

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25162.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	2	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB167

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.19

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25162.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 Date Analyzed: 11/04/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB168

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.20

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25143.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB168

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.20

Sample wt/vol: 5.0 (g/mL) G Lab File ID: K25143.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB149

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.01

Sample wt/vol: 30.4 (g/mL) G Lab File ID: M12122.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)ether	440	U
95-57-8	2-Chlorophenol	440	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	440	U
100-51-6	Benzyl alcohol	440	U
95-50-1	1,2-Dichlorobenzene	440	U
95-48-7	2-Methylphenol	440	U
108-60-1	bis(2-Chloroisopropyl)ether	440	U
106-44-5	4-Methylphenol	440	U
621-64-7	N-Nitroso-di-n-propylamine	440	U
67-72-1	Hexachloroethane	440	U
98-95-3	Nitrobenzene	440	U
78-59-1	Isophorone	440	U
88-75-5	2-Nitrophenol	440	U
105-67-9	2,4-Dimethylphenol	440	U
65-85-0	Benzoic Acid	2100	U
111-91-1	bis(2-Chloroethoxy)methane	440	U
120-83-2	2,4-Dichlorophenol	440	U
120-82-1	1,2,4-Trichlorobenzene	440	U
91-20-3	Naphthalene	440	U
106-47-8	4-Chloroaniline	440	U
87-68-3	Hexachlorobutadiene	440	U
59-50-7	4-Chloro-3-methylphenol	440	U
91-57-6	2-Methylnaphthalene	440	U
77-47-4	Hexachlorocyclopentadiene	440	U
88-06-2	2,4,6-Trichlorophenol	440	U
95-95-4	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	440	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	440	U
208-96-8	Acenaphthylene	440	U
606-20-2	2,6-Dinitrotoluene	440	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB149

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.01

Sample wt/vol: 30.4 (g/mL) G Lab File ID: M12122.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	440	U
121-14-2	2,4-Dinitrotoluene	440	U
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	440	U
84-66-2	Diethylphthalate	440	U
7005-72-3	4-Chlorophenyl-phenylether	440	U
86-73-7	Fluorene	440	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	440	U
101-55-3	4-Bromophenylphenylether	440	U
118-74-1	Hexachlorobenzene	440	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	440	U
120-12-7	Anthracene	440	U
84-74-2	Di-n-butylphthalate	440	U
206-44-0	Fluoranthene	440	U
129-00-0	Pyrene	440	U
85-68-7	Butylbenzylphthalate	440	U
91-94-1	3,3'-Dichlorobenzidine	880	U
56-55-3	Benzo(a)anthracene	440	U
218-01-9	Chrysene	440	U
117-81-7	bis(2-Ethylhexyl)phthalate	440	U
117-84-0	Di-n-octylphthalate	440	U
205-99-2	Benzo(b)fluoranthene	440	U
207-08-9	Benzo(k)fluoranthene	440	U
50-32-8	Benzo(a)pyrene	440	U
193-39-5	Indeno(1,2,3-cd)pyrene	440	U
53-70-3	Dibenz(a,h)anthracene	440	U
191-24-2	Benzo(g,h,i)perylene	440	U
110-86-1	Pyridine	440	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB149

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.01

Sample wt/vol: 30.4 (g/mL) G Lab File ID: M12122.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 26 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	440	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB150

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.02

Sample wt/vol: 32.2 (g/mL) G Lab File ID: M12123.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	bis(2-Chloroisopropyl)ether	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB150

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.02

Sample wt/vol: 32.2 (g/mL) G Lab File ID: M12123.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	330	U
121-14-2	2,4-Dinitrotoluene	330	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenylphenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
84-74-2	Di-n-butylphthalate	60	J
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	670	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U
110-86-1	Pyridine	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB150

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.02

Sample wt/vol: 32.2 (g/mL) G Lab File ID: M12123.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB151

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.03

Sample wt/vol: 31.8 (g/mL) G Lab File ID: M12124.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB151

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.03

Sample wt/vol: 31.8 (g/mL) G Lab File ID: M12124.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB151

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.03

Sample wt/vol: 31.8 (g/mL) G Lab File ID: M12124.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB152

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.04

Sample wt/vol: 31.6 (g/mL) G Lab File ID: M12138.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 10 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/98

Concentrated Extract Volume: 5000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1700	U
111-44-4	bis(2-Chloroethyl)ether	1700	U
95-57-8	2-Chlorophenol	1700	U
541-73-1	1,3-Dichlorobenzene	1700	U
106-46-7	1,4-Dichlorobenzene	1700	U
100-51-6	Benzyl alcohol	1700	U
95-50-1	1,2-Dichlorobenzene	1700	U
95-48-7	2-Methylphenol	1700	U
108-60-1	bis(2-Chloroisopropyl)ether	1700	U
106-44-5	4-Methylphenol	1700	U
621-64-7	N-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U
65-85-0	Benzoic Acid	8400	U
111-91-1	bis(2-Chloroethoxy)methane	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
120-82-1	1,2,4-Trichlorobenzene	1700	U
91-20-3	Naphthalene	1700	U
106-47-8	4-Chloroaniline	1700	U
87-68-3	Hexachlorobutadiene	1700	U
59-50-7	4-Chloro-3-methylphenol	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1700	U
95-95-4	2,4,5-Trichlorophenol	8400	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	8400	U
131-11-3	Dimethylphthalate	1700	U
208-96-8	Acenaphthylene	1700	U
606-20-2	2,6-Dinitrotoluene	1700	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB152

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.04

Sample wt/vol: 31.6 (g/mL) G Lab File ID: M12138.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 10 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/98

Concentrated Extract Volume: 5000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	8400	U
83-32-9	Acenaphthene	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
51-28-5	2,4-Dinitrophenol	8400	U
100-02-7	4-Nitrophenol	8400	U
132-64-9	Dibenzofuran	1700	U
84-66-2	Diethylphthalate	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
86-73-7	Fluorene	1700	U
100-01-6	4-Nitroaniline	8400	U
534-52-1	4,6-Dinitro-2-methylphenol	8400	U
86-30-6	N-Nitrosodiphenylamine (1)	1700	U
101-55-3	4-Bromophenylphenylether	1700	U
118-74-1	Hexachlorobenzene	1700	U
87-86-5	Pentachlorophenol	8400	U
85-01-8	Phenanthrene	1700	U
120-12-7	Anthracene	1700	U
84-74-2	Di-n-butylphthalate	1700	U
206-44-0	Fluoranthene	1700	U
129-00-0	Pyrene	1700	U
85-68-7	Butylbenzylphthalate	1700	U
91-94-1	3,3'-Dichlorobenzidine	3500	U
56-55-3	Benzo(a)anthracene	1700	U
218-01-9	Chrysene	1700	U
117-81-7	bis(2-Ethylhexyl)phthalate	1700	U
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo(b)fluoranthene	1700	U
207-08-9	Benzo(k)fluoranthene	1700	U
50-32-8	Benzo(a)pyrene	1700	U
193-39-5	Indeno(1,2,3-cd)pyrene	1700	U
53-70-3	Dibenz(a,h)anthracene	1700	U
191-24-2	Benzo(g,h,i)perylene	1700	U
110-86-1	Pyridine	1700	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB152

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.04

Sample wt/vol: 31.6 (g/mL) G Lab File ID: M12138.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 10 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/98

Concentrated Extract Volume: 5000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	1700	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB153

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.05

Sample wt/vol: 32.0 (g/mL) G Lab File ID: M12125.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB153

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.05

Sample wt/vol: 32.0 (g/mL) G Lab File ID: M12125.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
110-86-1	Pyridine	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB153

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.05

Sample wt/vol: 32.0 (g/mL) G Lab File ID: M12125.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB154

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.06

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M12126.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB154

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.06

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M12126.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB154

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.06

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M12126.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB155

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.07

Sample wt/vol: 32.6 (g/mL) G Lab File ID: M12127.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-Chloroisopropyl)ether	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB155

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.07

Sample wt/vol: 32.6 (g/mL) G Lab File ID: M12127.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenylphenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	690	U
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
53-70-3	Dibenz(a,h)anthracene	340	U
191-24-2	Benzo(g,h,i)perylene	340	U
110-86-1	Pyridine	340	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB155

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.07

Sample wt/vol: 32.6 (g/mL) G Lab File ID: M12127.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB156

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.08

Sample wt/vol: 32.3 (g/mL) G Lab File ID: M12128.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB156

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.08

Sample wt/vol: 32.3 (g/mL) G Lab File ID: M12128.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB156

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.08

Sample wt/vol: 32.3 (g/mL) G Lab File ID: M12128.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB157

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.09

Sample wt/vol: 32.2 (g/mL) G Lab File ID: M12129.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	63	J
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB157

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.09

Sample wt/vol: 32.2 (g/mL) G Lab File ID: M12129.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB157

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.09

Sample wt/vol: 32.2 (g/mL) G Lab File ID: M12129.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB158

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.10

Sample wt/vol: 31.3 (g/mL) G Lab File ID: M12130.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-Chloroisopropyl)ether	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB158

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.10

Sample wt/vol: 31.3 (g/mL) G Lab File ID: M12130.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenylphenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	690	U
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
53-70-3	Dibenz(a,h)anthracene	340	U
191-24-2	Benzo(g,h,i)perylene	340	U
110-86-1	Pyridine	340	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB158

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.10

Sample wt/vol: 31.3 (g/mL) G Lab File ID: M12130.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 8 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB159

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.11

Sample wt/vol: 31.7 (g/mL) G Lab File ID: M12131.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB159

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.11

Sample wt/vol: 31.7 (g/mL) G Lab File ID: M12131.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	720	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB159

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.11

Sample wt/vol: 31.7 (g/mL) G Lab File ID: M12131.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 13 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB160

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.12

Sample wt/vol: 31.0 (g/mL) G Lab File ID: M12132.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 15 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB160

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.12

Sample wt/vol: 31.0 (g/mL) G Lab File ID: M12132.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 15 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB160

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.12

Sample wt/vol: 31.0 (g/mL) G Lab File ID: M12132.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 15 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.2 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB161

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.13

Sample wt/vol: 31.2 (g/mL) G Lab File ID: M12133.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB161

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.13

Sample wt/vol: 31.2 (g/mL) G Lab File ID: M12133.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	760	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB161

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.13

Sample wt/vol: 31.2 (g/mL) G Lab File ID: M12133.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.3 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB162

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.14

Sample wt/vol: 32.3 (g/mL) G Lab File ID: M12134.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB162

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.14

Sample wt/vol: 32.3 (g/mL) G Lab File ID: M12134.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB162

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.14

Sample wt/vol: 32.3 (g/mL) G Lab File ID: M12134.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/06/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB163

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.15

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17939.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 dec. Date Extracted: 11/10/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/11/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB163

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.15

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17939.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 dec. Date Extracted: 11/10/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/11/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	700	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB163

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.15

Sample wt/vol: 31.6 (g/mL) G Lab File ID: P17939.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 11 dec. Date Extracted: 11/10/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/11/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB164

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.16

Sample wt/vol: 31.6 (g/mL) G Lab File ID: M12136.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	bis(2-Chloroisopropyl)ether	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB164

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.16

Sample wt/vol: 31.6 (g/mL) G Lab File ID: M12136.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	360	U
121-14-2	2,4-Dinitrotoluene	360	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenylphenylether	360	U
118-74-1	Hexachlorobenzene	360	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenz(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U
110-86-1	Pyridine	360	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB164

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.16

Sample wt/vol: 31.6 (g/mL) G Lab File ID: M12136.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 14 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB165

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.17

Sample wt/vol: 31.3 (g/mL) G Lab File ID: M12137.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	bis(2-Chloroisopropyl)ether	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB165

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.17

Sample wt/vol: 31.3 (g/mL) G Lab File ID: M12137.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	380	U
121-14-2	2,4-Dinitrotoluene	380	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenylphenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	770	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenz(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
110-86-1	Pyridine	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB165

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.17

Sample wt/vol: 31.3 (g/mL) G Lab File ID: M12137.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 18 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/07/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB166

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.18

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M12162.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 22 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB166

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.18

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M12162.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 22 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB166

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.18

Sample wt/vol: 31.4 (g/mL) G Lab File ID: M12162.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 22 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB167

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.19

Sample wt/vol: 32.8 (g/mL) G Lab File ID: M12163.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB167

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.19

Sample wt/vol: 32.8 (g/mL) G Lab File ID: M12163.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB167

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.19

Sample wt/vol: 32.8 (g/mL) G Lab File ID: M12163.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB168

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.20

Sample wt/vol: 30.3 (g/mL) G Lab File ID: M12164.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB168

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.20

Sample wt/vol: 30.3 (g/mL) G Lab File ID: M12164.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB168

Lab Name: SWL-TULSA Contract: FORT HOOD R

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36195

Matrix: (soil/water) SOIL Lab Sample ID: 36195.20

Sample wt/vol: 30.3 (g/mL) G Lab File ID: M12164.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 19 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/10/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB149

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.01
Level (low/med): LOW Date Received: 10/31/98
% Solids: 74.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.4			P
7440-39-3	Barium	145		E	P
7440-43-9	Cadmium	0.24	B		P
7440-47-3	Chromium	15.3			P
7439-92-1	Lead	12.7			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.4	U	N	F
7440-22-4	Silver	0.15	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB150

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.02
Level (low/med): LOW Date Received: 10/31/98
% Solids: 92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.7			P
7440-39-3	Barium	13.1		E	P
7440-43-9	Cadmium	0.09	B		P
7440-47-3	Chromium	2.4			P
7439-92-1	Lead	0.94			P
7439-97-6	Mercury	0.93			AV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.13	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB151

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.03
Level (low/med): LOW Date Received: 10/31/98
% Solids: 82.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.5			P
7440-39-3	Barium	34.7		E	P
7440-43-9	Cadmium	0.06	B		P
7440-47-3	Chromium	5.7			P
7439-92-1	Lead	4.1			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.26	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB152

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.04
Level (low/med): LOW Date Received: 10/31/98
% Solids: 89.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.4			P
7440-39-3	Barium	38.9		E	P
7440-43-9	Cadmium	0.18	B		P
7440-47-3	Chromium	9.5			P
7439-92-1	Lead	34.7			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.13	U		P

Color Before: BROWN Clarity Before: Texture: .JM
Color After: YELLOW Clarity After: Artifacts

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB153

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.05
Level (low/med): LOW Date Received: 10/31/98
% Solids: 79.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.8			P
7440-39-3	Barium	72.3		E	P
7440-43-9	Cadmium	0.16	B		P
7440-47-3	Chromium	6.7			P
7439-92-1	Lead	4.9			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.4	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN Clarity Before: Texture: [illegible]M
Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT SAMPLE ID

46SB154

1

INORGANIC ANALYSES DATA SHEET

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 36195 SAS No.: _____ SDG No.: 36195_
Matrix (soil/water): SOIL_ Lab Sample ID: 36195.06
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _87.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.4			P
7440-39-3	Barium	64.0		E	P
7440-43-9	Cadmium	0.14	B		P
7440-47-3	Chromium	7.3			P
7439-92-1	Lead	3.9			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	N	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN____ Clarity Before: _____ Texture: [illegible]
Color After: YELLOW___ Clarity After: _____ Artifacts _____

Comments:

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1

CLIENT SAMPLE ID

46SB155

INORGANIC ANALYSES DATA SHEET

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.07
Level (low/med): LOW Date Received: 10/31/98
% Solids: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.1	B		P
7440-39-3	Barium	69.0		E	P
7440-43-9	Cadmium	0.10	B		P
7440-47-3	Chromium	4.4			P
7439-92-1	Lead	2.1			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.13	U		P

Color Before: BROWN Clarity Before: Texture: [illegible]
Color After: YELLOW Clarity After: Artifacts:

Comments:

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CLIENT SAMPLE ID

46SB156

1

INORGANIC ANALYSES DATA SHEET

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195

Matrix (soil/water): SOIL Lab Sample ID: 36195.08

Level (low/med): LOW Date Received: 10/31/98

% Solids: 80.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.4			P
7440-39-3	Barium	39.3		E	P
7440-43-9	Cadmium	0.09	B		P
7440-47-3	Chromium	3.7			P
7439-92-1	Lead	4.5			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	WN	F
7440-22-4	Silver	0.15	U		P

Color Before: BROWN Clarity Before: Texture: [illegible]

Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB157

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.09
Level (low/med): LOW Date Received: 10/31/98
% Solids: 83.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.1			P
7440-39-3	Barium	25.5		E	P
7440-43-9	Cadmium	0.14	B		P
7440-47-3	Chromium	3.8			P
7439-92-1	Lead	3.0			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN Clarity Before: Texture: M
Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB158

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.10
Level (low/med): LOW Date Received: 10/31/98
% Solids: 91.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.0			P
7440-39-3	Barium	25.4		E	P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	5.1			P
7439-92-1	Lead	4.8			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.1	U	WN	F
7440-22-4	Silver	0.13	U		P

Color Before: BROWN Clarity Before: Texture: [illegible]M
Color After: YELLOW Clarity After: Artifacts

Comments:

014

CLIENT SAMPLE ID

46SB159

1

INORGANIC ANALYSES DATA SHEET

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195

Matrix (soil/water): SOIL Lab Sample ID: 36195.11

Level (low/med): LOW Date Received: 10/31/98

% Solids: 86.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.8			P
7440-39-3	Barium	61.7		E	P
7440-43-9	Cadmium	0.17	B		P
7440-47-3	Chromium	8.9			P
7439-92-1	Lead	4.8			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	N	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN Clarity Before: Texture: [illegible]M

Color After: YELLOW Clarity After: Artifacts:

Comments:

FORM I - IN

1
INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB160

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.12
Level (low/med): LOW Date Received: 10/31/98
% Solids: 85.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.4			P
7440-39-3	Barium	42.4		E	P
7440-43-9	Cadmium	0.13	B		P
7440-47-3	Chromium	6.0			P
7439-92-1	Lead	3.6			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	N	F
7440-22-4	Silver	0.13	U		P

Color Before: BROWN Clarity Before: Texture: M
Color After: YELLOW Clarity After: Artifacts

Comments:

016

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB161

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195

Matrix (soil/water): SOIL Lab Sample ID: 36195.13

Level (low/med): LOW Date Received: 10/31/98

% Solids: 83.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.1			P
7440-39-3	Barium	47.8		E	P
7440-43-9	Cadmium	0.21	B		P
7440-47-3	Chromium	12.8			P
7439-92-1	Lead	13.5			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	N	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN Clarity Before: Texture: [illegible]

Color After: YELLOW Clarity After: Artifacts:

Comments:

FORM I - IN

017

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB162

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.14
Level (low/med): LOW Date Received: 10/31/98
% Solids: 83.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.0			P
7440-39-3	Barium	31.9		E	P
7440-43-9	Cadmium	0.13	B		P
7440-47-3	Chromium	3.8			P
7439-92-1	Lead	2.0			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN Clarity Before: Texture: M
Color After: YELLOW Clarity After: Artifacts:

Comments:

FORM I - IN

018

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB163

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195

Matrix (soil/water): SOIL Lab Sample ID: 36195.15

Level (low/med): LOW Date Received: 10/31/98

% Solids: 88.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.7			P
7440-39-3	Barium	35.9		E	P
7440-43-9	Cadmium	0.09	B		P
7440-47-3	Chromium	4.2			P
7439-92-1	Lead	4.4			P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.13	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB164

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.16
Level (low/med): LOW Date Received: 10/31/98
% Solids: 86.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.2			P
7440-39-3	Barium	26.6		E	P
7440-43-9	Cadmium	0.12	B		P
7440-47-3	Chromium	5.6			P
7439-92-1	Lead	3.4			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB165

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.17
Level (low/med): LOW Date Received: 10/31/98
% Solids: 81.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.4			P
7440-39-3	Barium	55.6		E	P
7440-43-9	Cadmium	0.22	B		P
7440-47-3	Chromium	6.4			P
7439-92-1	Lead	4.7			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	WN	F
7440-22-4	Silver	0.14	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB166

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.18
Level (low/med): LOW Date Received: 10/31/98
% Solids: 77.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.2			P
7440-39-3	Barium	83.9		E	P
7440-43-9	Cadmium	0.25	B		P
7440-47-3	Chromium	10.6			P
7439-92-1	Lead	9.0			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	WN	F
7440-22-4	Silver	0.15	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB167

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.19
Level (low/med): LOW Date Received: 10/31/98
% Solids: 80.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.3			P
7440-39-3	Barium	280		E	P
7440-43-9	Cadmium	0.24	B		P
7440-47-3	Chromium	14.4			P
7439-92-1	Lead	13.1			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.4	U	WN	F
7440-22-4	Silver	0.15	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46SB168

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 36195 SAS No.: SDG No.: 36195
Matrix (soil/water): SOIL Lab Sample ID: 36195.20
Level (low/med): LOW Date Received: 10/31/98
% Solids: 80.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.2			P
7440-39-3	Barium	24.5		E	P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	4.1			P
7439-92-1	Lead	1.5			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.4	B	WN	F
7440-22-4	Silver	0.15	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB169

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39121.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	80	
67-64-1	ACETONE	35	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB169

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39121.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB170

ab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39143.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	4	J
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB170

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39143.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB171

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39157.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	7	U
74-83-9	BROMOMETHANE	7	U
75-01-4	VINYL CHLORIDE	7	U
75-00-3	CHLOROETHANE	7	U
75-09-2	METHYLENE CHLORIDE	7	U
67-64-1	ACETONE	7	U
75-35-4	1 1-DICHLOROETHENE	7	U
75-34-3	1 1-DICHLOROETHANE	7	U
67-66-3	CHLOROFORM	7	U
107-06-2	1 2-DICHLOROETHANE	7	U
78-93-3	2-BUTANONE	7	U
71-55-6	1 1 1-TRICHLOROETHANE	7	U
56-23-5	CARBON TETRACHLORIDE	7	U
75-27-4	BROMODICHLOROMETHANE	7	U
78-87-5	1 2-DICHLOROPROPANE	7	U
79-01-6	TRICHLOROETHENE	7	U
124-48-1	DIBROMOCHLOROMETHANE	7	U
79-00-5	1 1 2-TRICHLOROETHANE	7	U
71-43-2	BENZENE	7	U
75-25-2	BROMOFORM	7	U
108-10-1	4-METHYL-2-PENTANONE	7	U
591-78-6	2-HEXANONE	7	U
127-18-4	TETRACHLOROETHENE	7	U
108-88-3	TOLUENE	7	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	7	U
108-90-7	CHLOROBENZENE	7	U
100-41-4	ETHYL BENZENE	7	U
100-42-5	STYRENE	7	U
156-59-2	cis-1 2-DICHLOROETHENE	7	U
156-60-5	trans-1 2-DICHLOROETHENE	7	U
13-302-07	m,p-XYLENES	7	U
95-47-6	o-XYLENE	7	U
106-93-4	1 2-DIBROMOETHANE	7	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	7	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB171

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39157.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	7	U
75-71-8	DICHLORODIFLUOROMETHANE	7	U
75-69-4	TRICHLOROFLUOROMETHANE	7	U
74-95-3	DIBROMOMETHANE	7	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	7	U
108-86-1	BROMOBENZENE	7	U
104-51-8	n-BUTYLBENZENE	7	U
98-06-6	tert-BUTYLBENZENE	7	U
135-98-8	sec-BUTYLBENZENE	7	U
95-49-8	2-CHLOROTOLUENE	7	U
106-43-4	4-CHLOROTOLUENE	7	U
95-50-1	1 2-DICHLOROBENZENE	7	U
541-73-1	1 3-DICHLOROBENZENE	7	U
106-46-7	1 4-DICHLOROBENZENE	7	U
142-28-9	1 3-DICHLOROPROPANE	7	U
594-20-7	2 2-DICHLOROPROPANE	7	U
563-58-6	1 1-DICHLOROPROPENE	7	U
87-68-3	HEXACHLOROBUTADIENE	7	U
98-82-8	ISOPROPYLBENZENE	7	U
99-87-6	p-ISOPROPYLTOLUENE	7	U
91-20-3	NAPHTHALENE	7	U
103-65-1	n-PROPYLBENZENE	7	U
87-61-6	1 2 3-TRICHLOROBENZENE	7	U
120-82-1	1 2 4-TRICHLOROBENZENE	7	U
95-63-6	1 2 4-TRIMETHYLBENZENE	7	U
108-67-8	1 3 5-TRIMETHYLBENZENE	7	U
74-97-5	BROMOCHLOROMETHANE	7	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB172

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39144.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB172

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39144.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB173

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39145.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 24 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	6	U
67-64-1	ACETONE	6	U
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	6	U
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB173

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39145.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 24 Date Analyzed: 11/03/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB174

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39129.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 9 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	35	
67-64-1	ACETONE	16	
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	25	
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB174

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39129.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 9 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB175

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39130.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	6	U
74-83-9	BROMOMETHANE	6	U
75-01-4	VINYL CHLORIDE	6	U
75-00-3	CHLOROETHANE	6	U
75-09-2	METHYLENE CHLORIDE	34	
67-64-1	ACETONE	12	
75-35-4	1 1-DICHLOROETHENE	6	U
75-34-3	1 1-DICHLOROETHANE	6	U
67-66-3	CHLOROFORM	6	U
107-06-2	1 2-DICHLOROETHANE	6	U
78-93-3	2-BUTANONE	9	
71-55-6	1 1 1-TRICHLOROETHANE	6	U
56-23-5	CARBON TETRACHLORIDE	6	U
75-27-4	BROMODICHLOROMETHANE	6	U
78-87-5	1 2-DICHLOROPROPANE	6	U
79-01-6	TRICHLOROETHENE	6	U
124-48-1	DIBROMOCHLOROMETHANE	6	U
79-00-5	1 1 2-TRICHLOROETHANE	6	U
71-43-2	BENZENE	6	U
75-25-2	BROMOFORM	6	U
108-10-1	4-METHYL-2-PENTANONE	6	U
591-78-6	2-HEXANONE	6	U
127-18-4	TETRACHLOROETHENE	6	U
108-88-3	TOLUENE	6	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	6	U
108-90-7	CHLOROBENZENE	6	U
100-41-4	ETHYL BENZENE	6	U
100-42-5	STYRENE	6	U
156-59-2	cis-1 2-DICHLOROETHENE	6	U
156-60-5	trans-1 2-DICHLOROETHENE	6	U
13-302-07	m,p-XYLENES	6	U
95-47-6	o-XYLENE	6	U
106-93-4	1 2-DIBROMOETHANE	6	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB175

Lab Name: SWL-TULSA Contract: FTHOOD RFI

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I39130.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 Date Analyzed: 11/02/98

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	6	U
75-71-8	DICHLORODIFLUOROMETHANE	6	U
75-69-4	TRICHLOROFLUOROMETHANE	6	U
74-95-3	DIBROMOMETHANE	6	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	6	U
108-86-1	BROMOBENZENE	6	U
104-51-8	n-BUTYLBENZENE	6	U
98-06-6	tert-BUTYLBENZENE	6	U
135-98-8	sec-BUTYLBENZENE	6	U
95-49-8	2-CHLOROTOLUENE	6	U
106-43-4	4-CHLOROTOLUENE	6	U
95-50-1	1 2-DICHLOROBENZENE	6	U
541-73-1	1 3-DICHLOROBENZENE	6	U
106-46-7	1 4-DICHLOROBENZENE	6	U
142-28-9	1 3-DICHLOROPROPANE	6	U
594-20-7	2 2-DICHLOROPROPANE	6	U
563-58-6	1 1-DICHLOROPROPENE	6	U
87-68-3	HEXACHLOROBUTADIENE	6	U
98-82-8	ISOPROPYLBENZENE	6	U
99-87-6	p-ISOPROPYLTOLUENE	6	U
91-20-3	NAPHTHALENE	6	U
103-65-1	n-PROPYLBENZENE	6	U
87-61-6	1 2 3-TRICHLOROBENZENE	6	U
120-82-1	1 2 4-TRICHLOROBENZENE	6	U
95-63-6	1 2 4-TRIMETHYLBENZENE	6	U
108-67-8	1 3 5-TRIMETHYLBENZENE	6	U
74-97-5	BROMOCHLOROMETHANE	6	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB169

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.01

Sample wt/vol: 30.9 (g/mL) G Lab File ID: H3651.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB169

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.01

Sample wt/vol: 30.9 (g/mL) G Lab File ID: H3651.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB169

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.01

Sample wt/vol: 30.9 (g/mL) G Lab File ID: H3651.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 20 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB170

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.02

Sample wt/vol: 30.4 (g/mL) G Lab File ID: H3652.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
100-51-6	Benzyl alcohol	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	bis(2-Chloroisopropyl)ether	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
65-85-0	Benzoic Acid	1900	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	1900	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB170

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.02

Sample wt/vol: 30.4 (g/mL) G Lab File ID: H3652.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	390	U
121-14-2	2,4-Dinitrotoluene	390	U
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenylphenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenz(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
110-86-1	Pyridine	390	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB170

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.02

Sample wt/vol: 30.4 (g/mL) G Lab File ID: H3652.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 17 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB171

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.03

Sample wt/vol: 32.6 (g/mL) G Lab File ID: H3661.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB171

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.03

Sample wt/vol: 32.6 (g/mL) G Lab File ID: H3661.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB171

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.03

Sample wt/vol: 32.6 (g/mL) G Lab File ID: H3661.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 25 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB172

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.06

Sample wt/vol: 32.0 (g/mL) G Lab File ID: H3653.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	bis(2-Chloroisopropyl)ether	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
65-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB172

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.06

Sample wt/vol: 32.0 (g/mL) G Lab File ID: H3653.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	U
83-32-9	Acenaphthene	370	U
121-14-2	2,4-Dinitrotoluene	370	U
51-28-5	2,4-Dinitrophenol	1800	U
100-02-7	4-Nitrophenol	1800	U
132-64-9	Dibenzofuran	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenylphenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	740	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U
110-86-1	Pyridine	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB172

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.06

Sample wt/vol: 32.0 (g/mL) G Lab File ID: H3653.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 16 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.4 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB173

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.07

Sample wt/vol: 32.2 (g/mL) G Lab File ID: H3654.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 24 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
100-51-6	Benzyl alcohol	400	U
95-50-1	1,2-Dichlorobenzene	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	bis(2-Chloroisopropyl)ether	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB173

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.07

Sample wt/vol: 32.2 (g/mL) G Lab File ID: H3654.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 24 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	400	U
121-14-2	2,4-Dinitrotoluene	400	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenylphenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenz(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
110-86-1	Pyridine	400	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB173

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.07

Sample wt/vol: 32.2 (g/mL) G Lab File ID: H3654.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 24 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.9 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB174

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.08

Sample wt/vol: 30.7 (g/mL) G Lab File ID: H3655.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 9 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-Chloroisopropyl)ether	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
65-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB174

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.08

Sample wt/vol: 30.7 (g/mL) G Lab File ID: H3655.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 9 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenylphenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenz(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U
110-86-1	Pyridine	350	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB174

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.08

Sample wt/vol: 30.7 (g/mL) G Lab File ID: H3655.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 9 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.7 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB175

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.09

Sample wt/vol: 33.0 (g/mL) G Lab File ID: H3656.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-Chloroisopropyl)ether	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
65-85-0	Benzoic Acid	1600	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB175

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.09

Sample wt/vol: 33.0 (g/mL) G Lab File ID: H3656.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenylphenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	680	U
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
53-70-3	Dibenz(a,h)anthracene	340	U
191-24-2	Benzo(g,h,i)perylene	340	U
110-86-1	Pyridine	340	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46SB175

Lab Name: SWL-TULSA Contract: FORT HOOD R

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 36194

Matrix: (soil/water) SOIL Lab Sample ID: 36194.09

Sample wt/vol: 33.0 (g/mL) G Lab File ID: H3656.D

Level: (low/med) LOW Date Received: 10/31/98

% Moisture: not dec. 12 dec. Date Extracted: 11/02/98

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/05/98

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46S8169

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36194 SAS No.: _____ SDG No.: 36194_
Matrix (soil/water): SOIL_ Lab Sample ID: 36194.01
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _79.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	13.4			P
7440-39-3	Barium	40.7			P
7440-43-9	Cadmium	0.29			P
7440-47-3	Chromium	9.3			P
7439-92-1	Lead	6.6		E	P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	0.27	U	WN	F
7440-22-4	Silver	0.36	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46S8170

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36194 SAS No.: _____ SDG No.: 36194_
Matrix (soil/water): SOIL_ Lab Sample ID: 36194.02
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _82.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.3			P
7440-39-3	Barium	70.0			P
7440-43-9	Cadmium	0.36			P
7440-47-3	Chromium	11.8			P
7439-92-1	Lead	25.1		E	P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	0.33	B	EN	F
7440-22-4	Silver	0.36	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46S8171

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36194 SAS No.: _____ SDG No.: 36194_
Matrix (soil/water): SOIL_ Lab Sample ID: 36194.03
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _75.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.7			P
7440-39-3	Barium	151			P
7440-43-9	Cadmium	0.40			P
7440-47-3	Chromium	16.2			P
7439-92-1	Lead	16.4		E	P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	0.28	U	WN	F
7440-22-4	Silver	0.39	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46S8172

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36194 SAS No.: _____ SDG No.: 36194_
Matrix (soil/water): SOIL_ Lab Sample ID: 36194.06
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _84.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.0			P
7440-39-3	Barium	43.2			P
7440-43-9	Cadmium	0.15			P
7440-47-3	Chromium	6.5			P
7439-92-1	Lead	3.9		E	P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	0.25	U	WN	F
7440-22-4	Silver	0.35	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46S8173

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36194 SAS No.: _____ SDG No.: 36194_
Matrix (soil/water): SOIL_ Lab Sample ID: 36194.07
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _76.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.8			P
7440-39-3	Barium	100			P
7440-43-9	Cadmium	0.35			P
7440-47-3	Chromium	14.1			P
7439-92-1	Lead	10.3		E	P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	1.4	U	N	F
7440-22-4	Silver	0.39	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46S8174

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36194 SAS No.: _____ SDG No.: 36194_
Matrix (soil/water): SOIL_ Lab Sample ID: 36194.08
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _91.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.9			P
7440-39-3	Barium	30.0			P
7440-43-9	Cadmium	0.13			P
7440-47-3	Chromium	3.6			P
7439-92-1	Lead	1.4		E	P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.32	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46S8175

Lab Name: SOUTHWEST_LABS_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 36194 SAS No.: _____ SDG No.: 36194_
Matrix (soil/water): SOIL_ Lab Sample ID: 36194.09
Level (low/med): LOW__ Date Received: 10/31/98
% Solids: _87.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.8			P
7440-39-3	Barium	22.3			P
7440-43-9	Cadmium	0.13			P
7440-47-3	Chromium	3.5			P
7439-92-1	Lead	1.5		E	P
7439-97-6	Mercury	0.04	U		CV
7782-49-2	Selenium	1.2	U	WN	F
7440-22-4	Silver	0.34	U		P

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKSD1

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) SOIL Lab Sample ID: 31025.01

Sample wt/vol: 4.0 (g/mL) G Lab File ID: I25332.D

Level: (low/med) MED Date Received: 09/16/97

% Moisture: not dec. 81 Date Analyzed: 09/23/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	CHLOROMETHANE	3300	U
74-83-9	BROMOMETHANE	3300	U
75-01-4	VINYL CHLORIDE	3300	U
75-00-3	CHLOROETHANE	3300	U
75-09-2	METHYLENE CHLORIDE	3300	U
67-64-1	ACETONE	3300	U
75-35-4	1 1-DICHLOROETHENE	3300	U
75-34-3	1 1-DICHLOROETHANE	3300	U
67-66-3	CHLOROFORM	3300	U
107-06-2	1 2-DICHLOROETHANE	3300	U
78-93-3	2-BUTANONE	3300	U
71-55-6	1 1 1-TRICHLOROETHANE	3300	U
56-23-5	CARBON TETRACHLORIDE	3300	U
75-27-4	BROMODICHLOROMETHANE	3300	U
78-87-5	1 2-DICHLOROPROPANE	3300	U
79-01-6	TRICHLOROETHENE	3300	U
124-48-1	DIBROMOCHLOROMETHANE	4200	
79-00-5	1 1 2-TRICHLOROETHANE	3300	U
71-43-2	BENZENE	3300	U
75-25-2	BROMOFORM	3300	U
108-10-1	4-METHYL-2-PENTANONE	3300	U
591-78-6	2-HEXANONE	3300	U
127-18-4	TETRACHLOROETHENE	3300	U
108-88-3	TOLUENE	3300	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	3300	U
108-90-7	CHLOROBENZENE	3300	U
100-41-4	ETHYL BENZENE	3300	U
100-42-5	STYRENE	3300	U
156-59-2	cis-1 2-DICHLOROETHENE	3300	U
156-60-5	trans-1 2-DICHLOROETHENE	3300	U
13-302-07	m,p-XYLENES	6200	
95-47-6	o-XYLENE	3300	U
106-93-4	1 2-DIBROMOETHANE	3300	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	3300	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKSD1

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) SOIL Lab Sample ID: 31025.01

Sample wt/vol: 4.0 (g/mL) G Lab File ID: I25332.D

Level: (low/med) MED Date Received: 09/16/97

% Moisture: not dec. 81 Date Analyzed: 09/23/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
96-18-4	1 2 3-TRICHLOROPROPANE	3300	U
75-71-8	DICHLORODIFLUOROMETHANE	3300	U
75-69-4	TRICHLOROFLUOROMETHANE	3300	U
74-95-3	DIBROMOMETHANE	3300	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	3300	U
108-86-1	BROMOBENZENE	3300	U
104-51-8	n-BUTYLBENZENE	3300	U
98-06-6	tert-BUTYLBENZENE	3300	U
135-98-8	sec-BUTYLBENZENE	3300	U
95-49-8	2-CHLOROTOLUENE	3300	U
106-43-4	4-CHLOROTOLUENE	3300	U
95-50-1	1 2-DICHLOROBENZENE	3300	U
541-73-1	1 3-DICHLOROBENZENE	3300	U
106-46-7	1 4-DICHLOROBENZENE	3300	U
142-28-9	1 3-DICHLOROPROPANE	3300	U
594-20-7	2 2-DICHLOROPROPANE	3300	U
563-58-6	1 1-DICHLOROPROPENE	3300	U
87-68-3	HEXACHLOROBUTADIENE	3300	U
98-82-8	ISOPROPYLBENZENE	3100	J
99-87-6	p-ISOPROPYLTOLUENE	2300	J
91-20-3	NAPHTHALENE	12000	
103-65-1	n-PROPYLBENZENE	680	J
87-61-6	1 2 3-TRICHLOROBENZENE	3300	U
120-82-1	1 2 4-TRICHLOROBENZENE	3300	U
95-63-6	1 2 4-TRIMETHYLBENZENE	3900	
108-67-8	1 3 5-TRIMETHYLBENZENE	3300	U
74-97-5	BROMOCHLOROMETHANE	3300	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKWA1

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) WATER Lab Sample ID: 31025.02

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: I25311.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. _____ Date Analyzed: 09/22/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	30	B
67-64-1	ACETONE	100	
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	1	J
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	70	
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	18	
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKWA1

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) WATER Lab Sample ID: 31025.02

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: I25311.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. _____ Date Analyzed: 09/22/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKSD1

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) SOIL Lab Sample ID: 31025.01

Sample wt/vol: 32.6 (g/mL) G Lab File ID: T23453.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 81 dec. Date Extracted: 09/18/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/01/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) Y pH: 6.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3200	U
111-44-4	bis(2-Chloroethyl)ether	3200	U
95-57-8	2-Chlorophenol	3200	U
541-73-1	1,3-Dichlorobenzene	3200	U
106-46-7	1,4-Dichlorobenzene	3200	U
100-51-6	Benzyl alcohol	3200	U
95-50-1	1,2-Dichlorobenzene	3200	U
95-48-7	2-Methylphenol	3200	U
108-60-1	bis(2-Chloroisopropyl)ether	3200	U
106-44-5	4-Methylphenol	3200	U
621-64-7	N-Nitroso-di-n-propylamine	3200	U
67-72-1	Hexachloroethane	3200	U
98-95-3	Nitrobenzene	3200	U
78-59-1	Isophorone	3200	U
88-75-5	2-Nitrophenol	3200	U
105-67-9	2,4-Dimethylphenol	3200	U
65-85-0	Benzoic Acid	15000	U
111-91-1	bis(2-Chloroethoxy)methane	3200	U
120-83-2	2,4-Dichlorophenol	3200	U
120-82-1	1,2,4-Trichlorobenzene	3200	U
91-20-3	Naphthalene	23000	
106-47-8	4-Chloroaniline	3200	U
87-68-3	Hexachlorobutadiene	3200	U
59-50-7	4-Chloro-3-methylphenol	3200	U
91-57-6	2-Methylnaphthalene	45000	E
77-47-4	Hexachlorocyclopentadiene	3200	U
88-06-2	2,4,6-Trichlorophenol	3200	U
95-95-4	2,4,5-Trichlorophenol	15000	U
91-58-7	2-Chloronaphthalene	3200	U
88-74-4	2-Nitroaniline	15000	U
131-11-3	Dimethylphthalate	3200	U
208-96-8	Acenaphthylene	3200	U
606-20-2	2,6-Dinitrotoluene	3200	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKSD1

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) SOIL Lab Sample ID: 31025.01

Sample wt/vol: 32.6 (g/mL) G Lab File ID: T23453.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 81 dec. Date Extracted: 09/18/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/01/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) Y pH: 6.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	15000	U
83-32-9	Acenaphthene	560	J
121-14-2	2,4-Dinitrotoluene	3200	U
51-28-5	2,4-Dinitrophenol	15000	U
100-02-7	4-Nitrophenol	15000	U
132-64-9	Dibenzofuran	640	J
84-66-2	Diethylphthalate	3200	U
7005-72-3	4-Chlorophenyl-phenylether	3200	U
86-73-7	Fluorene	1300	J
100-01-6	4-Nitroaniline	15000	U
534-52-1	4,6-Dinitro-2-methylphenol	15000	U
86-30-6	N-Nitrosodiphenylamine (1)	3200	U
101-55-3	4-Bromophenylphenylether	3200	U
118-74-1	Hexachlorobenzene	3200	U
87-86-5	Pentachlorophenol	15000	U
85-01-8	Phenanthrene	2700	J
120-12-7	Anthracene	3200	U
84-74-2	Di-n-butylphthalate	3200	U
206-44-0	Fluoranthene	3200	U
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	670	J
91-94-1	3,3'-Dichlorobenzidine	6400	U
56-55-3	Benzo(a)anthracene	3200	U
218-01-9	Chrysene	3200	U
117-81-7	bis(2-Ethylhexyl)phthalate	44000	E
117-84-0	Di-n-octylphthalate	900	J
205-99-2	Benzo(b)fluoranthene	3200	U
207-08-9	Benzo(k)fluoranthene	3200	U
50-32-8	Benzo(a)pyrene	3200	U
193-39-5	Indeno(1,2,3-cd)pyrene	3200	U
53-70-3	Dibenz(a,h)anthracene	3200	U
191-24-2	Benzo(g,h,i)perylene	3200	U
110-86-1	Pyridine	3200	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKSD1

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) SOIL Lab Sample ID: 31025.01

Sample wt/vol: 32.6 (g/mL) G Lab File ID: T23453.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 81 dec. Date Extracted: 09/18/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/01/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) Y pH: 6.5 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	3200	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKSD1DL

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) SOIL Lab Sample ID: 31025.01DL

Sample wt/vol: 32.6 (g/mL) G Lab File ID: T23501.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 81 dec. Date Extracted: 09/18/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/02/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) Y pH: 6.5 Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	13000	U
111-44-4	bis(2-Chloroethyl)ether	13000	U
95-57-8	2-Chlorophenol	13000	U
541-73-1	1,3-Dichlorobenzene	13000	U
106-46-7	1,4-Dichlorobenzene	13000	U
100-51-6	Benzyl alcohol	13000	U
95-50-1	1,2-Dichlorobenzene	13000	U
95-48-7	2-Methylphenol	13000	U
108-60-1	bis(2-Chloroisopropyl)ether	13000	U
106-44-5	4-Methylphenol	13000	U
621-64-7	N-Nitroso-di-n-propylamine	13000	U
67-72-1	Hexachloroethane	13000	U
98-95-3	Nitrobenzene	13000	U
78-59-1	Isophorone	13000	U
88-75-5	2-Nitrophenol	13000	U
105-67-9	2,4-Dimethylphenol	13000	U
65-85-0	Benzoic Acid	62000	U
111-91-1	bis(2-Chloroethoxy)methane	13000	U
120-83-2	2,4-Dichlorophenol	13000	U
120-82-1	1,2,4-Trichlorobenzene	13000	U
91-20-3	Naphthalene	44000	D
106-47-8	4-Chloroaniline	13000	U
87-68-3	Hexachlorobutadiene	13000	U
59-50-7	4-Chloro-3-methylphenol	13000	U
91-57-6	2-Methylnaphthalene	42000	D
77-47-4	Hexachlorocyclopentadiene	13000	U
88-06-2	2,4,6-Trichlorophenol	13000	U
95-95-4	2,4,5-Trichlorophenol	62000	U
91-58-7	2-Chloronaphthalene	13000	U
88-74-4	2-Nitroaniline	62000	U
131-11-3	Dimethylphthalate	13000	U
208-96-8	Acenaphthylene	13000	U
606-20-2	2,6-Dinitrotoluene	13000	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKSD1DL

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) SOIL Lab Sample ID: 31025.01DL

Sample wt/vol: 32.6 (g/mL) G Lab File ID: T23501.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 81 dec. Date Extracted: 09/18/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/02/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) Y pH: 6.5 Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	62000	U
83-32-9	Acenaphthene	13000	U
121-14-2	2,4-Dinitrotoluene	13000	U
51-28-5	2,4-Dinitrophenol	62000	U
100-02-7	4-Nitrophenol	62000	U
132-64-9	Dibenzofuran	13000	U
84-66-2	Diethylphthalate	13000	U
7005-72-3	4-Chlorophenyl-phenylether	13000	U
86-73-7	Fluorene	13000	U
100-01-6	4-Nitroaniline	62000	U
534-52-1	4,6-Dinitro-2-methylphenol	62000	U
86-30-6	N-Nitrosodiphenylamine (1)	13000	U
101-55-3	4-Bromophenylphenylether	13000	U
118-74-1	Hexachlorobenzene	13000	U
87-86-5	Pentachlorophenol	62000	U
85-01-8	Phenanthrene	2500	JD
120-12-7	Anthracene	13000	U
84-74-2	Di-n-butylphthalate	13000	U
206-44-0	Fluoranthene	13000	U
129-00-0	Pyrene	13000	U
85-68-7	Butylbenzylphthalate	13000	U
91-94-1	3,3'-Dichlorobenzidine	26000	U
56-55-3	Benzo(a)anthracene	13000	U
218-01-9	Chrysene	13000	U
117-81-7	bis(2-Ethylhexyl)phthalate	43000	D
117-84-0	Di-n-octylphthalate	13000	U
205-99-2	Benzo(b)fluoranthene	13000	U
207-08-9	Benzo(k)fluoranthene	13000	U
50-32-8	Benzo(a)pyrene	13000	U
193-39-5	Indeno(1,2,3-cd)pyrene	13000	U
53-70-3	Dibenz(a,h)anthracene	13000	U
191-24-2	Benzo(g,h,i)perylene	13000	U
110-86-1	Pyridine	13000	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKSD1DL

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) SOIL Lab Sample ID: 31025.01DL

Sample wt/vol: 32.6 (g/mL) G Lab File ID: T23501.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 81 dec. Date Extracted: 09/18/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 10/02/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) Y pH: 6.5 Dilution Factor: 4.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	13000	U

FORM I SV-3

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKWA1

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) WATER Lab Sample ID: 31025.02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T23418.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 0 dec. Date Extracted: 09/18/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 09/30/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	6	J
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKWA1

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) WATER Lab Sample ID: 31025.02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T23418.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 0 dec. Date Extracted: 09/18/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 09/30/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
121-14-2	2,4-Dinitrotoluene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenylphenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
110-86-1	Pyridine	10	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKWA1

Lab Name: SWL-TULSA Contract: FT. HOOD

ab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) WATER Lab Sample ID: 31025.02

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T23418.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 0 dec. Date Extracted: 09/18/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 09/30/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U

FORM I SV-3

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43408

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28434 SAS No.: SDG No.: 28434B

Matrix (soil/water): WATER Lab Sample ID: 28434.08

Level (low/med): LOW Date Received: 02/08/97

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	103			P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	0.80	U		P
7439-92-1	Lead	2.1	B		P
7439-97-6	Mercury	0.10	U		AV
7782-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	1.2	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

CLIENT_ID = FHGW120

FORM I - IN

ILM02.1

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FHGW119

ab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28434

Matrix: (soil/water) WATER Lab Sample ID: 28434.07

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: UL972.D

Level: (low/med) LOW Date Received: 02/08/97

% Moisture: not dec. _____ Date Analyzed: 02/13/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	U
67-64-1	ACETONE	23	B
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FHGW119

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28434

Matrix: (soil/water) WATER Lab Sample ID: 28434.07

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: UL972.D

Level: (low/med) LOW Date Received: 02/08/97

% Moisture: not dec. _____ Date Analyzed: 02/13/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	8	
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FHGW120

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28434

Matrix: (soil/water) WATER Lab Sample ID: 28434.08

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T20619.D

Level: (low/med) LOW Date Received: 02/08/97

% Moisture: not dec. 0 dec. Date Extracted: 02/10/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 02/14/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FHGW120

:b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28434

Matrix: (soil/water) WATER Lab Sample ID: 28434.08

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T20619.D

Level: (low/med) LOW Date Received: 02/08/97

% Moisture: not dec. 0 dec. Date Extracted: 02/10/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 02/14/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
121-14-2	2,4-Dinitrotoluene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenylphenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
110-86-1	Pyridine	10	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FHGW120

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28434

Matrix: (soil/water) WATER Lab Sample ID: 28434.08

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T20619.D

Level: (low/med) LOW Date Received: 02/08/97

% Moisture: not dec. 0 dec. Date Extracted: 02/10/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 02/14/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U

FORM I SV-3

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FHGW120

ab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28434

Matrix: (soil/water) WATER Lab Sample ID: 28434.08

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: UL973.D

Level: (low/med) LOW Date Received: 02/08/97

% Moisture: not dec. _____ Date Analyzed: 02/13/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	CHLOROMETHANE	5	U
74-83-9	BROMOMETHANE	5	U
75-01-4	VINYL CHLORIDE	5	U
75-00-3	CHLOROETHANE	5	U
75-09-2	METHYLENE CHLORIDE	5	U
67-64-1	ACETONE	5	B
75-35-4	1 1-DICHLOROETHENE	5	U
75-34-3	1 1-DICHLOROETHANE	5	U
67-66-3	CHLOROFORM	5	U
107-06-2	1 2-DICHLOROETHANE	5	U
78-93-3	2-BUTANONE	5	U
71-55-6	1 1 1-TRICHLOROETHANE	5	U
56-23-5	CARBON TETRACHLORIDE	5	U
75-27-4	BROMODICHLOROMETHANE	5	U
78-87-5	1 2-DICHLOROPROPANE	5	U
79-01-6	TRICHLOROETHENE	5	U
124-48-1	DIBROMOCHLOROMETHANE	5	U
79-00-5	1 1 2-TRICHLOROETHANE	5	U
71-43-2	BENZENE	5	U
75-25-2	BROMOFORM	5	U
108-10-1	4-METHYL-2-PENTANONE	5	U
591-78-6	2-HEXANONE	5	U
127-18-4	TETRACHLOROETHENE	5	U
108-88-3	TOLUENE	5	U
79-34-5	1 1 2 2-TETRACHLOROETHANE	5	U
108-90-7	CHLOROBENZENE	5	U
100-41-4	ETHYL BENZENE	5	U
100-42-5	STYRENE	5	U
156-59-2	cis-1 2-DICHLOROETHENE	5	U
156-60-5	trans-1 2-DICHLOROETHENE	5	U
13-302-07	m,p-XYLENES	5	U
95-47-6	o-XYLENE	5	U
106-93-4	1 2-DIBROMOETHANE	5	U
630-20-6	1 1 1 2-TETRACHLOROETHANE	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FHGW120

Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28434

Matrix: (soil/water) WATER Lab Sample ID: 28434.08

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: UL973.D

Level: (low/med) LOW Date Received: 02/08/97

% Moisture: not dec. _____ Date Analyzed: 02/13/97

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
96-18-4	1 2 3-TRICHLOROPROPANE	5	U
75-71-8	DICHLORODIFLUOROMETHANE	5	U
75-69-4	TRICHLOROFLUOROMETHANE	5	U
74-95-3	DIBROMOMETHANE	5	U
96-12-8	1 2-DIBROMO-3-CHLOROPROPANE	5	U
108-86-1	BROMOBENZENE	5	U
104-51-8	n-BUTYLBENZENE	5	U
98-06-6	tert-BUTYLBENZENE	5	U
135-98-8	sec-BUTYLBENZENE	5	U
95-49-8	2-CHLOROTOLUENE	5	U
106-43-4	4-CHLOROTOLUENE	5	U
95-50-1	1 2-DICHLOROBENZENE	5	U
541-73-1	1 3-DICHLOROBENZENE	5	U
106-46-7	1 4-DICHLOROBENZENE	5	U
142-28-9	1 3-DICHLOROPROPANE	5	U
594-20-7	2 2-DICHLOROPROPANE	5	U
563-58-6	1 1-DICHLOROPROPENE	5	U
87-68-3	HEXACHLOROBUTADIENE	5	U
98-82-8	ISOPROPYLBENZENE	5	U
99-87-6	p-ISOPROPYLTOLUENE	5	U
91-20-3	NAPHTHALENE	5	U
103-65-1	n-PROPYLBENZENE	5	U
87-61-6	1 2 3-TRICHLOROBENZENE	5	U
120-82-1	1 2 4-TRICHLOROBENZENE	5	U
95-63-6	1 2 4-TRIMETHYLBENZENE	5	U
108-67-8	1 3 5-TRIMETHYLBENZENE	5	U
74-97-5	BROMOCHLOROMETHANE	5	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKWA1RE

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) WATER Lab Sample ID: 31025.02RE

Sample wt/vol: 740 (g/mL) ML Lab File ID: T23522.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 0 dec. Date Extracted: 09/29/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	14	U
111-44-4	bis(2-Chloroethyl)ether	14	U
95-57-8	2-Chlorophenol	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
100-51-6	Benzyl alcohol	14	U
95-50-1	1,2-Dichlorobenzene	14	U
95-48-7	2-Methylphenol	14	U
108-60-1	bis(2-Chloroisopropyl)ether	14	U
106-44-5	4-Methylphenol	14	U
621-64-7	N-Nitroso-di-n-propylamine	14	U
67-72-1	Hexachloroethane	14	U
98-95-3	Nitrobenzene	14	U
78-59-1	Isophorone	14	U
88-75-5	2-Nitrophenol	14	U
105-67-9	2,4-Dimethylphenol	14	U
65-85-0	Benzoic Acid	68	U
111-91-1	bis(2-Chloroethoxy)methane	14	U
120-83-2	2,4-Dichlorophenol	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U
91-20-3	Naphthalene	14	U
106-47-8	4-Chloroaniline	14	U
87-68-3	Hexachlorobutadiene	14	U
59-50-7	4-Chloro-3-methylphenol	14	U
91-57-6	2-Methylnaphthalene	14	U
77-47-4	Hexachlorocyclopentadiene	14	U
88-06-2	2,4,6-Trichlorophenol	14	U
95-95-4	2,4,5-Trichlorophenol	68	U
91-58-7	2-Chloronaphthalene	14	U
88-74-4	2-Nitroaniline	68	U
131-11-3	Dimethylphthalate	14	U
208-96-8	Acenaphthylene	14	U
606-20-2	2,6-Dinitrotoluene	14	U

FORM I SV-1

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKWA1RE

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) WATER Lab Sample ID: 31025.02RE

Sample wt/vol: 740 (g/mL) ML Lab File ID: T23522.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 0 dec. Date Extracted: 09/29/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	68	U
83-32-9	Acenaphthene	14	U
121-14-2	2,4-Dinitrotoluene	14	U
51-28-5	2,4-Dinitrophenol	68	U
100-02-7	4-Nitrophenol	68	U
132-64-9	Dibenzofuran	14	U
84-66-2	Diethylphthalate	14	U
7005-72-3	4-Chlorophenyl-phenylether	14	U
86-73-7	Fluorene	14	U
100-01-6	4-Nitroaniline	68	U
534-52-1	4,6-Dinitro-2-methylphenol	68	U
86-30-6	N-Nitrosodiphenylamine (1)	14	U
101-55-3	4-Bromophenylphenylether	14	U
118-74-1	Hexachlorobenzene	14	U
87-86-5	Pentachlorophenol	68	U
85-01-8	Phenanthrene	14	U
120-12-7	Anthracene	14	U
84-74-2	Di-n-butylphthalate	14	U
206-44-0	Fluoranthene	14	U
129-00-0	Pyrene	14	U
85-68-7	Butylbenzylphthalate	14	U
91-94-1	3,3'-Dichlorobenzidine	27	U
56-55-3	Benzo(a)anthracene	14	U
218-01-9	Chrysene	14	U
117-81-7	bis(2-Ethylhexyl)phthalate	14	U
117-84-0	Di-n-octylphthalate	14	U
205-99-2	Benzo(b)fluoranthene	14	U
207-08-9	Benzo(k)fluoranthene	14	U
50-32-8	Benzo(a)pyrene	14	U
193-39-5	Indeno(1,2,3-cd)pyrene	14	U
53-70-3	Dibenz(a,h)anthracene	14	U
191-24-2	Benzo(g,h,i)perylene	14	U
110-86-1	Pyridine	14	U

FORM I SV-2

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

46TKWA1RE

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31025

Matrix: (soil/water) WATER Lab Sample ID: 31025.02RE

Sample wt/vol: 740 (g/mL) ML Lab File ID: T23522.D

Level: (low/med) LOW Date Received: 09/16/97

% Moisture: not dec. 0 dec. Date Extracted: 09/29/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/03/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 8.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U

FORM I SV-3

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46TKWA1

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: _____ SAS No.: _____ SDG No.: 31025B
Matrix (soil/water): WATER Lab Sample ID: 31025.02
Level (low/med): LOW__ Date Received: 09/16/97
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic__	2.1	U		P_
7440-39-3	Barium___	310			P_
7440-43-9	Cadmium__	0.30	U		P_
7440-47-3	Chromium_	1.0	U		P_
7439-92-1	Lead_____	1.2	B		P_
7439-97-6	Mercury__	0.10	U		AV
7782-49-2	Selenium_	5.9			F_
7440-22-4	Silver___	1.0	U		P_

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____
Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

FORM I - IN

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

46TKSD1

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 31025 SAS No.: SDG No.: 31025A
Matrix (soil/water): SOIL Lab Sample ID: 31025.01
Level (low/med): LOW Date Received: 09/16/97
% Solids: 19.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.6			P
7440-39-3	Barium	4580			P
7440-43-9	Cadmium	3.2			P
7440-47-3	Chromium	7930			P
7439-92-1	Lead	36700			P
7439-97-6	Mercury	41.1			AV
7782-49-2	Selenium	7.9	B		F
7440-22-4	Silver	0.86	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

FORM I - IN

APPENDIX D

Fort Hood RFI Background Soils Data

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB101 **Background Soil Boring SB101**

Sample ID: FH000-SB10112-10-96/2.0-2.5 (BKSB101) **Sample Depth:** 2.0-2.5 FT

Matrix: Soil **Field Sample Type:** Grab **Collected:** 12/10/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3	0.41	MG/KG		
Barium	21.3	0.10	MG/KG	*	J
Cadmium	0.12	0.05	MG/KG	B	
Chromium	5.1	0.10	MG/KG	E*	J
Lead	6	0.17	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.37	0.37	MG/KG	U	U
Silver	0.24	0.24	MG/KG	U	U

Sample ID: FH000-SB10212-10-96/4.0-4.7 (BKSB102) **Sample Depth:** 4.0-4.7 FT

Matrix: Soil **Field Sample Type:** Grab **Collected:** 12/10/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	2	0.39	MG/KG		
Barium	8	0.10	MG/KG	*	J
Cadmium	0.05	0.05	MG/KG	B	
Chromium	10.3	0.10	MG/KG	E*	J
Lead	5	0.17	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.36	0.36	MG/KG	U	U
Silver	0.23	0.23	MG/KG	U	U

Sample ID: FH000-SB10312-10-96/10.5-11.0 (BKSB103) **Sample Depth:** 10.5-11.0 FT

Matrix: Soil **Field Sample Type:** Grab **Collected:** 12/10/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	9.1	0.42	MG/KG		
Barium	14.7	0.10	MG/KG	*	J
Cadmium	0.05	0.05	MG/KG	U	U
Chromium	10.1	0.10	MG/KG	E*	J
Lead	9.5	0.18	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.38	0.38	MG/KG	U	U
Silver	0.24	0.24	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB102 Background Soil Boring SB102

Sample ID: FH000-SB12112-12-96/0.0-1.5 (BKSB121) Sample Depth: 0.0-1.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.1	0.36	MG/KG		
Barium	24	0.09	MG/KG		
Cadmium	0.18	0.05	MG/KG	B	
Chromium	6.3	0.09	MG/KG		
Lead	10.2	0.16	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.34	0.34	MG/KG	U	U
Silver	0.22	0.22	MG/KG	U	U

Sample ID: FH000-SB12212-12-96/14.0-14.5 (BKSB122) Sample Depth: 14.0-14.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.2	0.36	MG/KG		
Barium	6.1	0.09	MG/KG		
Cadmium	0.06	0.04	MG/KG	B	
Chromium	4.9	0.09	MG/KG		
Lead	4.1	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB12312-12-96/19.0-19.5 (BKSB123) Sample Depth: 19.0-19.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.8	0.36	MG/KG		
Barium	5.5	0.09	MG/KG		
Cadmium	0.08	0.04	MG/KG	B	
Chromium	4.3	0.09	MG/KG		
Lead	3.8	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB20212-12-96/0.0-1.5 (BKSB202) Sample Depth: 0.0-1.5 FT

Matrix: Soil Field Sample Type: Field Duplicate Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.2	0.37	MG/KG		
Barium	18.2	0.09	MG/KG		
Cadmium	0.12	0.04	MG/KG	B	
Chromium	5.9	0.09	MG/KG		
Lead	4.5	0.16	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.34	0.34	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB103 Background Soil Boring SB103

Sample ID: FH000-SB10412-10-96/0.0-1.5 (BKSB104) Sample Depth: 0.0-1.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/10/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	6.2	0.35	MG/KG		
Barium	28.2	0.08	MG/KG	*	J
Cadmium	0.15	0.04	MG/KG	B	
Chromium	3.1	0.08	MG/KG	E*	J
Lead	5.3	0.15	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.32	0.32	MG/KG	U	U
Silver	0.2	0.20	MG/KG	U	U

Sample ID: FH000-SB10512-10-96/4.0-6.0 (BKSB105) Sample Depth: 4.0-6.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/10/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.3	0.36	MG/KG		
Barium	23.4	0.09	MG/KG	*	J
Cadmium	0.11	0.04	MG/KG	B	
Chromium	4	0.09	MG/KG	E*	J
Lead	3.9	0.15	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB10612-10-96/9.0-9.4 (BKSB106) Sample Depth: 9.0-9.4 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/10/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.4	0.37	MG/KG		
Barium	43.7	0.09	MG/KG	*	J
Cadmium	0.16	0.04	MG/KG	B	
Chromium	7.6	0.09	MG/KG	E*	J
Lead	5	0.16	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB10712-10-96/14.0-15.0 (BKSB107) Sample Depth: 14.0-15.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/10/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	53	0.39	MG/KG		
Barium	1360	0.09	MG/KG	*	J
Cadmium	0.35	0.05	MG/KG	B	
Chromium	5.1	0.09	MG/KG	E*	J
Lead	6.1	0.17	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.36	0.36	MG/KG	U	U
Silver	0.23	0.23	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB104 Background Soil Boring SB104

Sample ID: FH000-SB10612-11-96/0.0-1.0 (BKSB108) Sample Depth: 0.0-1.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/11/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	6	0.40	MG/KG		
Barium	72.4	0.10	MG/KG	*	J
Cadmium	0.2	0.05	MG/KG	B	
Chromium	12.9	0.10	MG/KG	E*	J
Lead	9.8	0.17	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.37	0.37	MG/KG	U	U
Silver	0.23	0.23	MG/KG	U	U

Sample ID: FH000-SB10912-11-96/4.0-5.0 (BKSB109) Sample Depth: 4.0-5.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/11/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.5	0.38	MG/KG		
Barium	155	0.09	MG/KG	*	J
Cadmium	0.07	0.05	MG/KG	B	
Chromium	6.5	0.09	MG/KG	E*	J
Lead	3.2	0.16	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.34	0.34	MG/KG	U	U
Silver	0.22	0.22	MG/KG	U	U

Sample ID: FH000-SB11012-11-96/11.0-11.5 (BKSB110) Sample Depth: 11.0-11.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/11/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.8	0.40	MG/KG		
Barium	24.1	0.10	MG/KG	*	J
Cadmium	0.06	0.05	MG/KG	B	
Chromium	18.6	0.10	MG/KG	E*	J
Lead	7.8	0.17	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.36	0.36	MG/KG	U	U
Silver	0.23	0.23	MG/KG	U	U

Sample ID: FH000-SB11112-11-96/18.0-18.5 (BKSB111) Sample Depth: 18.0-18.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/11/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	5.2	0.38	MG/KG		
Barium	7.2	0.09	MG/KG	*	J
Cadmium	0.05	0.05	MG/KG	B	
Chromium	6.2	0.09	MG/KG	E*	J
Lead	5.3	0.16	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.35	0.35	MG/KG	U	U
Silver	0.22	0.22	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB105 Background Soil Boring SB105

Sample ID: FH000-SB11212-11-96/1.0-1.5 (BKSB112) Sample Depth: 1.0-1.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/11/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	1.6	0.35	MG/KG		
Barium	6.6	0.09	MG/KG	*	J
Cadmium	0.04	0.04	MG/KG	U	U
Chromium	4	0.09	MG/KG	E*	J
Lead	1.5	0.15	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.32	0.32	MG/KG	U	U
Silver	0.2	0.20	MG/KG	U	U

Sample ID: FH000-SB11312-11-96/4.0-5.0 (BKSB113) Sample Depth: 4.0-5.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/11/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	5.7	0.40	MG/KG		
Barium	20.5	0.10	MG/KG	*	J
Cadmium	0.07	0.05	MG/KG	B	
Chromium	8.9	0.10	MG/KG	E*	J
Lead	6	0.17	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.36	0.36	MG/KG	U	U
Silver	0.23	0.23	MG/KG	U	U

Sample ID: FH000-SB11412-11-96/11.0-12.0 (BKSB114) Sample Depth: 11.0-12.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/11/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	5.2	0.42	MG/KG		
Barium	25.2	0.10	MG/KG	*	J
Cadmium	0.05	0.05	MG/KG	U	U
Chromium	20.3	0.10	MG/KG	E*	J
Lead	7.7	0.18	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.38	0.38	MG/KG	U	U
Silver	0.24	0.24	MG/KG	U	U

Sample ID: FH000-SB11512-11-96/15.0-15.5 (BKSB115) Sample Depth: 15.0-15.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/11/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	5.3	0.36	MG/KG		
Barium	10.6	0.09	MG/KG	*	J
Cadmium	0.06	0.04	MG/KG	B	
Chromium	7.3	0.09	MG/KG	E*	J
Lead	5.1	0.15	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.32	0.32	MG/KG	U	U
Silver	0.2	0.20	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Sample ID: FH000-SB11612-11-96/22.0-22.5 (BKSB116) Sample Depth: 22.0-22.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/11/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	11.6	0.37	MG/KG		
Barium	4.9	0.09	MG/KG	*	J
Cadmium	0.2	0.04	MG/KG	B	
Chromium	2.7	0.09	MG/KG	E*	J
Lead	5.6	0.16	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB106 Background Soil Boring SB106

Sample ID: FH000-SB11712-12-96/0.0-1.0 (BKSB117) Sample Depth: 0.0-1.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.4	0.37	MG/KG		
Barium	27.9	0.09	MG/KG	*	J
Cadmium	0.18	0.04	MG/KG	B	
Chromium	5.7	0.09	MG/KG	E*	J
Lead	8.3	0.16	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB11812-12-96/9.0-9.5 (BKSB118) Sample Depth: 9.0-9.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	2.6	0.37	MG/KG		
Barium	4.4	0.09	MG/KG	*	J
Cadmium	0.19	0.04	MG/KG	B	
Chromium	2.2	0.09	MG/KG	E*	J
Lead	3.7	0.16	MG/KG	EN*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.34	0.34	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB11912-12-96/14.0-14.5 (BKSB119) Sample Depth: 14.0-14.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	0.66	0.37	MG/KG	B	
Barium	3	0.09	MG/KG		
Cadmium	0.06	0.04	MG/KG	B	
Chromium	2.1	0.09	MG/KG		
Lead	1.3	0.16	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB12012-12-96/19.0-20.0 (BKSB120) Sample Depth: 19.0-20.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	0.44	0.35	MG/KG	B	
Barium	2	0.08	MG/KG		
Cadmium	0.04	0.04	MG/KG	U	U
Chromium	0.93	0.08	MG/KG	B	
Lead	0.72	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.32	0.32	MG/KG	U	U
Silver	0.2	0.20	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Sample ID: FH080-SB20112-12-96/0.0-1.0 (BKSB201) Sample Depth: 0.0-1.0 FT

Matrix: Soil Field Sample Type: Field Duplicate Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.4	0.36	MG/KG		
Barium	17.9	0.09	MG/KG		
Cadmium	0.14	0.04	MG/KG	B	
Chromium	2.6	0.09	MG/KG		
Lead	5.9	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB107 Background Soil Boring SB107

Sample ID: FH000-SB12412-12-96/0.0-1.0 (BKSB124) Sample Depth: 0.0-1.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	6	0.37	MG/KG		
Barium	19.3	0.09	MG/KG		
Cadmium	0.11	0.04	MG/KG	B	
Chromium	7.2	0.09	MG/KG		
Lead	4.5	0.16	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.34	0.34	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB12512-12-96/4.0-4.5 (BKSB125) Sample Depth: 4.0-4.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.2	0.35	MG/KG		
Barium	18.1	0.09	MG/KG		
Cadmium	0.11	0.04	MG/KG	B	
Chromium	5.1	0.09	MG/KG		
Lead	1.7	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.36	0.32	MG/KG	B	
Silver	0.2	0.20	MG/KG	U	U

Sample ID: FH000-SB12612-12-96/5.5-6.0 (BKSB126) Sample Depth: 5.5-6.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	2.5	0.36	MG/KG		
Barium	5.4	0.09	MG/KG		
Cadmium	0.08	0.04	MG/KG	B	
Chromium	5.5	0.09	MG/KG		
Lead	1.5	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.44	0.33	MG/KG	B	
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB20312-12-96/0.0-1.0 (BKSB203) Sample Depth: 0.0-1.0 FT

Matrix: Soil Field Sample Type: Field Duplicate Collected: 12/12/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	5.9	0.37	MG/KG		
Barium	39	0.09	MG/KG		
Cadmium	0.17	0.05	MG/KG	B	
Chromium	9.3	0.09	MG/KG		
Lead	6.6	0.16	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.34	0.34	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB108 Background Soil Boring SB108

Sample ID: FH000-SB135/01-14-97/0.0-1.0 (BKSB135) Sample Depth: 0.0-1.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/14/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	2.7	0.38	MG/KG		
Barium	15.4	0.09	MG/KG	*	J
Cadmium	0.17	0.04	MG/KG	B*	J
Chromium	6.1	0.09	MG/KG		
Lead	2.5	0.16	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	1.5	1.5	MG/KG	UWN	R
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB136/01-14-97/5.0-5.5 (BKSB136) Sample Depth: 5.0-5.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/14/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.3	0.38	MG/KG		
Barium	14.8	0.09	MG/KG	*	J
Cadmium	0.2	0.05	MG/KG	B*	J
Chromium	8.3	0.09	MG/KG		
Lead	3	0.16	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.32	0.32	MG/KG	UWN	R
Silver	0.22	0.22	MG/KG	U	U

Sample ID: FH000-SB137/01-14-97/9.0-9.5 (BKSB137) Sample Depth: 9.0-9.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/14/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	8.2	0.38	MG/KG		
Barium	7.8	0.09	MG/KG	*	J
Cadmium	0.18	0.04	MG/KG	B*	J
Chromium	8.1	0.09	MG/KG		
Lead	2.3	0.16	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.31	0.31	MG/KG	UWN	R
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB138/01-14-97/14.0-14.5 (BKSB138) Sample Depth: 14.0-14.5 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/14/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	9.2	0.38	MG/KG		
Barium	12.2	0.09	MG/KG	*	J
Cadmium	0.21	0.05	MG/KG	B*	J
Chromium	11.1	0.09	MG/KG		
Lead	4.1	0.16	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.32	0.32	MG/KG	UWN	R
Silver	0.22	0.22	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Sample ID: FH000-SB139/01-14-97/16.5-17.0 (BKSB139) Sample Depth: 16.5-17.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/14/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	7.6	0.37	MG/KG		
Barium	7.3	0.09	MG/KG	*	J
Cadmium	0.2	0.04	MG/KG	B*	J
Chromium	8.4	0.09	MG/KG		
Lead	3.6	0.16	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.31	0.31	MG/KG	UWN	R
Silver	0.21	0.21	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB109 Background Soil Boring SB109

Sample ID: FH000-SB140/01-15-97/0.0-1.0 (BKSB140) Sample Depth: 0.0-1.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/15/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.8	0.41	MG/KG		
Barium	108	0.10	MG/KG	*	J
Cadmium	0.79	0.05	MG/KG	*	J
Chromium	16.1	0.10	MG/KG		
Lead	33.2	0.17	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.35	0.35	MG/KG	UWN	R
Silver	0.24	0.24	MG/KG	U	U

Sample ID: FH000-SB141/01-15-97/4.0-5.0 (BKSB141) Sample Depth: 4.0-5.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/15/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	5.6	0.43	MG/KG		
Barium	127	0.10	MG/KG	*	J
Cadmium	0.46	0.05	MG/KG	B*	J
Chromium	23.6	0.10	MG/KG		
Lead	12.1	0.18	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	1.8	1.8	MG/KG	UN	R
Silver	0.25	0.25	MG/KG	U	U

Sample ID: FH000-SB142/01-15-97/9.0-10.0 (BKSB142) Sample Depth: 9.0-10.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/15/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.8	0.44	MG/KG		
Barium	63	0.11	MG/KG	*	J
Cadmium	0.29	0.05	MG/KG	B*	J
Chromium	8.4	0.11	MG/KG		
Lead	5	0.19	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	1.9	1.9	MG/KG	UWN	R
Silver	0.25	0.25	MG/KG	U	U

Sample ID: FH000-SB143/01-15-97/14.5-15.0 (BKSB143) Sample Depth: 14.5-15.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/15/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.8	0.41	MG/KG		
Barium	39.3	0.10	MG/KG	*	J
Cadmium	0.27	0.05	MG/KG	B*	J
Chromium	12.2	0.10	MG/KG		
Lead	6.6	0.17	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.35	0.35	MG/KG	UWN	R
Silver	0.24	0.24	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Sample ID: FH000-SB144/01-15-97/19.0-19.3 (BKSB144) Sample Depth: 19.0-19.3 FT

Matrix: Soil Field Sample Type: Grab Collected: 01/15/97

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.7	0.37	MG/KG		
Barium	38.1	0.09	MG/KG	*	J
Cadmium	0.2	0.04	MG/KG	B*	J
Chromium	6.5	0.09	MG/KG		
Lead	4	0.16	MG/KG	*	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.31	0.31	MG/KG	UWN	R
Silver	0.21	0.21	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Station: SB110 Background Soil Boring SB110

Sample ID: FH000-SB12712-13-96/0.0-1.0 (BKSB127) Sample Depth: 0.0-1.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/13/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	1.9	0.36	MG/KG		
Barium	18.8	0.09	MG/KG		
Cadmium	0.04	0.04	MG/KG	U	U
Chromium	3.7	0.09	MG/KG		
Lead	3.8	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB12812-13-96/4.0-6.0 (BKSB128) Sample Depth: 4.0-6.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/13/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.6	0.36	MG/KG		
Barium	36.3	0.09	MG/KG		
Cadmium	0.05	0.05	MG/KG	U	U
Chromium	8.5	0.09	MG/KG		
Lead	7.5	0.16	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG		
Selenium	0.35	0.35	MG/KG	U	U
Silver	0.22	0.22	MG/KG	U	U

Sample ID: FH000-SB12912-13-96/10.0-11.0 (BKSB129) Sample Depth: 10.0-11.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/13/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	2.6	0.36	MG/KG		
Barium	26.3	0.09	MG/KG		
Cadmium	0.04	0.04	MG/KG	U	U
Chromium	4.6	0.09	MG/KG		
Lead	4.1	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB13012-13-96/15.0-16.0 (BKSB130) Sample Depth: 15.0-16.0 FT

Matrix: Soil Field Sample Type: Grab Collected: 12/13/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	1	0.35	MG/KG	B	
Barium	8.1	0.08	MG/KG		
Cadmium	0.07	0.04	MG/KG	B	
Chromium	1.8	0.08	MG/KG		
Lead	3.1	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.32	0.32	MG/KG	U	U
Silver	0.2	0.20	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Sample ID: FH000-SB13112-13-98/20.0-21.0 (BKSB131) Sample Depth: 20.0-21.0 FT
Matrix: Soil Field Sample Type: Grab Collected: 12/13/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	5.3	0.38	MG/KG		
Barium	65.9	0.09	MG/KG		
Cadmium	0.15	0.05	MG/KG	B	
Chromium	7.7	0.09	MG/KG		
Lead	10.1	0.16	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.34	0.34	MG/KG	U	U
Silver	0.22	0.22	MG/KG	U	U

Sample ID: FH000-SB13212-13-98/25.0-26.0 (BKSB132) Sample Depth: 25.0-26.0 FT
Matrix: Soil Field Sample Type: Grab Collected: 12/13/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	4.2	0.37	MG/KG		
Barium	41.7	0.09	MG/KG		
Cadmium	0.04	0.04	MG/KG	U	U
Chromium	5.9	0.09	MG/KG		
Lead	7.8	0.16	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.34	0.34	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Sample ID: FH000-SB13312-13-98/30.0-31.0 (BKSB133) Sample Depth: 30.0-31.0 FT
Matrix: Soil Field Sample Type: Grab Collected: 12/13/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.2	0.38	MG/KG		
Barium	68.6	0.09	MG/KG		
Cadmium	0.11	0.05	MG/KG	B	
Chromium	4.9	0.09	MG/KG		
Lead	6.3	0.17	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.35	0.35	MG/KG	U	U
Silver	0.22	0.22	MG/KG	U	U

Sample ID: FH000-SB13412-13-98/34.0-34.5 (BKSB134) Sample Depth: 34.0-34.5 FT
Matrix: Soil Field Sample Type: Grab Collected: 12/13/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	2.9	0.38	MG/KG		
Barium	20.1	0.09	MG/KG		
Cadmium	0.08	0.04	MG/KG	B	
Chromium	1.2	0.09	MG/KG		
Lead	2.3	0.15	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.33	0.33	MG/KG	U	U
Silver	0.21	0.21	MG/KG	U	U

Ft. Hood RCRA Facility Investigation

FH-BKG Fort Hood Background

Analytical Results

Sample ID: FH000-SB20412-13-98/4.0-6.0 (BKSB204) Sample Depth: 4.0-6.0 FT

Matrix: Soil Field Sample Type: Field Duplicate Collected: 12/13/96

Metals	Result	Detection Limit	Units	Qualifiers Lab	Qualifiers Data
Arsenic	3.2	0.38	MG/KG		
Barium	31.9	0.09	MG/KG		
Cadmium	0.05	0.05	MG/KG	U	U
Chromium	6.5	0.09	MG/KG		
Lead	7.1	0.16	MG/KG	EN	J
Mercury	0.04	0.04	MG/KG	U	U
Selenium	0.35	0.35	MG/KG	U	U
Silver	0.22	0.22	MG/KG	U	U

APPENDIX E

Fort Hood RFI Background Soil Boring Logs

RCRA
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Fort Hood, Texas

U. S. Army Corp of Engineers
Fort Worth District
Fort Worth, Texas

Boring FHBKG-SB101

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FHBKG	: Background
Start Date	: 12/10/96
End Date	: 12/10/96
Northing Coord.	: 3446458.08 m
Easting Coord.	: 61375.50 m UTM 14 North
Total Depth of Boring	: 18.5 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: 15.0 feet
Depth Drilled Into Rock	: 3.5 feet
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. 887.80ft	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0					Topsoil. 0.0-0.5' bgs.; weathered tan limestone.	No sample recovery.
1	887	CL			CLAY; weathered limestone fragments; damp; soft; moderately plastic; 10YR5/4 yellowish brown.	
2	886					Sample BKSB101 collected 2.0-2.5' bgs.
3	885				Same as above; dry.	
4	884				Same as above; dry; more weathered limestone.	Description from soil cuttings.
5	883	CH			CLAY, fat; fewer fragments; damp; firm; highly plastic; mottled 10YR6/6 brownish yellow and 2.5Y7/1 light gray.	Sample BKSB102 collected 4.0-4.7' bgs.
6	882				Same CLAY as above; more silty; interbedded with weathered limestone; dry.	Description from soil cuttings.
7	881					
8	880					
9	879					
10	878				Same as above; dry.	
11	877	CL			Silty CLAY; dry; firm; non-plastic; 10YR6/6 brownish yellow.	Sample BKSB103 collected 10.5-11.0' bgs.
12	876				Same as above; interbedded with tan weathered limestone; dry.	
13	875					
14	874					
15	873	LS			LIMESTONE, weathered; dry; blue-gray.	Description from soil cuttings.
16	872					
17	871					
18	870					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
19	869				Bottom of Boring @ 18.5' bgs.	
20	868					

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RCRA Facilities Investigation
Fort Hood, Texas

U. S. Army Corp of Engineers
Fort Worth District
Fort Worth, Texas

Boring FHBKG-SB102

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FHBKG	: Background
Start Date	: 12/12/96
End Date	: 12/12/96
Northing Coord.	: 3446503.40 m
Easting Coord.	: 613980.64 m UTM 14 North
Total Depth of Boring	: 19.5 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: 16.0 feet
Depth Drilled Into Rock	: 3.5 feet
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. 912.28ft	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	912				Topsoil. 0.0-0.4' bgs.	Sample BKSB121, duplicate BKSB202, and split sample BKSB302 collected 0.0-0.5' bgs.
1	911	CL			Silty CLAY; weathered limestone fragments; dry; firm; non-plastic; mottled 10YR5/3 brown and 10YR8/2 very pale brown.	
2	910				Same as above; dry.	
3	909					Description from soil cuttings.
4	908	CL			LIMESTONE, weathered, tan; and Silty Clay interbeds; dry.	
5	907					
6	906	CL			Zones of limestone and highly indurated silty clay (weathered limestone?); shell fragments; roots; dry; very hard; 2.5Y8/2 pale yellow.	
7	905					
8	904					
9	903				Same as above; dry.	
10	902					
11	901				Same as above; dry.	
12	900					
13	899					Description from soil cuttings.
14	898					Sample BKSB122 collected 14.0-14.5' bgs.
15	897				Same as above; dry.	
16	896	LS			LIMESTONE, weathered; dry; blue-gray.	
17	895					
18	894				Same as above; dry.	
19	893				Same as above; dry.	Sample BKSB123 collected 19.0-19.5' bgs.
20					Bottom of Boring @ 19.5' bgs.	Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

RCRA
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Fort Hood, Texas

U. S. Army Corp of Engineers
Fort Worth District
Fort Worth, Texas

Boring FHBKG-SB103

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FHBKG	: Background
Start Date	: 12/10/96
End Date	: 12/10/96
Northing Coord.	: 3447405.80 m
Easting Coord.	: 606690.49 m UTM 14 North
Total Depth of Boring	: 17.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: 15.0 feet
Depth Drilled Into Rock	: 2.0 feet
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. 795.26ft	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	795				Topsoil. 0.0-0.2' bgs.; weathered tan limestone.	Sample BKSB104 collected 0.0-0.5' bgs.
1	794	CL			Interbedded Silty and pebbly CLAY; 40% coarse sand to pebble sized angular to subrounded fragments; dry; moderately plastic; thin layers of 10YR8/4 very pale brown and 10YR3/2 very dark grayish brown.	
2	793				Same as above; no pebbles; dry.	
3	792					Description from soil cuttings.
4	791	CL			Same as above; weathered, tan limestone fragments; dry.	Sample BKSB105 collected 4.0-4.5' bgs.
5	790					
6	789	CL			Same as above; interbeds of limestone; dry.	
7	788				Same as above; dry.	
8	787					
9	786				Same as above; dry.	Sample BKSB106 collected 9.0-9.5' bgs.
10	785					
11	784				Same as above; except more medium to coarse sand; dry; soft; non-plastic.	
12	783					
13	782				Same as above; dry.	Description from soil cuttings.
14	781	CL			Silty CLAY; weathered limestone fragments; damp; firm; moderately plastic; mottled 10YR8/2 very pale brown and 10YR6/4 light yellowish brown.	Sample BKSB107 collected 14.0-15.0' bgs.
15	780	LS			LIMESTONE, weathered; dry; blue-gray.	
16	779					
17	778				Bottom of Boring @ 17.0' bgs.	
18	777					
19	776					
20						Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Boring FHBKG-SB104

(Page 1 of 1)

FHBKG	: Background
Start Date	: 12/11/96
End Date	: 12/11/96
Northing Coord.	: 3447780.16 m
Easting Coord.	: 613523.75 m UTM 14 North
Total Depth of Boring	: 24.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: 24.0 feet
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. 896.29	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	896				Topsoil. 0.0-1.0' bgs.; weathered tan limestone.	Sample BKSB108 collected 0.0-1.0' bgs.
1	895	CL			Silty CLAY; trace organics; weathered limestone fragments; damp; soft; low plasticity; 2.5Y7/6 yellow.	
2	894					
3	893				Same as above.	Description from soil cuttings.
4	892				Same as above; no organics; dry; 10YR7/8 yellow mottle.	Sample BKSB109 collected 4.0-5.0' bgs.
5	891					
6	890				Same as above; slightly more silty; dry; hard; brittle.	
7	889					Description from soil cuttings.
8	888					
9	887	LS			LIMESTONE, weathered; tan.	Description from soil cuttings. Hard drilling.
10	886				weathered limestone as above.	
11	885	CL			Silty CLAY as above; dry.	Sample BKSB110 collected 11.0-11.5' bgs.
12	884				Same as above; dry.	Geotechnical sample collected 12.0-13.0' bgs.
13	883	CL			Silty CLAY and weathered LIMESTONE interbeds.	
14	882					
15	881					Description from soil cuttings.
16	880					
17	879					
18	878	CL			Silty CLAY as above; dry.	Sample BKSB111 collected 18.0-18.5' bgs.
19	877	CL			Silty CLAY and weathered LIMESTONE interbeds.	
20	876					
21	875					Description from soil cuttings.
22	874					
23	873				Same as above; dry. Blue-gray weathered limestone fragments; dry.	
24	872	LS			Bottom of Boring at 24.0' bgs.	Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
25						

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Boring FHBKG-SB105

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FHBKG	: Background
Start Date	: 12/11/96
End Date	: 12/11/96
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 24.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: 24.0 feet
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	GP			GRAVEL (graded area).	
1	-1	CL			Silty CLAY; weathered limestone fragments; dry; firm; non-plastic; 2.5Y6/4 light yellowish brown.	Sample BKSB112 collected 1.0-1.5' bgs.
2	-2					
3	-3				Same as above; dry.	Description from soil cuttings.
4	-4	CH			CLAY, fat; dry; firm; highly plastic; mottled 2.5Y6/4 light yellowish brown and 10YR6/6 brownish yellow.	Sample BKSB113 collected 4.0-5.0' bgs.
5	-5	CL			Silty CLAY and LIMESTONE interbeds; dry; firm; 2.5Y6/4 light yellowish brown.	
6	-6					
7	-7					
8	-8					Description from soil cuttings.
9	-9					
10	-10				Same as above; dry.	
11	-11				Same as above; dry; moderately plastic.	Sample BKSB114 collected 11.0-12.0' bgs.
12	-12					
13	-13				Same as above; dry.	Description from soil cuttings.
14	-14					
15	-15	CL			Same as above; more silt; dry; hard; brittle; non-plastic.	Sample BKSB115 collected 15.0-15.5' bgs.
16	-16	CL			Same as above with weathered limestone interbeds.	
17	-17					
18	-18					Description from soil cuttings.
19	-19					
20	-20					
21	-21					
22	-22				Same as above; dry.	Sample BKSB116 collected 22.0-22.5' bgs.
23	-23				Blue-gray weathered limestone; dry; hard drilling to 24.0'.	
24	-24	LS			Bottom of Boring at 24.0' bgs.	Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
25						

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Boring FHBKG-SB106

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FHBKG	: Background
Start Date	: 12/12/96
End Date	: 12/12/96
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 25.5 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: 25.5 feet
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	CL			Silty CLAY; weathered limestone fragments; dry; firm; non-plastic; mottled 2.5Y7/6 yellow and 10YR6/6 brownish yellow.	Sample BKSB117 collected 0.0-1.0' bgs.
1	-1					
2	-2					
3	-3				Same as above; dry.	Geotechnical sample collected 3.0-4.0' bgs.
4	-4	CL			Same as above with weathered limestone interbeds.	
5	-5					
6	-6					Description from soil cuttings.
7	-7				Same as above with trace sand; dry.	
8	-8					
9	-9	SM			Silty SAND, fine; dry; non-plastic; carbonate (HCL fizz); 2.5Y8/4 pale yellow.	Sample BKSB118 collected 9.0-9.5' bgs.
10	-10					
11	-11				Same as above; dry.	
12	-12				Same as above except color change to 19YR8/2 very pale brown.	
13	-13					
14	-14	SP			Same as above SAND, fine; except no silt.	Sample BKSB119 collected 14.0-14.5' bgs.
15	-15					
16	-16					
17	-17				Same as above; dry.	Description from soil cuttings.
18	-18					
19	-19	SW			SAND, fine; dry; soft; non-carbonate; 2.5Y8/4 pale yellow.	Sample BKSB120 collected 19.0-20.0' bgs.
20	-20					
21	-21					
22	-22				Same as above; dry.	
23	-23	LS			LIMESTONE, weathered; dry; tan.	Description from soil cuttings.
24	-24					
25	-25					
26	-26				Blue-gray weathered limestone; dry. Bottom of Boring at 25.5' bgs.	
27	-27					
28	-28					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
29	-29					
30						

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Boring FHBKG-SB107

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FHBKG	: Background
Start Date	: 12/12/96
End Date	: 12/12/96
Northing Coord.	: 3438421.71 m
Easting Coord.	: 612222.83 m UTM 14 North
Total Depth of Boring	: 6.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: 1.7 feet
Depth Drilled Into Rock	: 4.3 feet
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	CL			Silty CLAY; weathered limestone fragments; dry; hard; non-plastic; mottled 10YR6/8 brownish yellow and 10YR6/2 light brownish gray.	Sample BKSB124 collected 0.0-1.0' bgs.
1	-1					
2	-2	LS			LIMESTONE, weathered, fossiliferous; Blue-Gray; 2.5Y6/1 gray.	
3	-3					Description from soil cuttings.
4	-4				Same as above	Sample BKSB125 collected 4.0-4.5' bgs.
5	-5					Description from soil cuttings.
					Same as above	Sample BKSB126 collected 5.5-6.0' bgs.
6	-6				Bottom of Boring at 6.0' bgs.	
7	-7					
8	-8					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
9	-9					
10						

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Boring FHBKG-SB108

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FHBKG	: Background
Start Date	: 01/14/97
End Date	: 01/14/97
Northing Coord.	: Not
Easting Coord.	: Surveyed
Total Depth of Boring	: 17.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: 15.0 feet
Depth Drilled Into Rock	: 2.0 feet
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0				Topsoil 0.0-0.4'	Sample BKSB135 collected 0.0-1.0' bgs.
1	-1	CL			Silty CLAY; weathered limestone fragments; dry; firm; non-plastic; 10YR6/8 brownish yellow.	
2	-2					
3	-3				Same as above; dry.	Description from soil cuttings.
4	-4					
5	-5				Same as above; dry; mottled with 2.5Y7/3 pale yellow.	Sample BKSB136 collected 5.0-5.5' bgs.
6	-6					
7	-7				Same as above; dry.	Description from soil cuttings.
8	-8					
9	-9				Same as above; dry.	Sample BKSB137 collected 9.0-9.5' bgs.
10	-10					
11	-11					
12	-12				Same as above; dry.	Description from soil cuttings.
13	-13					
14	-14				Same as above; less silty; dry. Same as above; dry.	Sample BKSB138 collected 14.0-14.5' bgs.
15	-15	LS			LIMESTONE, weathered; blue-gray.	
16	-16				Same as above; dry.	Sample BKSB139 collected 16.5-17.0' bgs.
17	-17				Bottom of Boring at 17.0' bgs.	
18	-18					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
19	-19					
20						

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Boring FHBKG-SB109

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FHBKG	: Background
Start Date	: 01/15/97
End Date	: 01/15/97
Northing Coord.	: 3471041.79 m
Easting Coord.	: 626015.26 m UTM 14 North
Total Depth of Boring	: 24.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. 730.62ft	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	730	CL			Silty CLAY; trace roots; trace rock fragments <1cm, angular to subrounded; damp; highly plastic; 5YR2.5/1 black.	Sample BKSB140 collected 0.0-1.0' bgs.
1	729				Same as above; damp.	
2	728					
3	727					Description from soil cuttings.
4	726				Same as above; damp.	Sample BKSB141 collected 4.0-5.0' bgs.
5	725					
6	724	CL			Silty CLAY; trace weathered limestone fragments; dry; stiff; non-plastic; 7.5YR6/4 light brown.	
7	723					
8	722				Some sand, fine, from 8-9' bgs.	Description from soil cuttings.
9	721				Same as above; dry.	Sample BKSB142 collected 9.0-10.0' bgs.
10	720					
11	719				Same as above except rock fragments (mostly weathered limestone) up to 20% of total matrix.	
12	718					
13	717				Same as above; dry.	Description from soil cuttings.
14	716					
15	715				Same as above; with limestone fragments up to 40%; also 10% fine sand; dry.	Sample BKSB143 collected 14.5-15.0' bgs.
16	714					
17	713				Same as above; dry.	Description from soil cuttings.
18	712					
19	711				Same as above; dry.	Sample BKSB144 collected 19.0-19.3' bgs.
20	710					
21	709					Description from soil cuttings.
22	708				Same as above; dry.	
23	707	SM			Silty SAND, fine to medium; moist; soft; moderately plastic; 7.5Y6/8 reddish yellow and 7.5 YR7/1 light gray.	Water in hole, attempted sample, no recovery in gravel at 24'
24	706	GP			Bottom of boring at 24.0' bgs. GRAVEL,angular;saturated	Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
25						

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Boring FHBKG-SB110

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FHBKG	: Background
Start Date	: 12/13/96
End Date	: 12/13/96
Northing Coord.	: 3472081.13 m
Easting Coord.	: 626432.83 m UTM 14 North
Total Depth of Boring	: 34.5 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Jeff DeVaughn
Depth to Bedrock	: Not Encountered
Depth Drilled Into Rock	: NA
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers
	: CME Sampler 5' long

Depth in feet	Surf. Elev. 729.66ft	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0						
1	729	SM			SAND, fine to medium; some silt; damp; soft; non-plastic; 7.5YR5/6 strong brown.	Sample BKSB127 collected 0.0-1.0' bgs.
2	728				Same as above; damp to moist.	
3	727					
4	726	SC			Clayey SAND; damp; firm; moderately plastic; 2.5YR4/6 red.	
5	725				Same as above; damp.	Sample BKSB128 collected 4.0-6.0' bgs.
6	724					
7	723				Same as above; damp.	
8	722					
9	721				Same as above; damp.	Geotechnical sample collected 8.0-9.0' bgs.
10	720					
11	719				Same as above; slightly less clay; dry.	Sample BKSB129 collected 10.0-11.0' bgs.
12	718					
13	717				Same as above; dry.	
14	716					
15	715				Same as above; less clay; dry; color change 5YR5/6 yellowish red.	
16	714				Same as above; dry.	Sample BKSB130 collected 15.0-16.0' bgs.
17	713				Same as above; dry;	
18	712					
19	711				Same as above; more clay; dry.	
20	710	CL			Silty CLAY; trace sand; trace tan weathered limestone fragments; dry; hard; 7.5YR6/6 reddish yellow.	Sample BKSB131 collected 20.0-21.0' bgs.
21	709				Same as above; dry.	
22	708					
23	707				Same as above; dry.	
24	706					
25	705				Same as above; dry.	
26	704					Sample BKSB132 collected 25.0-26.0' bgs.
27	703				Same as above; dry.	
28	702					
29	701				Same as above; with more silt; moist; softer.	
30	700					
31	699				Same as above; except very silty; damp; soft.	Sample BKSB133 collected 30.0-31.0' bgs.
32	698					
33	697					
34	696	SM			Silty SAND, fine; trace gravel and coarse sand at bottom; saturated; non-plastic; 7.5Y6/6 reddish yellow.	Sample BKSB134 collected 34.0-34.5' bgs.
35	695	GW			SAND, coarse, and GRAVEL, poorly sorted, angular to round; saturated; 1.5 water in hole.	
36	694					
37	693				Bottom of boring at 34.5' bgs.	
38	692					
39	691					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
40	690					

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APPENDIX F

Statistical Calculations

Formulas for Shapiro Wilk or W test

1. Compute the denominator d of the W test statistic, using the n data:

$$d=\sum(x_i-x)^2$$

2. Order the n data form smallest to largest to obtain the sample order statistics

$$x_1 \leq x_2 \leq x_3 \leq etc$$

3. Compute k, where k= n/2 if n is even or

k=(n-1)/2 if n is odd

4. Turn to Table A6 in *Statistical Methods for Environmental Pollution Monitoring*, by Richard Gilbert, and for the observed n find the coefficients $a_1, a_2, \ldots, a_k$.

5. Then compute W

$$W= 1/d\{\sum a_1(x_{[n-i+1]} - x_{[i]})\}^2$$

6. Reject H0 at the α significance level if W is less than the quantile given in Table A7 of *Statistical Methods for Environmental Pollution Monitoring*, by Richard Gilbert.

This procedure is used on the logrithms of data to test if distribution is lognormal.

95% UTL Calculations

1. Determine distribution. If normal use the data as is and 1/2 of the value for nondetects. If lognormal distribution calculate the 95% UTL on the log values.

2. Find the mean of the data set.

3. Find the standard deviation of data set

4. Based on the n of the data set look up the K value from *Statistical Methods for Environmental Pollution Monitoring*, by Richard Gilbert, Table A3.

5. Calculate the 95% UTL =mean+K(standard deviation)

For lognormal distribution, need to take the exponent of the 95%UTL of the log.

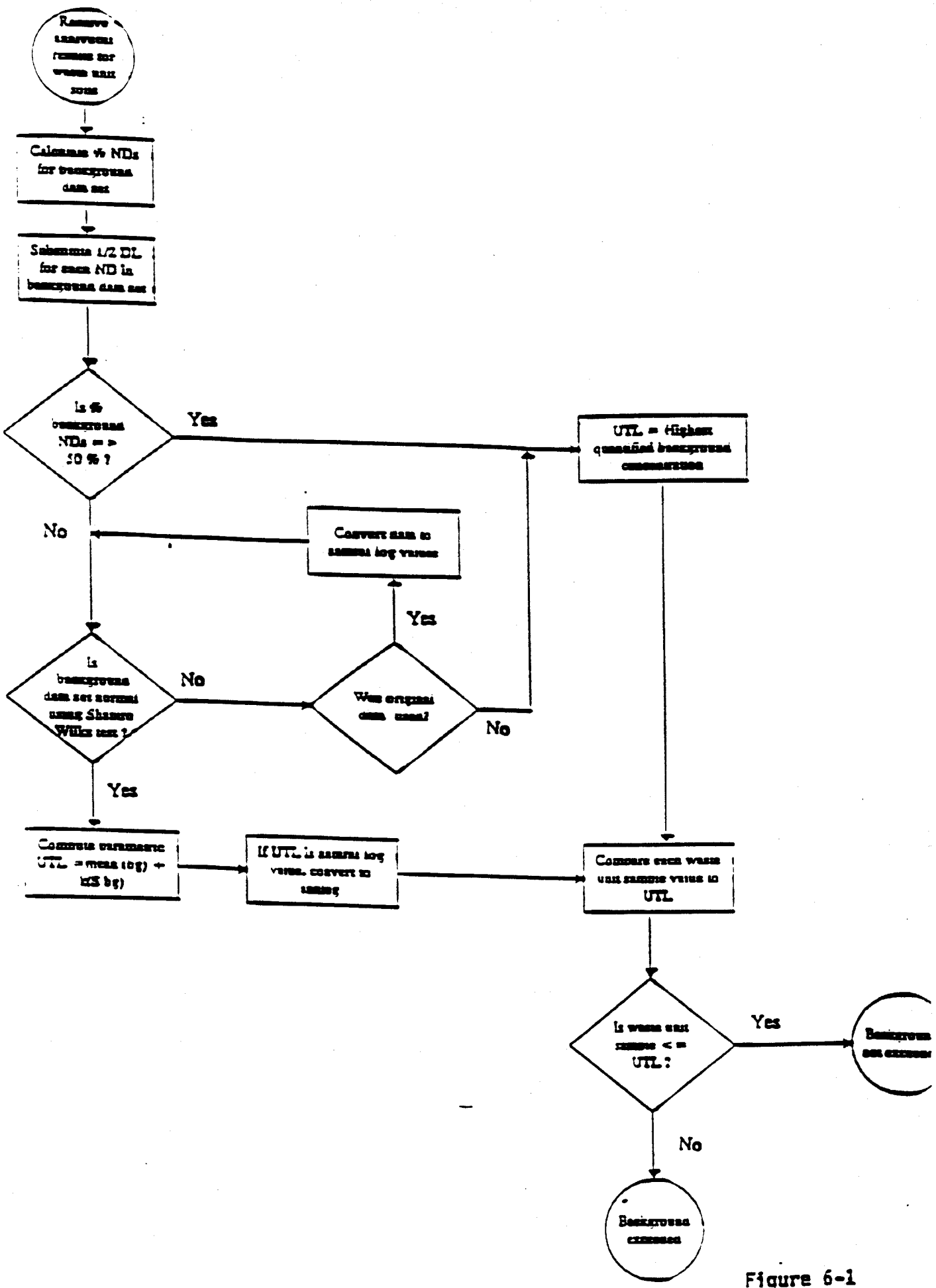
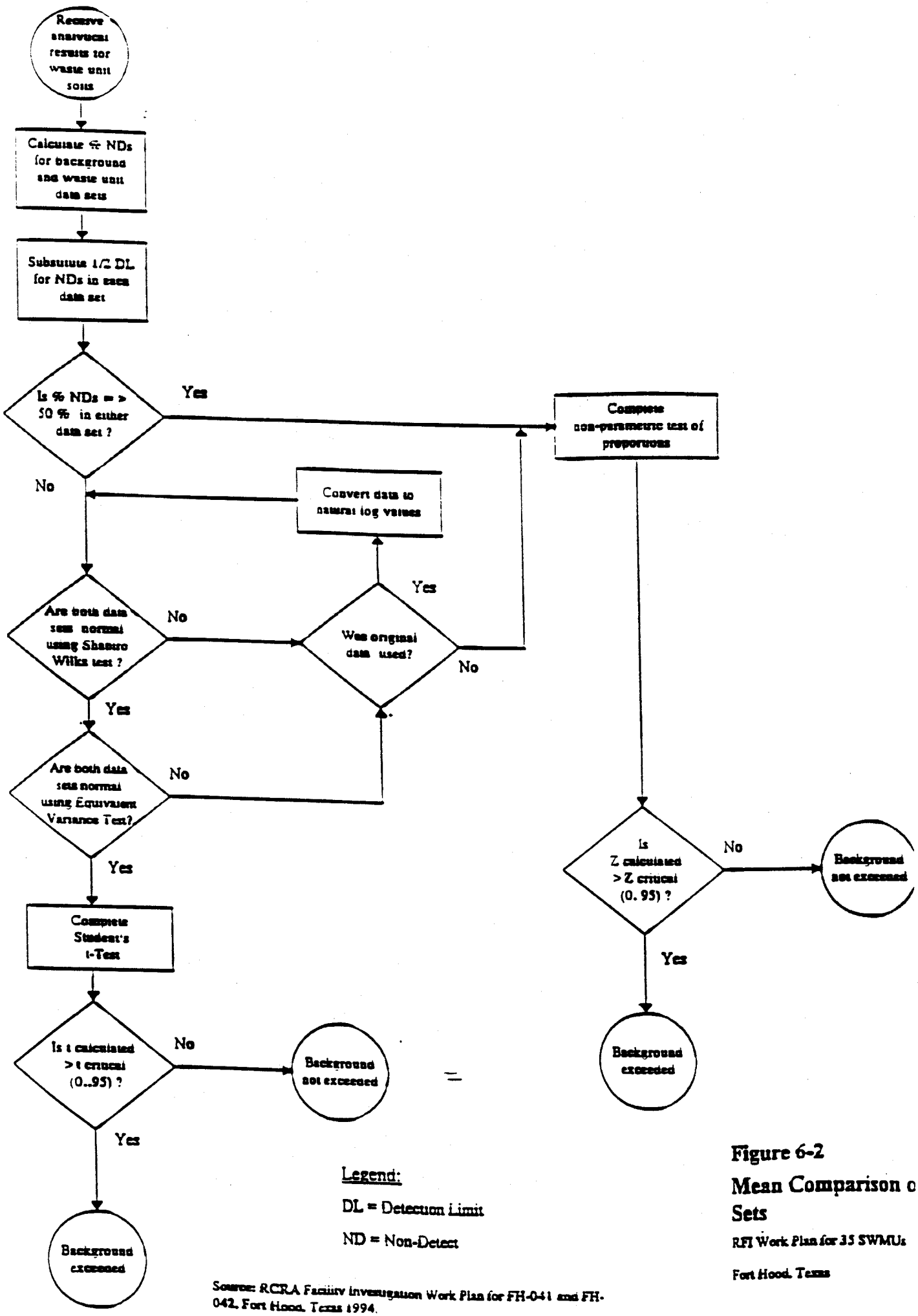


Figure 6-1
95% Upper Tolerance
RFI Work Plan for 35
Fort Hood, Texas



Legend:

DL = Detection Limit

ND = Non-Detect

Source: RCRA Facility Investigation Work Plan for FH-041 and FH-042, Fort Hood, Texas 1994.

Figure 6-2

Mean Comparison o

Sets

RFI Work Plan for 35 SWMUs

Fort Hood, Texas

Soil Background 95% UTLs NO DUPLICATES						
smp_id	Mercury		Arsenic	Barium		
	Result (x)	Qual	Result (x)	Result	Qual	Ln(x)
BKSB101	0.04	U	3	21.3	J	3.05870707
BKSB102	0.04	U	2	8	J	2.07944154
BKSB103	0.04	U	9.1	14.7	J	2.68784749
BKSB105	0.04	U	4.3	23.4	J	3.15273602
BKSB106	0.04	U	4.4	43.7	J	3.7773481
BKSB107	0.04	U				
BKSB109	0.04	U	3.5	155	J	5.04342512
BKSB110	0.04	U	4.8	24.1	J	3.18221184
BKSB111	0.04	U	5.2	7.2	J	1.97408103
BKSB113	0.04	U	5.7	20.5	J	3.02042489
BKSB114	0.04	U	5.2	25.2	J	3.22684399
BKSB115	0.04	U	5.3	10.6	J	2.360854
BKSB116	0.04	U	11.6	4.9	J	1.58923521
BKSB118	0.04	U	2.6	4.4	J	1.48160454
BKSB119	0.04	U	0.66	3		1.09861229
BKSB120	0.04	U	0.44	2		0.69314718
BKSB122	0.04	U	3.2	6.1		1.80828877
BKSB123	0.04	U	3.8	5.5		1.70474809
BKSB125	0.04	U	3.2	18.1		2.89591194
BKSB126	0.04	U	2.5	5.4		1.68639895
BKSB128	0.04		3.6	36.3		3.59181774
BKSB129	0.04	U	2.6	26.3		3.26956894
BKSB130	0.04	U	1	8.1		2.09186406
BKSB131	0.04	U	5.3	65.9		4.18813844
BKSB132	0.04	U	4.2	41.7		3.73050113
BKSB133	0.04	U	3.2	68.6		4.22829253
BKSB134	0.04	U	2.9	20.1		3.00071982
BKSB136	0.04	U	4.3	14.8	J	2.69462718
BKSB137	0.04	U	8.2	7.8	J	2.05412373
BKSB138	0.04	U	9.2	12.2	J	2.50143595
BKSB139	0.04	U	7.6	7.3	J	1.98787435
BKSB141	0.04	U	5.6	127	J	4.84418709
BKSB142	0.04	U	3.8	63	J	4.14313473
BKSB143	0.04	U	3.8	39.3	J	3.67122452
BKSB144	0.04	U	3.7	36.1	J	3.58629287
BKSB104	0.04	U	6.2	28.2	J	3.33932198
BKSB108	0.04	U	6	72.4	J	4.2822063
BKSB112	0.04	U	1.6	6.6	J	1.88706965
BKSB117	0.04	U	4.4	27.9	J	3.32862669
BKSB121	0.04	U	4.1	24		3.17805383
BKSB124	0.04	U	6	19.3		2.9601051
BKSB127	0.04	U	1.9	18.8		2.93385687
BKSB135	0.04	U	2.7	15.4	J	2.73436751
BKSB140	0.04	U	4.8	108	J	4.68213123
%nondetects=	0.04	0.95744681			0	
Distribution	D		N			L
Mean	0.04		4.35348837	30.1906977		2.91700954
std dev	0		2.29920368	33.4734423		1.01859487
n	44		43	43		43
K	2.097		2.102	2.102		2.102
UTL	0.04		**9.1864145**	100.55187		5.058096
UTL(ln)=exp(mean + K(std d						**157.29074**

Soil Background							
smp_id	Cadmium				Chromium		
	Result (x)	Qual	1/2 nondetects	Ln(x)	Result (x)	Qual	Ln(x)
BKSB101	0.12		0.12	-2.1202635	5.1	J	1.62924054
BKSB102	0.05		0.05	-2.9957323	10.3	J	2.3321439
BKSB103	0.05	U	0.025	-3.6888795	10.1	J	2.31253542
BKSB105	0.11		0.11	-2.2072749	4	J	1.38629436
BKSB106	0.16		0.16	-1.8325815	7.6	J	2.02814825
BKSB107	0.35		0.35	-1.0498221	5.1	J	1.62924054
BKSB109	0.07		0.07	-2.65926	6.5	J	1.87180218
BKSB110	0.06		0.06	-2.8134107	16.6	J	2.8094027
BKSB111	0.05		0.05	-2.9957323	6.2	J	1.82454929
BKSB113	0.07		0.07	-2.65926	8.9	J	2.18605128
BKSB114	0.05	U	0.025	-3.6888795	20.3	J	3.01062089
BKSB115	0.06		0.06	-2.8134107	7.3	J	1.98787435
BKSB116	0.2		0.2	-1.6094379	2.7	J	0.99325177
BKSB118	0.19		0.19	-1.6607312	2.2	J	0.78845736
BKSB119	0.06		0.06	-2.8134107	2.1		0.74193734
BKSB120	0.04	U	0.02	-3.912023	0.93		-0.0725707
BKSB122	0.06		0.06	-2.8134107	4.9		1.58923521
BKSB123	0.08		0.08	-2.5257286	4.3		1.45861502
BKSB125	0.11		0.11	-2.2072749	5.1		1.62924054
BKSB126	0.06		0.06	-2.8134107	5.5		1.70474809
BKSB128	0.05	U	0.025	-3.6888795	8.5		2.14006616
BKSB129	0.04	U	0.02	-3.912023	4.6		1.5260563
BKSB130	0.07		0.07	-2.65926	1.8		0.58778666
BKSB131	0.15		0.15	-1.89712	7.7		2.04122033
BKSB132	0.04	U	0.02	-3.912023	5.9		1.77495235
BKSB133	0.11		0.11	-2.2072749	4.9		1.58923521
BKSB134	0.08		0.08	-2.5257286	1.2		0.18232156
BKSB136	0.2	J	0.2	-1.6094379	8.3		2.11625551
BKSB137	0.18	J	0.18	-1.7147984	8.1		2.09186406
BKSB138	0.21	J	0.21	-1.5606477	11.1		2.40694511
BKSB139	0.2	J	0.2	-1.6094379	8.4		2.12823171
BKSB141	0.45	J	0.45	-0.7985077	23.6		3.16124671
BKSB142	0.29	J	0.29	-1.2378744	8.4		2.12823171
BKSB143	0.27	J	0.27	-1.3093333	12.2		2.50143595
BKSB144	0.2	J	0.2	-1.6094379	6.5		1.87180218
BKSB104	0.15		0.15	-1.89712	3.1	J	1.13140211
BKSB108	0.2		0.2	-1.6094379	12.9	J	2.55722731
BKSB112	0.04	U	0.02	-3.912023	4	J	1.38629436
BKSB117	0.18		0.18	-1.7147984	5.7	J	1.74046617
BKSB121	0.18		0.18	-1.7147984	6.3		1.84054963
BKSB124	0.11		0.11	-2.2072749	7.2		1.97408103
BKSB127	0.04	U	0.02	-3.912023	3.7		1.30833282
BKSB135	0.17	J	0.17	-1.7719568	6.1		1.80828877
BKSB140	0.79	J	0.79	-0.2357223	16.1		2.77881927
%nondetects=		0.19148936				0	
Distribution				L			L
Mean	0.14545455			-2.343338	7.31886364		1.78668026
std dev	0.13475999			0.92656476	4.7817999		0.68062712
n	44			44	44		44
K	2.097			2.097	2.097		2.097
UTL	0.4280462			-0.400332	17.346298		3.2139553
UTL(ln)=exp(me				**0.6700977**			**24.87729**

Soil Background							
smp_id	Lead			Selenium		Silver	
	Result (x)	Qual	Ln(x)	Result (x)	Qual	Result (x)	Qual
BKSB101	6	J	1.79175947	0.37	U	0.24	U
BKSB102	5	J	1.60943791	0.36	U	0.23	U
BKSB103	9.5	J	2.2512918	0.38	U	0.24	U
BKSB105	3.9	J	1.36097655	0.33	U	0.21	U
BKSB106	5	J	1.60943791	0.33	U	0.21	U
BKSB107	6.1	J	1.80828877	0.36	U	0.23	U
BKSB109	3.2	J	1.16315081	0.34	U	0.22	U
BKSB110	7.8	J	2.05412373	0.36	U	0.23	U
BKSB111	5.3	J	1.66770682	0.35	U	0.22	U
BKSB113	6	J	1.79175947	0.36	U	0.23	U
BKSB114	7.7	J	2.04122033	0.38	U	0.24	U
BKSB115	5.1	J	1.62924054	0.32	U	0.2	U
BKSB116	5.6	J	1.7227666	0.33	U	0.21	U
BKSB118	3.7	J	1.30833282	0.34	U	0.21	U
BKSB119	1.3	J	0.26236426	0.33	U	0.21	U
BKSB120	0.72	J	-0.3285041	0.32	U	0.2	U
BKSB122	4.1	J	1.41098697	0.33	U	0.21	U
BKSB123	3.8	J	1.33500107	0.33	U	0.21	U
BKSB125	1.7	J	0.53062825	0.36		0.2	U
BKSB126	1.5	J	0.40546511	0.44		0.21	U
BKSB128	7.5	J	2.01490302	0.35	U	0.22	U
BKSB129	4.1	J	1.41098697	0.33	U	0.21	U
BKSB130	3.1	J	1.13140211	0.32	U	0.2	U
BKSB131	10.1	J	2.31253542	0.34	U	0.22	U
BKSB132	7.8	J	2.05412373	0.34	U	0.21	U
BKSB133	6.3	J	1.84054963	0.35	U	0.22	U
BKSB134	2.3	J	0.83290912	0.33	U	0.21	U
BKSB136	3	J	1.09861229	0.32	R	0.22	U
BKSB137	2.3	J	0.83290912	0.31	R	0.21	U
BKSB138	4.1	J	1.41098697	0.32	R	0.22	U
BKSB139	3.6	J	1.28093385	0.31	R	0.21	U
BKSB141	12.1	J	2.49320545	1.8	R	0.25	U
BKSB142	5	J	1.60943791	1.9	R	0.25	U
BKSB143	6.6	J	1.88706965	0.35	R	0.24	U
BKSB144	4	J	1.38629436	0.31	R	0.21	U
BKSB104	5.3	J	1.66770682	0.32	U	0.2	U
BKSB108	9.8	J	2.28238239	0.37	U	0.23	U
BKSB112	1.5	J	0.40546511	0.32	U	0.2	U
BKSB117	8.3	J	2.11625551	0.33	U	0.21	U
BKSB121	10.2	J	2.32238772	0.34	U	0.22	U
BKSB124	4.5	J	1.5040774	0.34	U	0.21	U
BKSB127	3.8	J	1.33500107	0.33	U	0.21	U
BKSB135	2.5	J	0.91629073	1.5	R	0.21	U
BKSB140	33.2	J	3.50254988	0.35	R	0.24	U
%nondetects=		0					
Distribution			L	D		D	
Mean	5.77318182		1.52441844	— 0.345		0.21795455	
std dev	4.99838289		0.67810106	0.02427744		0.01390659	
n	44		44				
K	2.097		2.097				
UTL	16.254791		2.9463964				
UTL(ln)=exp(me			19.037227				

Shapiro Wilk for Arsenic

smp_id	Arsenic				a(n-i+1)	b(i)
BKSB101	3	0.44	11.6	11.16	0.3894	4.345704
BKSB102	2	0.66	9.2	8.54	0.2684	2.292136
BKSB103	9.1	1	9.1	8.1	0.2334	1.89054
BKSB104	6.2	1.6	8.2	6.6	0.2078	1.37148
BKSB105	4.3	1.9	7.6	5.7	0.1871	1.06647
BKSB106	4.4	2	6.2	4.2	0.1695	0.7119
BKSB108	6	2.5	6	3.5	0.1539	0.53865
BKSB109	3.5	2.6	6	3.4	0.1398	0.47532
BKSB110	4.8	2.6	5.7	3.1	0.1269	0.39339
BKSB111	5.2	2.7	5.6	2.9	0.1149	0.33321
BKSB112	1.6	2.9	5.3	2.4	0.1035	0.2484
BKSB113	5.7	3	5.3	2.3	0.0927	0.21321
BKSB114	5.2	3.2	5.2	2	0.0824	0.1648
BKSB115	5.3	3.2	5.2	2	0.0724	0.1448
BKSB116	11.6	3.2	4.8	1.6	0.0628	0.10048
BKSB117	4.4	3.5	4.8	1.3	0.0534	0.06942
BKSB118	2.6	3.6	4.4	0.8	0.0442	0.03536
BKSB119	0.66	3.7	4.4	0.7	0.0352	0.02464
BKSB120	0.44	3.8	4.3	0.5	0.0263	0.01315
BKSB121	4.1	3.8	4.30	0.5	0.0175	0.00875
BKSB122	3.2	3.8	4.2	0.4	0.0087	0.00348
BKSB123	3.8	4.1	4.1	0	0	0
BKSB124	6	4.2	3.8	-0.4		
BKSB125	3.2	4.3	3.8	-0.5		
BKSB126	2.5	4.30	3.8	-0.5	sum Bi=	14.44529
BKSB127	1.9	4.4	3.7	-0.7		
BKSB128	3.6	4.4	3.6	-0.8	W(0.05,43)	0.943
BKSB129	2.6	4.8	3.5	-1.3	W=	0.939827935
BKSB130	1	4.8	3.2	-1.6		
BKSB131	5.3	5.2	3.2	-2		
BKSB132	4.2	5.2	3.2	-2		
BKSB133	3.2	5.3	3	-2.3		
BKSB134	2.9	5.3	2.9	-2.4		
BKSB135	2.7	5.6	2.7	-2.9		
BKSB136	4.30	5.7	2.6	-3.1		
BKSB137	8.2	6	2.6	-3.4		
BKSB138	9.2	6	2.5	-3.5		
BKSB139	7.6	6.2	2	-4.2		
BKSB140	4.8	7.6	1.9	-5.7		
BKSB141	5.6	8.2	1.6	-6.6		
BKSB142	3.8	9.1	1	-8.1		
BKSB143	3.8	9.2	0.66	-8.54		
BKSB144	3.7	11.6	0.44	-11.16		
Sum of xi	187.2					
Mean	4.3534884					
n=	43					
sum of xi^2	1036.9992					
1/n=	0.0232558					
xi=(sum xi)^2	35043.84					
d=	222.02618					
W=	0.9398279					
W(0.05,43)=	0.943					
W<W(0.5,43), the distribution is approximately normal						

Shapiro Wilk for Arsenic

	ln of ordered Conc. x(i)		ln of Reverse Order x(n-i+1)	Difference x(n-i+1)-x(i)	a(n-i+1)	b(i)
	-0.820980552	0.674009067	2.451005098	3.27198565	0.3894	1.27411121
	-0.415515444	0.172653084	2.219203484	2.63471893	0.2684	0.70715856
	0	0	2.208274414	2.20827441	0.2334	0.51541125
	0.470003629	0.220903412	2.104134154	1.63413053	0.2078	0.33957232
	0.641853886	0.411976411	2.028148247	1.38629436	0.1871	0.25937567
	0.693147181	0.480453014	1.824549292	1.13140211	0.1695	0.19177266
	0.916290732	0.839588705	1.791759469	0.87546874	0.1539	0.13473464
	0.955511445	0.913002122	1.791759469	0.83624802	0.1398	0.11690747
	0.955511445	0.913002122	1.740466175	0.78495473	0.1269	0.09961076
	0.993251773	0.986549085	1.722766598	0.72951482	0.1149	0.08382125
	1.064710737	1.133608953	1.667706821	0.60299608	0.1035	0.06241009
	1.098612289	1.206948961	1.667706821	0.56909453	0.0927	0.05275506
	1.16315081	1.352919806	1.648658626	0.48550782	0.0824	0.04000584
	1.16315081	2.781246039	1.648658626	0.48550782	0.0724	0.03515077
	1.16315081	6.007425991	1.568615918	0.40546511	0.0628	0.02546321
	1.252762968	2.195152016	1.568615918	0.31585295	0.0534	0.01686655
	1.280933845	0.913002122	1.481604541	0.2006707	0.0442	0.00886964
	1.30833282	0.172653084	1.481604541	0.17327172	0.0352	0.00609916
	1.335001067	0.674009067	1.458615023	0.12361396	0.0263	0.00325105
	1.335001067	1.99088424	1.458615023	0.12361396	0.0175	0.00216324
	1.335001067	1.352919806	1.435084525	0.10008346	0.0087	0.00087073
	1.410986974	1.782227848	1.410986974	0		0
	1.435084525	3.210401996	1.335001067	-0.1000835		0
	1.458615023	1.352919806	1.335001067	-0.123614		0
	1.458615023	0.839588705	1.335001067	-0.123614		
	1.481604541	0.411976411	1.30833282	-0.1732717		3.97638115
	1.481604541	1.640791516	1.280933845	-0.2006707		
	1.568615918	0.913002122	1.252762968	-0.3158529	W(0.05,43)	0.943
	1.568615918	0	1.16315081	-0.4054651	W(ln)=	0.91061638
	1.648658626	2.781246039	1.16315081	-0.4855078		
	1.648658626	2.059467595	1.16315081	-0.4855078		
	1.667706821	1.352919806	1.098612289	-0.5690945		
	1.667706821	1.133608953	1.064710737	-0.6029961		
	1.722766598	0.986549085	0.993251773	-0.7295148		
	1.740466175	2.127557784	0.955511445	-0.7849547		
	1.791759469	4.427380539	0.955511445	-0.836248		
	1.791759469	4.924864104	0.916290732	-0.8754687		
	1.824549292	4.113385313	0.693147181	-1.1314021		
	2.028148247	2.460555898	0.641853886	-1.3862944		
	2.104134154	2.96792475	0.470003629	-1.6341305		
	2.208274414	1.782227848	0	-2.2082744		
	2.219203484	1.782227848	-0.415515444	-2.6347189		
	2.451005098	1.711734767	-0.820980552	-3.2719857		
Sum of xi	56.26742214		56.26742214			
Mean	1.308544701					
n=	43					
sum of xi^2	90.99206827					
1/n=	0.023255814					
xi=(sum xi)^2	3166.022794					
d=	17.3636312					
W=	0.910616383					
W(0.05,43)=	0.943					
W<W(0.5,43), the distribution is not lognormal						

Shapiro Wilk for Barium

	Bkgd Conc (xi) (mg/kg)	Ordered Conc. x(i)	Reverse Ordered x(n-i+1)	Difference x(n-i+1)-x(i)	a(n-i+1)	b(i)
BKSB101	21.3	2	155	153	0.3894	59.5782
BKSB102	8	3	127	124	0.2684	33.2816
BKSB103	14.7	4.4	108	103.6	0.2334	24.18024
BKSB105	23.4	4.9	72.4	67.5	0.2078	14.0265
BKSB106	43.7	5.4	68.6	63.2	0.1871	11.82472
BKSB107		5.5	65.9	60.4	0.1695	10.2378
BKSB109	155	6.1	63	56.9	0.1539	8.75691
BKSB110	24.1	6.6	43.7	37.1	0.1398	5.18658
BKSB111	7.2	7.2	41.7	34.5	0.1269	4.37805
BKSB113	20.5	7.3	39.3	32	0.1149	3.6768
BKSB114	25.2	7.8	36.3	28.5	0.1035	2.94975
BKSB115	10.6	8	36.1	28.1	0.0927	2.60487
BKSB116	4.9	8.1	28.2	20.1	0.0824	1.65624
BKSB118	4.4	10.6	27.9	17.3	0.0724	1.25252
BKSB119	3	12.2	26.3	14.1	0.0628	0.88548
BKSB120	2	14.7	25.2	10.5	0.0534	0.5607
BKSB122	6.1	14.8	24.1	9.3	0.0442	0.41106
BKSB123	5.5	15.4	24	8.6	0.0352	0.30272
BKSB125	18.1	18.1	23.4	5.3	0.0263	0.13939
BKSB126	5.4	18.8	21.3	2.5	0.0175	0.04375
BKSB128	36.3	19.3	20.5	1.2	0.0087	0.01044
BKSB129	26.3	20.1	20.1	0	0	0
BKSB130	8.1	20.5	19.3	-1.2		0
BKSB131	65.9	21.3	18.8	-2.5		0
BKSB132	41.7	23.4	18.1	-5.3		
BKSB133	68.6	24	15.4	-8.6	sum Bi=	185.94432
BKSB134	20.1	24.1	14.8	-9.3		
BKSB136	14.8	25.2	14.7	-10.5	W(0.05,43)	0.943
BKSB137	7.8	26.3	12.2	-14.1	W=	0.73470973
BKSB138	12.2	27.9	10.6	-17.3		
BKSB139	7.3	28.2	8.1	-20.1		
BKSB141	127	36.1	8	-28.1		
BKSB142	63	36.3	7.8	-28.5		
BKSB143	39.3	39.3	7.3	-32		
BKSB144	36.1	41.7	7.2	-34.5		
BKSB104	28.2	43.7	6.6	-37.1		
BKSB108	72.4	63	6.1	-56.9		
BKSB112	6.6	65.9	5.5	-60.4		
BKSB117	27.9	68.6	5.4	-63.2		
BKSB121	24	72.4	4.9	-67.5		
BKSB124	19.3	108	4.4	-103.6		
BKSB127	18.8	127	3	-124		
BKSB135	15.4	155	2	-153		
BKSB140	108			0		
Sum of xi	1298.2					
Mean	30.19069767					
n=	43					
sum of xi^2	86253.36					
1/n=	0.023255814					
xi=(sum xi)^2	1685323.24					
d=	47059.79628					
W=	0.734709728					
W(0.05,43)=	0.943					
W<W(0.5,43), distribution is not Normal						

Shapiro Wilk for Barium

	ln of ordered Conc. x(i)		ln of Reverse Order x(n-i+1)	Difference x(n-i+1)-x(i)	a(n-i+1)	b(i)
	0.693147181	0.48045301	5.043425117	4.35027794	0.3894	1.693998228
	1.098612289	1.20694896	4.844187086	3.7455748	0.2684	1.005312276
	1.481604541	2.19515202	4.682131227	3.20052669	0.2334	0.747002929
	1.589235205	2.52566854	4.282206299	2.69297109	0.2078	0.559599393
	1.686398954	2.84394143	4.228292535	2.54189358	0.1871	0.475588289
	1.704748092	2.90616606	4.188138442	2.48339035	0.1695	0.420934664
	1.808288771	3.26990828	4.143134726	2.33484596	0.1539	0.359332793
	1.887069649	3.56103186	3.777348102	1.89027845	0.1398	0.264260928
	1.974081026	3.8969959	3.730501129	1.7564201	0.1269	0.222889711
	1.987874348	3.95164442	3.671224519	1.68335017	0.1149	0.193416935
	2.054123734	4.21942431	3.591817741	1.53769401	0.1035	0.15915133
	2.079441542	4.32407713	3.586292865	1.50685132	0.0927	0.139685118
	2.091864062	4.37589525	3.339321978	1.24745792	0.0824	0.102790532
	2.360854001	5.57363161	3.328626689	0.96777269	0.0724	0.070066743
	2.501435952	6.25718182	3.269568939	0.76813299	0.0628	0.048238752
	2.687847494	7.22452415	3.226843995	0.5389965	0.0534	0.028782413
	2.694627181	7.26101564	3.18221184	0.48758466	0.0442	0.021551242
	2.734367509	7.47676568	3.17805383	0.44368632	0.0352	0.015617758
	2.895911938	8.38630595	3.152736022	0.25682408	0.0263	0.006754473
	2.93385687	8.60751613	3.058707073	0.1248502	0.0175	0.002184879
	2.960105096	8.76222218	3.020424886	0.06031979	0.0087	0.000524782
	3.000719815	9.00431941	3.000719815	0		0
	3.020424886	9.12296649	2.960105096	-0.0603198		0
	3.058707073	9.35568896	2.93385687	-0.1248502		0
	3.152736022	9.93974443	2.895911938	-0.2568241		
	3.17805383	10.1000261	2.734367509	-0.4436863		6.537684167
	3.18221184	10.1264722	2.694627181	-0.4875847		
	3.226843995	10.4125222	2.687847494	-0.5389965	W(0.05,43)	0.943
	3.269568939	10.690081	2.501435952	-0.768133	W(ln)=	0.98083423
	3.328626689	11.0797556	2.360854001	-0.9677727		
	3.339321978	11.1510713	2.091864062	-1.2474579		
	3.586292865	12.8614965	2.079441542	-1.5068513		
	3.591817741	12.9011547	2.054123734	-1.537694		
	3.671224519	13.4778895	1.987874348	-1.6833502		
	3.730501129	13.9166387	1.974081026	-1.7564201		
	3.777348102	14.2683587	1.887069649	-1.8902785		
	4.143134726	17.1655654	1.808288771	-2.334846		
	4.188138442	17.5405036	1.704748092	-2.4833903		
	4.228292535	17.8784578	1.686398954	-2.5418936		
	4.282206299	18.3372908	1.589235205	-2.6929711		
	4.682131227	21.9223528	1.481604541	-3.2005267		
	4.844187086	23.4661485	1.098612289	-3.7455748		
	5.043425117	25.4361369	0.693147181	-4.3502779		
Sum of xi	125.4314103		125.4314103			
Mean	2.917009542					
n=	43					
sum of xi^2	409.4611119					
1/n=	0.023255814					
xi=(sum xi)^	15733.03869					
d=	43.57649126					
W(ln)=	0.98083423					
W(0.05,43)	0.943					
W>W(0.5,43), distribution is lognormal						

Shapiro Wilk for Cadmium

smp_id	Cadmium	(xi)^2	Ordered Conc. x(i)	Reverse Ordered x(n-i+1)	Difference x(n-i+1)-x(i)	a(n-i+1)	b(i)	smp_id
BKSB101	0.12	0.0144	0.02	0.79	0.77	0.3872	0.298144	BKSB101
BKSB102	0.05	0.0025	0.02	0.45	0.43	0.2667	0.114681	BKSB102
BKSB103	0.025	0.00063	0.02	0.35	0.33	0.2323	0.076659	BKSB103
BKSB104	0.15	0.0225	0.02	0.29	0.27	0.2072	0.055944	BKSB104
BKSB105	0.11	0.0121	0.02	0.27	0.25	0.1868	0.0467	BKSB105
BKSB106	0.16	0.0256	0.025	0.21	0.185	0.1695	0.031358	BKSB106
BKSB107	0.35	0.1225	0.025	0.2	0.175	0.1542	0.026985	BKSB107
BKSB108	0.2	0.04	0.025	0.2	0.175	0.1405	0.024588	BKSB108
BKSB109	0.07	0.0049	0.05	0.2	0.15	0.1278	0.01917	BKSB109
BKSB110	0.06	0.0036	0.05	0.2	0.15	0.116	0.0174	BKSB110
BKSB111	0.05	0.0025	0.06	0.2	0.14	0.1049	0.014686	BKSB111
BKSB112	0.02	0.0004	0.06	0.19	0.13	0.0943	0.012259	BKSB112
BKSB113	0.07	0.0049	0.06	0.18	0.12	0.0842	0.010104	BKSB113
BKSB114	0.025	0.00063	0.06	0.18	0.12	0.0745	0.00894	BKSB114
BKSB115	0.06	0.0036	0.06	0.18	0.12	0.0651	0.007812	BKSB115
BKSB116	0.2	0.04	0.07	0.17	0.1	0.056	0.0056	BKSB116
BKSB117	0.18	0.0324	0.07	0.16	0.09	0.0471	0.004239	BKSB117
BKSB118	0.19	0.0361	0.07	0.15	0.08	0.0383	0.003064	BKSB118
BKSB119	0.06	0.0036	0.08	0.15	0.07	0.0296	0.002072	BKSB119
BKSB120	0.02	0.0004	0.08	0.12	0.04	0.0211	0.000844	BKSB120
BKSB121	0.18	0.0324	0.11	0.11	0	0.0126	0	BKSB121
BKSB122	0.06	0.0036	0.11	0.11	0	0.0042	0	BKSB122
BKSB123	0.08	0.0064	0.11	0.11	0	0	0	BKSB123
BKSB124	0.11	0.0121	0.11	0.11	0		0	BKSB124
BKSB125	0.11	0.0121	0.12	0.08	-0.04			BKSB125
BKSB126	0.06	0.0036	0.15	0.08	-0.07	Sum of b=	0.781248	BKSB126
BKSB127	0.02	0.0004	0.15	0.07	-0.08			BKSB127
BKSB128	0.025	0.00063	0.16	0.07	-0.09	W=	0.744801	BKSB128
BKSB129	0.02	0.0004	0.17	0.07	-0.1	W(0.05,44)	0.944	BKSB129
BKSB130	0.07	0.0049	0.18	0.06	-0.12			BKSB130
BKSB131	0.15	0.0225	0.18	0.06	-0.12			BKSB131
BKSB132	0.02	0.0004	0.18	0.06	-0.12			BKSB132
BKSB133	0.11	0.0121	0.19	0.06	-0.13			BKSB133
BKSB134	0.08	0.0064	0.2	0.06	-0.14			BKSB134
BKSB135	0.17	0.0289	0.2	0.05	-0.15			BKSB135
BKSB136	0.2	0.04	0.2	0.05	-0.15			BKSB136
BKSB137	0.18	0.00063	0.2	0.025	-0.175			BKSB137
BKSB138	0.21	0.0225	0.2	0.025	-0.175			BKSB138
BKSB139	0.2	0.0121	0.21	0.025	-0.185			BKSB139
BKSB140	0.79	0.0256	0.27	0.02	-0.25			BKSB140
BKSB141	0.45	0.1225	0.29	0.02	-0.27			BKSB141
BKSB142	0.29	0.04	0.35	0.02	-0.33			BKSB142
BKSB143	0.27	0.0049	0.45	0.02	-0.43			BKSB143
BKSB144	0.2	0.0036	0.79	0.02	-0.77			BKSB144
Sum of xi	6.225							Sum of xi
Mean	0.14147727							Mean
n=	44							n=
sum of xi^2	1.700175							sum of xi^2
1/n=	0.02272727							1/n=
xi=(sum xi)^2	38.750625							xi=(sum xi)^2
d=	0.81947898							d=
W=	0.7448006							W=
W(0.05,44)=	0.944							W(0.05,44)=
W<W(0.5,44), the distribution is not normal								W<W(0.5,44),

Shapiro Wilk for Cadmium

ln of ordered Conc. x(i)	ln(xi)^2	ln of Reverse Order x(n-i+1)	Difference x(n-i+1)-x(i)	a(n-i+1)	b(i)
-3.912023005	15.303924	-0.2357223	3.67630067	0.3872	1.42346362
-3.912023005	15.303924	-0.7985077	3.11351531	0.2667	0.83037453
-3.912023005	15.303924	-1.0498221	2.86220088	0.2323	0.66488926
-3.912023005	15.303924	-1.2378744	2.67414865	0.2072	0.5540836
-3.912023005	15.303924	-1.3093333	2.60268969	0.1868	0.48618243
-3.688879454	13.607832	-1.5606477	2.12823171	0.1695	0.36073527
-3.688879454	13.607832	-1.6094379	2.07944154	0.1542	0.32064989
-3.688879454	13.607832	-1.6094379	2.07944154	0.1405	0.29216154
-2.995732274	8.9744119	-1.6094379	1.38629436	0.1278	0.17716842
-2.995732274	8.9744119	-1.6094379	1.38629436	0.116	0.16081015
-2.813410717	7.9152799	-1.6094379	1.2039728	0.1049	0.12629675
-2.813410717	7.9152799	-1.6607312	1.15267951	0.0943	0.10869768
-2.813410717	7.9152799	-1.7147984	1.09861229	0.0842	0.09250315
-2.813410717	7.9152799	-1.7147984	1.09861229	0.0745	0.08184662
-2.813410717	7.9152799	-1.7147984	1.09861229	0.0651	0.07151966
-2.659260037	7.0716639	-1.7719568	0.8873032	0.056	0.04968898
-2.659260037	7.0716639	-1.8325815	0.82667857	0.0471	0.03893656
-2.659260037	7.0716639	-1.89712	0.76214005	0.0383	0.02918996
-2.525728644	6.3793052	-1.89712	0.62860866	0.0296	0.01860682
-2.525728644	6.3793052	-2.1202635	0.40546511	0.0211	0.00855531
-2.207274913	4.8720625	-2.2072749	0	0.0126	0
-2.207274913	4.8720625	-2.2072749	0	0.0042	0
-2.207274913	4.8720625	-2.2072749	0	0	0
-2.207274913	4.8720625	-2.2072749	0		0
-2.120263536	4.4955175	-2.5257286	-0.40546511		
-1.897119985	3.5990642	-2.5257286	-0.62860866	Sum of b=	5.8963602
-1.897119985	3.5990642	-2.65926	-0.76214005		
-1.832581464	3.3583548	-2.65926	-0.82667857	W=	0.94177684
-1.771956842	3.139831	-2.65926	-0.8873032	W(0.05.44)	0.944
-1.714798428	2.9405336	-2.8134107	-1.09861229		
-1.714798428	2.9405336	-2.8134107	-1.09861229		
-1.714798428	2.9405336	-2.8134107	-1.09861229		
-1.660731207	2.7580281	-2.8134107	-1.15267951		
-1.609437912	2.5902904	-2.8134107	-1.2039728		
-1.609437912	2.5902904	-2.9957323	-1.38629436		
-1.609437912	2.5902904	-2.9957323	-1.38629436		
-1.609437912	2.5902904	-3.6888795	-2.07944154		
-1.609437912	2.5902904	-3.6888795	-2.07944154		
-1.560647748	2.4356214	-3.6888795	-2.12823171		
-1.30933332	1.7143537	-3.912023	-2.60268969		
-1.237874356	1.5323329	-3.912023	-2.67414865		
-1.049822124	1.1021265	-3.912023	-2.86220088		
-0.798507696	0.6376145	-3.912023	-3.11351531		
-0.235722334	0.055565	-3.912023	-3.67630067		
-103.106874					
-2.343338046					
44					
278.5307172					
0.022727273					
10631.02747					
36.91645655					
0.941776836					
0.944					
he distribution is approximately lognormal					

Shapiro Wilk Chromium

smp_id	Chromium	Ordered Conc. x(i)	Reverse Ordered x(n-i+1)	Difference x(n-i+1)-x(i)	a(n-i+1)	b(i)
BKSB101	5.1	0.93	23.6	22.67	0.3872	8.777824
BKSB102	10.3	1.2	20.3	19.1	0.2667	5.09397
BKSB103	10.1	1.8	16.6	14.8	0.2323	3.43804
BKSB104	3.1	2.1	16.1	14	0.2072	2.9008
BKSB105	4	2.2	12.9	10.7	0.1868	1.99876
BKSB106	7.6	2.7	12.2	9.5	0.1695	1.61025
BKSB107	5.1	3.1	11.1	8	0.1542	1.2336
BKSB108	12.9	3.7	10.3	6.6	0.1405	0.9273
BKSB109	6.5	4	10.1	6.1	0.1278	0.77958
BKSB110	16.6	4	8.9	4.9	0.116	0.5684
BKSB111	6.2	4.3	8.5	4.2	0.1049	0.44058
BKSB112	4	4.6	8.4	3.8	0.0943	0.35834
BKSB113	8.9	4.9	8.4	3.5	0.0842	0.2947
BKSB114	20.3	4.9	8.30	3.4	0.0745	0.2533
BKSB115	7.3	5.1	8.1	3	0.0651	0.1953
BKSB116	2.7	5.1	7.7	2.6	0.056	0.1456
BKSB117	5.7	5.1	7.6	2.5	0.0471	0.11775
BKSB118	2.2	5.5	7.3	1.8	0.0383	0.06894
BKSB119	2.1	5.7	7.2	1.5	0.0296	0.0444
BKSB120	0.93	5.9	6.5	0.6	0.0211	0.01266
BKSB121	6.3	6.1	6.5	0.4	0.0126	0.00504
BKSB122	4.9	6.2	6.3	0.1	0.0042	0.00042
BKSB123	4.3	6.3	6.2	-0.1	0	0
BKSB124	7.2	6.5	6.1	-0.4	0.0037	-0.00148
BKSB125	5.1	6.5	5.9	-0.6	Sum of b=	29.264074
BKSB126	5.5	7.2	5.7	-1.5		
BKSB127	3.7	7.3	5.5	-1.8	W=	0.87100033
BKSB128	8.5	7.6	5.1	-2.5	W(0.05,45)	0.945
BKSB129	4.6	7.7	5.1	-2.6		
BKSB130	1.8	8.1	5.1	-3		
BKSB131	7.7	8.30	4.9	-3.4		
BKSB132	5.9	8.4	4.9	-3.5		
BKSB133	4.9	8.4	4.6	-3.8		
BKSB134	1.2	8.5	4.3	-4.2		
BKSB135	6.1	8.9	4	-4.9		
BKSB136	8.30	10.1	4	-6.1		
BKSB137	8.1	10.3	3.7	-6.6		
BKSB138	11.1	11.1	3.1	-8		
BKSB139	8.4	12.2	2.7	-9.5		
BKSB140	16.1	12.9	2.2	-10.7		
BKSB141	23.6	16.1	2.1	-14		
BKSB142	8.4	16.6	1.8	-14.8		
BKSB143	12.2	20.3	1.2	-19.1		
BKSB144	6.5	23.6	0.93	-22.67		
Sum of x_i	322.03					
Mean	7.31886364					
n=	44					
sum of x_i^2	3340.1149					
1/n=	0.02272727					
x_i-(sum xi)^2	103703.321					
d=	983.221243					
W=	0.87100033					
W(0.05,44)=	0.944					
W<W(0.5,45), the distribution is not normal						

Shapiro Wilk Chromium

smp_id	ln of ordered Conc. x(i)	ln(xi)^2	ln of Reverse Order x(n-i+1)	Difference x(n-i+1)-x(i)	a(n-i+1)	b(i)
BKSB101	-0.07257069	0.00526651	3.161246712	3.2338174	0.3872	1.2521341
BKSB102	0.182321557	0.03324115	3.010620886	2.82829933	0.2667	0.75430743
BKSB103	0.587786665	0.34549316	2.809402695	2.22161603	0.2323	0.5160814
BKSB104	0.741937345	0.55047102	2.778819272	2.03688193	0.2072	0.42204194
BKSB105	0.78845736	0.62166501	2.557227311	1.76876995	0.1868	0.33040623
BKSB106	0.993251773	0.98654908	2.501435952	1.50818418	0.1695	0.25563722
BKSB107	1.131402111	1.28007074	2.406945108	1.275543	0.1542	0.19668873
BKSB108	1.30833282	1.71173477	2.332143895	1.02381108	0.1405	0.14384546
BKSB109	1.386294361	1.92181206	2.312535424	0.92624106	0.1278	0.11837361
BKSB110	1.386294361	1.92181206	2.186051277	0.79975692	0.116	0.0927718
BKSB111	1.458615023	2.12755778	2.140066163	0.68145114	0.1049	0.07148422
BKSB112	1.526056303	2.32884784	2.128231706	0.6021754	0.0943	0.05678514
BKSB113	1.589235205	2.52566854	2.128231706	0.5389965	0.0842	0.04538351
BKSB114	1.589235205	2.52566854	2.116255515	0.52702031	0.0745	0.03926301
BKSB115	1.62924054	2.65442474	2.091864062	0.46262352	0.0651	0.03011679
BKSB116	1.62924054	2.65442474	2.041220329	0.41197979	0.056	0.02307087
BKSB117	1.62924054	2.65442474	2.028148247	0.39890771	0.0471	0.01878855
BKSB118	1.704748092	2.90616606	1.987874348	0.28312626	0.0383	0.01084374
BKSB119	1.740466175	3.02922251	1.974081026	0.23361485	0.0296	0.006915
BKSB120	1.774952351	3.15045585	1.871802177	0.09684983	0.0211	0.00204353
BKSB121	1.808288771	3.26990828	1.871802177	0.06351341	0.0126	0.00080027
BKSB122	1.824549292	3.32898012	1.840549633	0.01600034	0.0042	6.7201E-05
BKSB123	1.840549633	3.38762295	1.824549292	-0.0160003	0	0
BKSB124	1.871802177	3.50364339	1.808288771	-0.0635134		0
BKSB125	1.871802177	3.50364339	1.774952351	-0.0968498	Sum of b=	4.38784974
BKSB126	1.974081026	3.8969959	1.740466175	-0.2336149		
BKSB127	1.987874348	3.95164442	1.704748092	-0.2831263	W=	0.96653268
BKSB128	2.028148247	4.11338531	1.62924054	-0.3989077	W(0.05,45)	0.945
BKSB129	2.041220329	4.16658043	1.62924054	-0.4119798		
BKSB130	2.091864062	4.37589525	1.62924054	-0.4626235		
BKSB131	2.116255515	4.4785374	1.589235205	-0.5270203		
BKSB132	2.128231706	4.52937019	1.589235205	-0.5389965		
BKSB133	2.128231706	4.52937019	1.526056303	-0.6021754		
BKSB134	2.140066163	4.57988318	1.458615023	-0.6814511		
BKSB135	2.186051277	4.77882018	1.386294361	-0.7997569		
BKSB136	2.312535424	5.34782009	1.386294361	-0.9262411		
BKSB137	2.332143895	5.79338475	1.30833282	-1.0238111		
BKSB138	2.406945108	6.25718182	1.131402111	-1.275543		
BKSB139	2.501435952	6.53941152	0.993251773	-1.5081842		
BKSB140	2.557227311	7.72183655	0.78845736	-1.76877		
BKSB141	2.778819272	7.8927435	0.741937345	-2.0368819		
BKSB142	2.809402695	9.06383812	0.587786665	-2.221616		
BKSB143	3.010620886	9.99348077	0.182321557	-2.8282993		
BKSB144	3.161246712	#REF!	-0.072570693	-3.2338174		
Sum of x_i	78.61393132					
Mean	1.786680257					
n=	44					
sum of x_i^2	160.3778498					
1/n=	0.022727273					
x_i-(sum xi)^	6180.150197					
d=	19.91989073					
W=	0.96653268					
W(0.05,44)	0.944					
W>W(0.5,44), the distribution is lognormal						

Shapiro Wilk for Lead

smp_id	Lead	Ordered Conc. x(i)	Reverse Ordered x(n-i+1)	Difference x(n i+1)-x(i)	a(n-i+1)	b(i)
BKSB101	6	0.72	33.2	32.48	0.3872	12.57626
BKSB102	5	1.3	12.1	10.8	0.2667	2.88036
BKSB103	9.5	1.5	10.2	8.7	0.2323	2.02101
BKSB104	5.3	1.5	10.1	8.6	0.2072	1.78192
BKSB105	3.9	1.7	9.8	8.1	0.1868	1.51308
BKSB106	5	2.3	9.5	7.2	0.1695	1.2204
BKSB107	6.1	2.3	8.3	6	0.1542	0.9252
BKSB108	9.8	2.5	7.8	5.3	0.1405	0.74465
BKSB109	3.2	3.00	7.8	4.8	0.1278	0.61344
BKSB110	7.8	3.1	7.7	4.6	0.116	0.5336
BKSB111	5.3	3.2	7.5	4.3	0.1049	0.45107
BKSB112	1.5	3.6	6.6	3	0.0943	0.2829
BKSB113	6	3.7	6.3	2.6	0.0842	0.21892
BKSB114	7.7	3.8	6.1	2.3	0.0745	0.17135
BKSB115	5.1	3.8	6	2.2	0.0651	0.14322
BKSB116	5.6	3.9	6	2.1	0.056	0.1176
BKSB117	8.3	4	5.6	1.6	0.0471	0.07536
BKSB118	3.7	4.1	5.3	1.2	0.0383	0.04596
BKSB119	1.3	4.1	5.3	1.2	0.0296	0.03552
BKSB120	0.72	4.1	5.1	1	0.0211	0.0211
BKSB121	10.2	4.5	5	0.5	0.0126	0.0063
BKSB122	4.1	5	5	0	0.0042	0
BKSB123	3.8	5	5	0	0	0
BKSB124	4.5	5	4.5	-0.5		0
BKSB125	1.7	5.1	4.1	-1		
BKSB126	1.5	5.3	4.1	-1.2	Sum of b=	26.37922
BKSB127	3.8	5.3	4.1	-1.2		
BKSB128	7.5	5.6	4	-1.6	W=	0.647733
BKSB129	4.1	6	3.9	-2.1	W(0.05,45)	0.945
BKSB130	3.1	6	3.8	-2.2		
BKSB131	10.1	6.1	3.8	-2.3		
BKSB132	7.8	6.3	3.7	-2.6		
BKSB133	6.3	6.6	3.6	-3		
BKSB134	2.3	7.5	3.2	-4.3		
BKSB135	2.5	7.7	3.1	-4.6		
BKSB136	3.00	7.8	3.00	-4.8		
BKSB137	2.3	7.8	2.5	-5.3		
BKSB138	4.1	8.3	2.3	-6		
BKSB139	3.6	9.5	2.3	-7.2		
BKSB140	33.2	9.8	1.7	-8.1		
BKSB141	12.1	10.1	1.5	-8.6		
BKSB142	5	10.2	1.5	-8.7		
BKSB143	6.6	12.1	1.3	-10.8		
BKSB144	4	33.2	0.72	-32.48		
Sum of xi	254.02					
Mean	5.773182		—			
n=	44					
sum of xi^2	2540.808					
1/n=	0.022727					
xi=(sum xi)^2	64526.16					
d=	1074.305					
W=	0.647733					
W(0.05,44)=	0.944					
W<W(0.5,44), the distribution is not normal						

smp_id	ln of ordered Conc. x(i)	ln(xi)^2	ln of Reverse Order x(n-i+1)	Difference x(n-i+1)-x(i)	a(n-i+1)	b(i)
BKSB101	-0.328504067	0.107914922	3.502549876	3.83105394	0.3872	1.48338409
BKSB102	0.262364264	0.068835007	2.493205453	2.23084119	0.2667	0.59496534
BKSB103	0.405465108	0.164401954	2.32238772	1.91692261	0.2323	0.44530112
BKSB104	0.405465108	0.164401954	2.312535424	1.90707032	0.2072	0.39514497
BKSB105	0.530628251	0.281566341	2.282382386	1.75175413	0.1868	0.32722767
BKSB106	0.832909123	0.693737607	2.251291799	1.41838268	0.1695	0.24041586
BKSB107	0.832909123	0.693737607	2.116255515	1.28334639	0.1542	0.19789201
BKSB108	0.916290732	0.839588705	2.054123734	1.137833	0.1405	0.15986554
BKSB109	1.098612289	1.206948961	2.054123734	0.95551145	0.1278	0.12211436
BKSB110	1.131402111	1.280070738	2.041220329	0.90981822	0.116	0.10553891
BKSB111	1.16315081	1.352919806	2.014903021	0.85175221	0.1049	0.08934881
BKSB112	1.280933845	1.640791516	1.887069649	0.6061358	0.0943	0.05715861
BKSB113	1.30833282	1.711734767	1.840549633	0.53221681	0.0842	0.04481266
BKSB114	1.335001067	1.782227848	1.808288771	0.4732877	0.0745	0.03525993
BKSB115	1.335001067	1.782227848	1.791759469	0.4567584	0.0651	0.02973497
BKSB116	1.360976553	1.852257178	1.791759469	0.43078292	0.056	0.02412384
BKSB117	1.386294361	1.921812056	1.722766598	0.33647224	0.0471	0.01584784
BKSB118	1.410986974	1.99088424	1.667706821	0.25671985	0.0383	0.00983237
BKSB119	1.410986974	1.99088424	1.667706821	0.25671985	0.0296	0.00759891
BKSB120	1.410986974	1.99088424	1.62924054	0.21825357	0.0211	0.00460515
BKSB121	1.504077397	2.262248815	1.609437912	0.10536052	0.0126	0.00132754
BKSB122	1.609437912	2.590290394	1.609437912	0	0.0042	0
BKSB123	1.609437912	2.590290394	1.609437912	0		0
BKSB124	1.609437912	2.590290394	1.504077397	-0.10536052		0
BKSB125	1.62924054	2.654424736	1.410986974	-0.21825357		
BKSB126	1.667706821	2.781246039	1.410986974	-0.25671985	Sum of b=	4.39150052
BKSB127	1.667706821	2.781246039	1.410986974	-0.25671985		
BKSB128	1.722766598	2.96792475	1.386294361	-0.33647224	W(ln)=	0.97536815
BKSB129	1.791759469	3.210401996	1.360976553	-0.43078292		
BKSB130	1.791759469	3.210401996	1.335001067	-0.4567584	W(0.05,44)	0.944
BKSB131	1.808288771	3.26990828	1.335001067	-0.4732877		
BKSB132	1.840549633	3.387622953	1.30833282	-0.53221681		
BKSB133	1.887069649	3.56103186	1.280933845	-0.6061358		
BKSB134	2.014903021	4.059834182	1.16315081	-0.85175221		
BKSB135	2.041220329	4.166580431	1.131402111	-0.90981822		
BKSB136	2.054123734	4.219424313	1.098612289	-0.95551145		
BKSB137	2.054123734	4.219424313	0.916290732	-1.137833		
BKSB138	2.116255515	4.478537404	0.832909123	-1.28334639		
BKSB139	2.251291799	5.068314762	0.832909123	-1.41838268		
BKSB140	2.282382386	5.209269354	0.530628251	-1.75175413		
BKSB141	2.312535424	5.347820087	0.405465108	-1.90707032		
BKSB142	2.32238772	5.393484723	0.405465108	-1.91692261		
BKSB143	2.493205453	6.216073429	0.262364264	-2.23084119		
BKSB144	3.502549876	12.26785563	-0.328504067	-3.83105394		
Sum of xi	67.07441138					
Mean	1.52441844		—			
n=	44					
sum of xi^2	122.0217748					
1/n=	0.022727273					
xi=(sum xi)^2	4498.976662					
d=	19.77230523					
W(ln)=	0.975368151					
W(0.05,44)=	0.944					
W>W(0.5,44), the distribution is lognormal						

Students T-Test for Arsenic at FH-046

PAR_NAME	RESULTS	UNITS	log	bkg	bkglog
Arsenic	6.5	mg/kg	0.812913	3.000	0.477121
Arsenic	9.9	mg/kg	0.995635	2.000	0.30103
Arsenic	2.5	mg/kg	0.39794	9.100	0.959041
Arsenic	4.8	mg/kg	0.681241	6.200	0.792392
Arsenic	2.8	mg/kg	0.447158	4.300	0.633468
Arsenic	3.5	mg/kg	0.544068	4.400	0.643453
Arsenic	2.8	mg/kg	0.447158	6.000	0.778151
Arsenic	5.5	mg/kg	0.740363	3.500	0.544068
Arsenic	2.2	mg/kg	0.342423	4.800	0.681241
Arsenic	6.8	mg/kg	0.832509	5.200	0.716003
Arsenic	3.4	mg/kg	0.531479	1.600	0.20412
Arsenic	2.6	mg/kg	0.414973	5.700	0.755875
Arsenic	2	mg/kg	0.30103	5.200	0.716003
Arsenic	7.9	mg/kg	0.897627	5.300	0.724276
Arsenic	6.4	mg/kg	0.80618	11.600	1.064458
Arsenic	3.1	mg/kg	0.491362	4.400	0.643453
Arsenic	2.9	mg/kg	0.462398	2.600	0.414973
Arsenic	1.3	mg/kg	0.113943	0.660	-0.180456
Arsenic	2	mg/kg	0.30103	0.440	-0.356547
Arsenic	3.5	mg/kg	0.544068	4.100	0.612784
Arsenic	3.3	mg/kg	0.518514	3.200	0.50515
Arsenic	3.3	mg/kg	0.518514	3.800	0.579784
Arsenic	6.6	mg/kg	0.819544	6.000	0.778151
Arsenic	4.6	mg/kg	0.662758	3.200	0.50515
Arsenic	1.9	mg/kg	0.278754	2.500	0.39794
Arsenic	5.5	mg/kg	0.740363	1.900	0.278754
Arsenic	4.2	mg/kg	0.623249	3.600	0.556303
Arsenic	5.8	mg/kg	0.763428	2.600	0.414973
Arsenic	5.5	mg/kg	0.740363	1.000	0
Arsenic	2.3	mg/kg	0.361728	5.300	0.724276
Arsenic	2.1	mg/kg	0.322219	4.200	0.623249
Arsenic	3.8	mg/kg	0.579784	3.200	0.50515
Arsenic	6.7	mg/kg	0.826075	2.900	0.462398
Arsenic	3.0	mg/kg	0.477121	2.700	0.431364
Arsenic	2.0	mg/kg	0.30103	4.300	0.633468
Arsenic	11.6	mg/kg	1.064458	8.200	0.913814
Arsenic	7.2	mg/kg	0.857332	9.200	0.963788
Arsenic	7.4	mg/kg	0.869232	7.600	0.880814
Arsenic	2.7	mg/kg	0.431364	4.800	0.681241
Arsenic	2.5	mg/kg	0.39794	5.600	0.748188
Arsenic	4.4	mg/kg	0.643453	3.800	0.579784
Arsenic	4.8	mg/kg	0.681241	3.800	0.579784
Arsenic	3.4	mg/kg	0.531479	3.700	0.568202
Arsenic	1.1	mg/kg	0.041393		
Arsenic	8.4	mg/kg	0.924279		
Arsenic	5.1	mg/kg	0.70757		
Arsenic	4.0	mg/kg	0.60206		
Arsenic	4.8	mg/kg	0.681241		

Students T-Test for Arsenic at FH-046

Arsenic	4.4	mg/kg	0.643453
Arsenic	5.1	mg/kg	0.70757
Arsenic	4.0	mg/kg	0.60206
Arsenic	8.7	mg/kg	0.939519
Arsenic	5.2	mg/kg	0.716003
Arsenic	4.4	mg/kg	0.643453
Arsenic	6.2	mg/kg	0.792392
Arsenic	8.3	mg/kg	0.919078
Arsenic	3.2	mg/kg	0.50515
Arsenic	13.4	mg/kg	1.127105
Arsenic	6.3	mg/kg	0.799341
Arsenic	6.7	mg/kg	0.826075
Arsenic	4.0	mg/kg	0.60206
Arsenic	7.8	mg/kg	0.892095
Arsenic	3.9	mg/kg	0.591065
Arsenic	2.8	mg/kg	0.447158
Arsenic	5.5	mg/kg	0.740363
Arsenic	12	mg/kg	1.079181
Arsenic	10.5	mg/kg	1.021189
Arsenic	8.1	mg/kg	0.908485
Arsenic	9.6	mg/kg	0.982271
Arsenic	4.2	mg/kg	0.623249
Arsenic	4.1	mg/kg	0.612784
Arsenic	3.5	mg/kg	0.544068
Arsenic	3.7	mg/kg	0.568202
Arsenic	4.5	mg/kg	0.653213

N1	74	N2	43
Mean1	0.642683	Mean2	0.568294
SD1	0.227127	SD2	0.279241

a	0.249702
t	1.553628
v	115

1.55<1.645

Populations are not significantly different.

Students T-Test for Barium at FH-046

PAR_NAME	RESULTS	UNITS	log	bkg	bkglog
Barium	73.700	mg/kg	1.867467	21.300	1.32838
Barium	19.800	mg/kg	1.296665	8.000	0.90309
Barium	9.600	mg/kg	0.982271	14.700	1.167317
Barium	172.000	mg/kg	2.235528	28.200	1.450249
Barium	76.000	mg/kg	1.880814	23.400	1.369216
Barium	10.900	mg/kg	1.037426	43.700	1.640481
Barium	12.500	mg/kg	1.09691	1350.000	3.130334
Barium	19.000	mg/kg	1.278754	72.400	1.859739
Barium	14.900	mg/kg	1.173186	155.000	2.190332
Barium	44.200	mg/kg	1.645422	24.100	1.382017
Barium	10.500	mg/kg	1.021189	7.200	0.857332
Barium	102.000	mg/kg	2.0086	6.600	0.819544
Barium	188.000	mg/kg	2.274158	20.500	1.311754
Barium	20.800	mg/kg	1.318063	25.200	1.401401
Barium	41.900	mg/kg	1.622214	10.600	1.025306
Barium	15.300	mg/kg	1.184691	4.900	0.690196
Barium	28.400	mg/kg	1.453318	27.900	1.445604
Barium	8.000	mg/kg	0.90309	4.400	0.643453
Barium	9.400	mg/kg	0.973128	3.000	0.477121
Barium	36.200	mg/kg	1.558709	2.000	0.30103
Barium	13.500	mg/kg	1.130334	24.000	1.380211
Barium	18.400	mg/kg	1.264818	6.100	0.78533
Barium	19.500	mg/kg	1.290035	5.500	0.740363
Barium	92.600	mg/kg	1.966611	19.300	1.285557
Barium	11.900	mg/kg	1.075547	18.100	1.257679
Barium	81.800	mg/kg	1.912753	5.400	0.732394
Barium	205.000	mg/kg	2.311754	18.800	1.274158
Barium	206.000	mg/kg	2.313867	36.300	1.559907
Barium	166.000	mg/kg	2.220108	26.300	1.419956
Barium	23.000	mg/kg	1.361728	8.100	0.908485
Barium	26.100	mg/kg	1.416641	65.900	1.818885
Barium	93.800	mg/kg	1.972203	41.700	1.620136
Barium	209.000	mg/kg	2.320146	68.600	1.836324
Barium	61.700	mg/kg	1.790285	20.100	1.303196
Barium	58.600	mg/kg	1.767898	15.400	1.187521
Barium	145.000	mg/kg	2.161368	14.800	1.170262
Barium	13.100	mg/kg	1.117271	7.800	0.892095
Barium	34.700	mg/kg	1.540329	12.200	1.08636
Barium	38.900	mg/kg	1.58995	7.300	0.863323
Barium	72.300	mg/kg	1.859138	108.000	2.033424
Barium	64.000	mg/kg	1.80618	127.000	2.103804
Barium	69.000	mg/kg	1.838849	63.000	1.799341
Barium	39.300	mg/kg	1.594393	39.300	1.594393
Barium	25.500	mg/kg	1.40654	36.100	1.557507
Barium	25.400	mg/kg	1.404834		
Barium	61.700	mg/kg	1.790285		
Barium	42.400	mg/kg	1.627366		
Barium	47.800	mg/kg	1.679428		

Students T-Test for Barium at FH-046

Barium	31.900 mg/kg	1.503791
Barium	35.900 mg/kg	1.555094
Barium	26.600 mg/kg	1.424882
Barium	55.600 mg/kg	1.745075
Barium	83.900 mg/kg	1.923762
Barium	280.000 mg/kg	2.447158
Barium	24.600 mg/kg	1.390935
Barium	40.700 mg/kg	1.609594
Barium	70.000 mg/kg	1.845098
Barium	151.000 mg/kg	2.178977
Barium	43.200 mg/kg	1.635484
Barium	100.000 mg/kg	2
Barium	30.000 mg/kg	1.477121
Barium	22.300 mg/kg	1.348305
Barium	55.700 mg/kg	1.745855
Barium	37.700 mg/kg	1.576341
Barium	56.800 mg/kg	1.754348
Barium	142.000 mg/kg	2.152288
Barium	127.000 mg/kg	2.103804
Barium	17.300 mg/kg	1.238046
Barium	9.300 mg/kg	0.968483
Barium	23.400 mg/kg	1.369216
Barium	158.000 mg/kg	2.198657
Barium	61.900 mg/kg	1.791691
Barium	12.700 mg/kg	1.103804
Barium	30.200 mg/kg	1.480007

N1	74	N2	44
Mean1	1.620406	Mean2	1.309193
SD1	0.394462	SD2	0.519676

a	0.44911
t	3.640042
v	116

3.64>1.645
Populations are significantly different.

Students T-Test for Chromium at FH-046

PAR_NAME	RESULTS	UNITS	log	bkg	bkglog
Chromium	17.700	mg/kg	1.247973	5.100	0.70757
Chromium	6.300	mg/kg	0.799341	10.300	1.012837
Chromium	7.100	mg/kg	0.851258	10.100	1.004321
Chromium	19.100	mg/kg	1.281033	3.100	0.491362
Chromium	6.300	mg/kg	0.799341	4.000	0.60206
Chromium	4.900	mg/kg	0.690196	7.600	0.880814
Chromium	8.100	mg/kg	0.908485	5.100	0.70757
Chromium	13.700	mg/kg	1.136721	12.900	1.11059
Chromium	2.800	mg/kg	0.447158	6.500	0.812913
Chromium	5.300	mg/kg	0.724276	16.600	1.220108
Chromium	3.300	mg/kg	0.518514	6.200	0.792392
Chromium	17.000	mg/kg	1.230449	4.000	0.60206
Chromium	24.000	mg/kg	1.380211	8.900	0.94939
Chromium	7.800	mg/kg	0.892095	20.300	1.307496
Chromium	7.300	mg/kg	0.863323	7.300	0.863323
Chromium	3.300	mg/kg	0.518514	2.700	0.431364
Chromium	6.300	mg/kg	0.799341	5.700	0.755875
Chromium	3.300	mg/kg	0.518514	2.200	0.342423
Chromium	3.400	mg/kg	0.531479	2.100	0.322219
Chromium	6.200	mg/kg	0.792392	0.930	-0.031517
Chromium	4.200	mg/kg	0.623249	6.300	0.799341
Chromium	6.400	mg/kg	0.80618	4.900	0.690196
Chromium	5.800	mg/kg	0.763428	4.300	0.633468
Chromium	9.800	mg/kg	0.991226	7.200	0.857332
Chromium	3.800	mg/kg	0.579784	5.100	0.70757
Chromium	15.100	mg/kg	1.178977	5.500	0.740363
Chromium	21.300	mg/kg	1.32838	3.700	0.568202
Chromium	27.000	mg/kg	1.431364	8.500	0.929419
Chromium	18.900	mg/kg	1.276462	4.600	0.662758
Chromium	6.200	mg/kg	0.792392	1.800	0.255273
Chromium	6.300	mg/kg	0.799341	7.700	0.886491
Chromium	16.400	mg/kg	1.214844	5.900	0.770852
Chromium	30.300	mg/kg	1.481443	4.900	0.690196
Chromium	9.600	mg/kg	0.982271	1.200	0.079181
Chromium	11.100	mg/kg	1.045323	6.100	0.78533
Chromium	15.300	mg/kg	1.184691	8.300	0.919078
Chromium	2.400	mg/kg	0.380211	8.100	0.908485
Chromium	5.700	mg/kg	0.755875	11.100	1.045323
Chromium	9.500	mg/kg	0.977724	8.400	0.924279
Chromium	6.700	mg/kg	0.826075	16.100	1.206826
Chromium	7.300	mg/kg	0.863323	23.600	1.372912
Chromium	4.400	mg/kg	0.643453	8.400	0.924279
Chromium	3.700	mg/kg	0.568202	12.200	1.08636
Chromium	3.800	mg/kg	0.579784	6.500	0.812913
Chromium	5.100	mg/kg	0.70757		
Chromium	8.900	mg/kg	0.94939		
Chromium	6.000	mg/kg	0.778151		
Chromium	12.800	mg/kg	1.10721		

Students T-Test for Chromium at FH-046

Chromium	3.800 mg/kg	0.579784
Chromium	4.200 mg/kg	0.623249
Chromium	5.600 mg/kg	0.748188
Chromium	6.400 mg/kg	0.80618
Chromium	10.600 mg/kg	1.025306
Chromium	14.400 mg/kg	1.158362
Chromium	4.100 mg/kg	0.612784
Chromium	9.300 mg/kg	0.968483
Chromium	11.800 mg/kg	1.071882
Chromium	16.200 mg/kg	1.209515
Chromium	6.500 mg/kg	0.812913
Chromium	14.100 mg/kg	1.149219
Chromium	3.600 mg/kg	0.556303
Chromium	3.500 mg/kg	0.544068
Chromium	7.400 mg/kg	0.869232
Chromium	5.000 mg/kg	0.69897
Chromium	6.500 mg/kg	0.812913
Chromium	11.800 mg/kg	1.071882
Chromium	9.000 mg/kg	0.954243
Chromium	2.700 mg/kg	0.431364
Chromium	2.300 mg/kg	0.361728
Chromium	3.300 mg/kg	0.518514
Chromium	13.300 mg/kg	1.123852
Chromium	4.700 mg/kg	0.672098
Chromium	2.500 mg/kg	0.39794
Chromium	5.100 mg/kg	0.70757

N1	74	N2	44
Mean1	0.851804	Mean2	0.775945
SD1	0.274086	SD2	0.295593

a	0.28472
t	1.399541
v	116

1.3995<1.645

Populations are not significantly different.

Mean Comparison Statistical Results for Lead Samples Collected at FH-046

COMPOUND	N	R	U	MEAN	SD	Z
LeadA	74	4357.50	1673.50	1628.00	179.69	0.25
LeadB	44	2661.50				

Mean Comparison Statistical Ranking Results for Lead Samples Collected at FH-046

COMPOUND	RESULT	RANK	NEWRANK
LeadB	0.7200	1.0	1.00
LeadA	0.9400	2.0	2.00
LeadA	0.9600	3.0	3.00
LeadA	1.0000	4.0	4.00
LeadA	1.1000	5.0	5.00
LeadA	1.2000	6.0	6.00
LeadA	1.3000	7.0	8.00
LeadA	1.3000	8.0	8.00
LeadB	1.3000	9.0	8.00
LeadA	1.4000	10.0	10.0
LeadA	1.5000	11.0	13.0
LeadA	1.5000	12.0	13.0
LeadA	1.5000	13.0	13.0
LeadB	1.5000	14.0	13.0
LeadB	1.5000	15.0	13.0
LeadA	1.6000	16.0	16.0
LeadB	1.7000	17.0	17.0
LeadA	1.8000	18.0	18.0
LeadA	1.9000	19.0	19.5
LeadA	1.9000	20.0	19.5
LeadA	2.0000	21.0	21.0
LeadA	2.1000	22.0	22.0
LeadA	2.2000	23.0	23.0
LeadB	2.3000	24.0	24.5
LeadB	2.3000	25.0	24.5
LeadA	2.4000	26.0	26.5
LeadA	2.4000	27.0	26.5
LeadA	2.5000	28.0	28.5
LeadB	2.5000	29.0	28.5
LeadA	2.6000	30.0	30.0
LeadA	2.8000	31.0	31.0
LeadA	3.0000	32.0	32.5
LeadB	3.0000	33.0	32.5
LeadA	3.1000	34.0	35.0
LeadA	3.1000	35.0	35.0
LeadB	3.1000	36.0	35.0
LeadB	3.2000	37.0	37.0
LeadA	3.3000	38.0	38.0
LeadA	3.4000	39.0	39.0
LeadA	3.5000	40.0	40.5
LeadA	3.5000	41.0	40.5
LeadA	3.6000	42.0	43.0
LeadA	3.6000	43.0	43.0
LeadB	3.6000	44.0	43.0
LeadB	3.7000	45.0	45.0
LeadA	3.8000	46.0	47.0
LeadB	3.8000	47.0	47.0
LeadB	3.8000	48.0	47.0
LeadA	3.9000	49.0	50.0
LeadA	3.9000	50.0	50.0
LeadB	3.9000	51.0	50.0
LeadB	4.0000	52.0	52.0
LeadA	4.1000	53.0	54.5
LeadB	4.1000	54.0	54.5
LeadB	4.1000	55.0	54.5
LeadB	4.1000	56.0	54.5
LeadA	4.2000	57.0	57.0
LeadA	4.4000	58.0	58.0
LeadA	4.5000	59.0	60.0
LeadA	4.5000	60.0	60.0
LeadB	4.5000	61.0	60.0
LeadA	4.7000	62.0	62.0
LeadA	4.8000	63.0	63.5
LeadA	4.8000	64.0	63.5
LeadA	4.9000	65.0	65.5
LeadA	4.9000	66.0	65.5
LeadA	5.0000	67.0	68.5
LeadB	5.0000	68.0	68.5
LeadB	5.0000	69.0	68.5
LeadB	5.0000	70.0	68.5
LeadB	5.1000	71.0	71.0
LeadB	5.3000	72.0	72.5
LeadB	5.3000	73.0	72.5
LeadB	5.6000	74.0	74.0
LeadA	5.9000	75.0	75.0
LeadB	6.0000	76.0	76.5
LeadB	6.0000	77.0	76.5
LeadB	6.1000	78.0	78.0
LeadB	6.3000	79.0	79.0
LeadA	6.6000	80.0	80.5
LeadB	6.6000	81.0	80.5
LeadA	6.8000	82.0	82.0
LeadA	6.9000	83.0	83.0
LeadA	7.2000	84.0	84.0
LeadB	7.5000	85.0	85.0
LeadB	7.7000	86.0	86.0
LeadB	7.8000	87.0	87.5
LeadB	7.8000	88.0	87.5
LeadA	7.9000	89.0	89.0
LeadA	8.1000	90.0	90.0
LeadB	8.3000	91.0	91.0
LeadA	9.0000	92.0	92.0
LeadA	9.1000	93.0	93.0
LeadB	9.5000	94.0	94.0
LeadB	9.8000	95.0	95.0
LeadB	10.1000	96.0	96.0
LeadB	10.2000	97.0	97.0
LeadA	10.3000	98.0	98.0
LeadA	11.7000	99.0	99.0
LeadB	12.1000	100.0	100.
LeadA	12.7000	101.0	101.
LeadA	13.1000	102.0	102.
LeadA	13.5000	103.0	103.
LeadA	13.5000	104.0	103.
LeadA	14.9000	105.0	105.
LeadA	15.9000	106.0	106.
LeadA	16.1000	107.0	107.
LeadA	16.4000	108.0	108.
LeadA	16.4000	109.0	108.
LeadA	16.5000	110.0	110.
LeadA	17.7000	111.0	111.
LeadA	18.7000	112.0	112.
LeadA	19.5000	113.0	113.
LeadA	25.1000	114.0	114.
LeadB	33.2000	115.0	115.
LeadA	34.7000	116.0	116.
LeadA	121.0000	117.0	117.
LeadA	560.0000	118.0	118.

Arsenic UCL 95 Calculation for FH-046 Soil Samples

STATION	SMP_ID	DATE_COL	DEPTH	PAR_NAME	RESULTS	REV_RESULT	UNITS	LABQUAL	DATAQUAL
SB101	46SB112	4/2/1997	0.5-2.0	Arsenic	6.5	6.500	mg/kg		
SB101	46SB113	4/3/1997	5.0-6.0	Arsenic	9.9	9.900	mg/kg		
SB101	46SB114	4/3/1997	10.0-11.0	Arsenic	2.5	2.500	mg/kg		
SB102	46SB109	2/5/1997	0.5-1.5	Arsenic	4.8	4.800	mg/kg		
SB102	46SB110	2/5/1997	4.0-5.0	Arsenic	2.8	2.800	mg/kg		
SB102	46SB111	2/5/1997	9.0-10.0	Arsenic	3.5	3.500	mg/kg		
SB103	46SB101	2/4/1997	4.0-5.0	Arsenic	2.8	2.800	mg/kg		
SB103	46SB102	2/4/1997	9.0-10.0	Arsenic	5.5	5.500	mg/kg		
SB103	46SB103	2/4/1997	15.5-16.5	Arsenic	2.2	2.200	mg/kg		
SB104	46SB104	2/4/1997	0.5-1.5	Arsenic	6.8	6.800	mg/kg		
SB104	46SB105	2/4/1997	4.0-5.0	Arsenic	3.4	3.400	mg/kg		
SB104	46SB106	2/4/1997	9.0-10.0	Arsenic	2.6	2.600	mg/kg		
SB104	46SB107	2/4/1997	14.0-15.0	Arsenic	2	2.000	mg/kg		
SB104	46SB108	2/4/1997	19.0-20.0	Arsenic	7.9	7.900	mg/kg		
SB105	46SB115	9/18/1997	8.0-10.0	Arsenic	6.4	6.400	mg/kg		
SB105	46SB116	9/19/1997	10.0-12.0	Arsenic	3.1	3.100	mg/kg		
SB106	46SB117	9/19/1997	8.0-10.0	Arsenic	2.9	2.900	mg/kg		
SB108	46SB119	9/20/1997	8.0-10.0	Arsenic	1.3	1.300	mg/kg		
SB108	46SB120	9/20/1997	10.0-12.0	Arsenic	2	2.000	mg/kg		
SB109	46SB121	9/20/1997	8.0-10.0	Arsenic	3.5	3.500	mg/kg		
SB109	46SB122	9/20/1997	10.0-12.0	Arsenic	3.3	3.300	mg/kg		
SB110	46SB123	9/20/1997	8.0-10.0	Arsenic	3.3	3.300	mg/kg		
SB110	46SB124	9/20/1997	10.0-11.5	Arsenic	6.6	6.600	mg/kg		
SB111	46SB125	9/20/1997	8.0-10.0	Arsenic	4.6	4.600	mg/kg		
SB111	46SB126	9/20/1997	10.0-11.5	Arsenic	1.9	1.900	mg/kg		
SB112	46SB137	10/28/1998	0.0-2.0	Arsenic	5.5	5.500	mg/kg		
SB112	46SB138	10/28/1998	2.0-4.0	Arsenic	4.2	4.200	mg/kg		
SB112	46SB139	10/28/1998	4.0-6.0	Arsenic	5.8	5.800	mg/kg		
SB112	46SB140	10/28/1998	6.0-8.0	Arsenic	5.5	5.500	mg/kg		
SB112	46SB141	10/28/1998	8.0-10.0	Arsenic	2.3	2.300	mg/kg		
SB112	46SB142	10/28/1998	10.0-11.7	Arsenic	2.1	2.100	mg/kg		
SB113	46SB143	10/28/1998	0.0-2.0	Arsenic	3.8	3.800	mg/kg		
SB113	46SB144	10/28/1998	4.0-6.0	Arsenic	6.7	6.700	mg/kg		
SB113	46SB145	10/28/1998	6.0-8.0	Arsenic	3.0	3.000	mg/kg		
SB113	46SB146	10/28/1998	8.0-10.0	Arsenic	2.0	2.000	mg/kg		
SB113	46SB147	10/28/1998	10.0-11.7	Arsenic	11.6	11.600	mg/kg		
SB114	46SB148	10/28/1998	0.0-2.0	Arsenic	7.2	7.200	mg/kg		
SB114	46SB149	10/28/1998	4.0-6.0	Arsenic	7.4	7.400	mg/kg		
SB114	46SB150	10/28/1998	6.0-8.0	Arsenic	2.7	2.700	mg/kg		
SB114	46SB151	10/28/1998	8.0-10.0	Arsenic	2.5	2.500	mg/kg		
SB115	46SB152	10/28/1998	0.0-2.0	Arsenic	4.4	4.400	mg/kg		
SB115	46SB153	10/28/1998	2.0-4.0	Arsenic	4.8	4.800	mg/kg		
SB115	46SB154	10/28/1998	4.0-6.0	Arsenic	3.4	3.400	mg/kg		
SB115	46SB155	10/28/1998	6.0-8.0	Arsenic	1.1	1.100	mg/kg	B	B
SB115	46SB156	10/28/1998	8.0-10.0	Arsenic	8.4	8.400	mg/kg		
SB116	46SB157	10/28/1998	8.0-10.2	Arsenic	5.1	5.100	mg/kg		
SB117	46SB158	10/28/1998	0.0-2.0	Arsenic	4.0	4.000	mg/kg		
SB117	46SB159	10/29/1998	2.0-3.5	Arsenic	4.8	4.800	mg/kg		
SB117	46SB160	10/28/1998	4.0-6.0	Arsenic	4.4	4.400	mg/kg		
SB117	46SB161	10/29/1998	6.0-8.0	Arsenic	5.1	5.100	mg/kg		
SB117	46SB162	10/29/1998	8.0-10.0	Arsenic	4.0	4.000	mg/kg		
SB117	46SB163	10/29/1998	10.0-11.0	Arsenic	8.7	8.700	mg/kg		
SB118	46SB164	10/29/1998	0.0-2.0	Arsenic	5.2	5.200	mg/kg		
SB118	46SB165	10/29/1998	2.0-4.0	Arsenic	4.4	4.400	mg/kg		
SB118	46SB166	10/29/1998	4.0-6.0	Arsenic	6.2	6.200	mg/kg		

Arsenic UCL 95 Calculation for FH-046 Soil Samples

SB118	46SB167	10/28/1998	6.0-8.0	Arsenic	8.3	8.300 mg/kg
SB118	46SB168	10/29/1998	8.0-10.0	Arsenic	3.2	3.200 mg/kg
SB118	46SB169	10/29/1998	10.0-11.7	Arsenic	13.4	13.400 mg/kg
SB119	46SB170	10/29/1998	0.0-2.0	Arsenic	6.3	6.300 mg/kg
SB119	46SB171	10/29/1998	2.0-4.0	Arsenic	6.7	6.700 mg/kg
SB119	46SB172	10/29/1998	4.0-6.0	Arsenic	4.0	4.000 mg/kg
SB119	46SB173	10/29/1998	6.0-8.0	Arsenic	7.8	7.800 mg/kg
SB119	46SB174	10/29/1998	8.0-10.0	Arsenic	3.9	3.900 mg/kg
SB119	46SB175	10/29/1998	10.0-12.0	Arsenic	2.8	2.800 mg/kg
UST	46SB127	6/3/1998	5.0-5.5	Arsenic	5.5	5.500 mg/kg
UST	46SB128	6/3/1998	5.0-5.5	Arsenic	12	12.000 mg/kg
UST	46SB129	6/3/1998	5.0-5.5	Arsenic	10.5	10.500 mg/kg
UST	46SB130	6/3/1998	0.0-0.5	Arsenic	8.1	8.100 mg/kg
UST	46SB131	6/3/1998	5.0-5.5	Arsenic	9.6	9.600 mg/kg
UST	46SB132	6/3/1998	10.0-10.5	Arsenic	4.2	4.200 mg/kg
UST	46SB133	6/3/1998	10.0-11.0	Arsenic	4.1	4.100 mg/kg
UST	46SB134	6/3/1998	10.0-10.0	Arsenic	3.5	3.500 mg/kg
UST	46SB135	6/3/1998	10.0-10.0	Arsenic	3.7	3.700 mg/kg
UST	46SB136	6/3/1998	0.0-0.5	Arsenic	4.5	4.500 mg/kg

s	standard deviation
n	number of samples
t	critical value (tabulated)

Mean	5.01
s	2.62
n	74.00
t	1.6658
UCL95	5.51 mg/kg

Barium UCL 95 Calculation for FH-046 Soil Samples

STATION	SMP_ID	DATE_COL	DEPTH	PAR_NAME	RESULTS	REV_RESULT	UNITS	LABQUAL	DATAQUAL
SB101	46SB112	4/2/1997	0.5-2.0	Barium	102	102.000	mg/kg		
SB101	46SB113	4/3/1997	5.0-6.0	Barium	188	188.000	mg/kg		
SB101	46SB114	4/3/1997	10.0-11.0	Barium	20.8	20.800	mg/kg		
SB102	46SB109	2/5/1997	0.5-1.5	Barium	14.9	14.900	mg/kg		
SB102	46SB110	2/5/1997	4.0-5.0	Barium	44.2	44.200	mg/kg		
SB102	46SB111	2/5/1997	9.0-10.0	Barium	10.5	10.500	mg/kg		
SB103	46SB101	2/4/1997	4.0-5.0	Barium	73.7	73.700	mg/kg		
SB103	46SB102	2/4/1997	9.0-10.0	Barium	19.8	19.800	mg/kg		
SB103	46SB103	2/4/1997	15.5-16.5	Barium	9.6	9.600	mg/kg		
SB104	46SB104	2/4/1997	0.5-1.5	Barium	172	172.000	mg/kg		
SB104	46SB105	2/4/1997	4.0-5.0	Barium	76	76.000	mg/kg		
SB104	46SB106	2/4/1997	9.0-10.0	Barium	10.9	10.900	mg/kg		
SB104	46SB107	2/4/1997	14.0-15.0	Barium	12.5	12.500	mg/kg		
SB104	46SB108	2/4/1997	19.0-20.0	Barium	19	19.000	mg/kg		
SB105	46SB115	9/18/1997	8.0-10.0	Barium	41.9	41.900	mg/kg		
SB105	46SB116	9/19/1997	10.0-12.0	Barium	15.3	15.300	mg/kg		
SB106	46SB117	9/19/1997	8.0-10.0	Barium	28.4	28.400	mg/kg		
SB108	46SB119	9/20/1997	8.0-10.0	Barium	8	8.000	mg/kg		
SB108	46SB120	9/20/1997	10.0-12.0	Barium	9.4	9.400	mg/kg		
SB109	46SB121	9/20/1997	8.0-10.0	Barium	36.2	36.200	mg/kg		
SB109	46SB122	9/20/1997	10.0-12.0	Barium	13.5	13.500	mg/kg		
SB110	46SB123	9/20/1997	8.0-10.0	Barium	18.4	18.400	mg/kg		
SB110	46SB124	9/20/1997	10.0-11.5	Barium	19.5	19.500	mg/kg		
SB111	46SB125	9/20/1997	8.0-10.0	Barium	92.6	92.600	mg/kg		
SB111	46SB126	9/20/1997	10.0-11.5	Barium	11.9	11.900	mg/kg		
SB112	46SB137	10/28/1998	0.0-2.0	Barium	37.7	37.700	mg/kg		
SB112	46SB138	10/28/1998	2.0-4.0	Barium	56.8	56.800	mg/kg		
SB112	46SB139	10/28/1998	4.0-6.0	Barium	142	142.000	mg/kg		
SB112	46SB140	10/28/1998	6.0-8.0	Barium	127	127.000	mg/kg		
SB112	46SB141	10/28/1998	8.0-10.0	Barium	17.3	17.300	mg/kg		
SB112	46SB142	10/28/1998	10.0-11.7	Barium	9.3	9.300	mg/kg		
SB113	46SB143	10/28/1998	0.0-2.0	Barium	23.4	23.400	mg/kg		
SB113	46SB144	10/28/1998	4.0-6.0	Barium	158	158.000	mg/kg		
SB113	46SB145	10/28/1998	6.0-8.0	Barium	61.9	61.900	mg/kg		
SB113	46SB146	10/28/1998	8.0-10.0	Barium	12.7	12.700	mg/kg		
SB113	46SB147	10/28/1998	10.0-11.7	Barium	30.2	30.200	mg/kg		
SB114	46SB148	10/28/1998	0.0-2.0	Barium	55.7	55.700	mg/kg		
SB114	46SB149	10/28/1998	4.0-6.0	Barium	145	145.000	mg/kg	E	J
SB114	46SB150	10/28/1998	6.0-8.0	Barium	13.1	13.100	mg/kg	E	J
SB114	46SB151	10/28/1998	8.0-10.0	Barium	34.7	34.700	mg/kg	E	J
SB115	46SB152	10/28/1998	0.0-2.0	Barium	38.9	38.900	mg/kg	E	J
SB115	46SB153	10/28/1998	2.0-4.0	Barium	72.3	72.300	mg/kg	E	J
SB115	46SB154	10/28/1998	4.0-6.0	Barium	64.0	64.000	mg/kg	E	J
SB115	46SB155	10/28/1998	6.0-8.0	Barium	69.0	69.000	mg/kg	E	J
SB115	46SB156	10/28/1998	8.0-10.0	Barium	39.3	39.300	mg/kg	E	J
SB116	46SB157	10/28/1998	8.0-10.2	Barium	25.5	25.500	mg/kg	E	J
SB117	46SB158	10/28/1998	0.0-2.0	Barium	25.4	25.400	mg/kg	E	J
SB117	46SB159	10/29/1998	2.0-3.5	Barium	61.7	61.700	mg/kg	E	J
SB117	46SB160	10/28/1998	4.0-6.0	Barium	42.4	42.400	mg/kg	E	J
SB117	46SB161	10/29/1998	6.0-8.0	Barium	47.8	47.800	mg/kg	E	J
SB117	46SB162	10/29/1998	8.0-10.0	Barium	31.9	31.900	mg/kg	E	J
SB117	46SB163	10/29/1998	10.0-11.0	Barium	35.9	35.900	mg/kg	E	J
SB118	46SB164	10/29/1998	0.0-2.0	Barium	26.6	26.600	mg/kg	E	J
SB118	46SB165	10/29/1998	2.0-4.0	Barium	55.6	55.600	mg/kg	E	J
SB118	46SB166	10/29/1998	4.0-6.0	Barium	83.9	83.900	mg/kg	E	J

Barium UCL 95 Calculation for FH-046 Soil Samples

SB118	46SB167	10/28/1998	6.0-8.0	Barium	280	280.000	mg/kg	E	J
SB118	46SB168	10/29/1998	8.0-10.0	Barium	24.6	24.600	mg/kg	E	J
SB118	46SB169	10/29/1998	10.0-11.7	Barium	40.7	40.700	mg/kg		
SB119	46SB170	10/29/1998	0.0-2.0	Barium	70.0	70.000	mg/kg		
SB119	46SB171	10/29/1998	2.0-4.0	Barium	151	151.000	mg/kg		
SB119	46SB172	10/29/1998	4.0-6.0	Barium	43.2	43.200	mg/kg		
SB119	46SB173	10/29/1998	6.0-8.0	Barium	100	100.000	mg/kg		
SB119	46SB174	10/29/1998	8.0-10.0	Barium	30.0	30.000	mg/kg		
SB119	46SB175	10/29/1998	10.0-12.0	Barium	22.3	22.300	mg/kg		
UST	46SB127	6/3/1998	5.0-5.5	Barium	81.8	81.800	mg/kg		
UST	46SB128	6/3/1998	5.0-5.5	Barium	205	205.000	mg/kg		
UST	46SB129	6/3/1998	5.0-5.5	Barium	206	206.000	mg/kg		
UST	46SB130	6/3/1998	0.0-0.5	Barium	166	166.000	mg/kg		
UST	46SB131	6/3/1998	5.0-5.5	Barium	209	209.000	mg/kg		
UST	46SB132	6/3/1998	10.0-10.5	Barium	61.7	61.700	mg/kg		
UST	46SB133	6/3/1998	10.0-11.0	Barium	58.6	58.600	mg/kg		
UST	46SB134	6/3/1998	10.0-10.0	Barium	23	23.000	mg/kg		
UST	46SB135	6/3/1998	10.0-10.0	Barium	26.1	26.100	mg/kg		
UST	46SB136	6/3/1998	0.0-0.5	Barium	93.8	93.800	mg/kg		

s standard deviation
n number of samples
t critical value (tabulated)

Mean	62.25	
s	59.15	
n	74.00	
t	1.6658	
UCL95	73.71	mg/kg

Chromium UCL 95 Calculation for FH-046 Soil Samples

STATION	SMP_ID	DATE_COL	DEPTH	PAR_NAME	RESULTS	REV_RESULT	UNITS	LABQUAL	DATAQUAL
SB101	46SB112	4/2/1997	0.5-2.0	Chromium	17	17.000	mg/kg		
SB101	46SB113	4/3/1997	5.0-6.0	Chromium	24	24.000	mg/kg		
SB101	46SB114	4/3/1997	10.0-11.0	Chromium	7.8	7.800	mg/kg		
SB102	46SB109	2/5/1997	0.5-1.5	Chromium	2.8	2.800	mg/kg	E	J
SB102	46SB110	2/5/1997	4.0-5.0	Chromium	5.3	5.300	mg/kg	E	J
SB102	46SB111	2/5/1997	9.0-10.0	Chromium	3.3	3.300	mg/kg	E	J
SB103	46SB101	2/4/1997	4.0-5.0	Chromium	17.7	17.700	mg/kg		
SB103	46SB102	2/4/1997	9.0-10.0	Chromium	6.3	6.300	mg/kg		
SB103	46SB103	2/4/1997	15.5-16.5	Chromium	7.1	7.100	mg/kg		
SB104	46SB104	2/4/1997	0.5-1.5	Chromium	19.1	19.100	mg/kg		
SB104	46SB105	2/4/1997	4.0-5.0	Chromium	6.3	6.300	mg/kg		
SB104	46SB106	2/4/1997	9.0-10.0	Chromium	4.9	4.900	mg/kg		
SB104	46SB107	2/4/1997	14.0-15.0	Chromium	8.1	8.100	mg/kg		
SB104	46SB108	2/4/1997	19.0-20.0	Chromium	13.7	13.700	mg/kg		
SB105	46SB115	9/18/1997	8.0-10.0	Chromium	7.3	7.300	mg/kg	E	E
SB105	46SB116	9/19/1997	10.0-12.0	Chromium	3.3	3.300	mg/kg		
SB106	46SB117	9/19/1997	8.0-10.0	Chromium	6.3	6.300	mg/kg		
SB108	46SB119	9/20/1997	8.0-10.0	Chromium	3.3	3.300	mg/kg		
SB108	46SB120	9/20/1997	10.0-12.0	Chromium	3.4	3.400	mg/kg		
SB109	46SB121	9/20/1997	8.0-10.0	Chromium	6.2	6.200	mg/kg		
SB109	46SB122	9/20/1997	10.0-12.0	Chromium	4.2	4.200	mg/kg		
SB110	46SB123	9/20/1997	8.0-10.0	Chromium	6.4	6.400	mg/kg		
SB110	46SB124	9/20/1997	10.0-11.5	Chromium	5.8	5.800	mg/kg		
SB111	46SB125	9/20/1997	8.0-10.0	Chromium	9.8	9.800	mg/kg		
SB111	46SB126	9/20/1997	10.0-11.5	Chromium	3.8	3.800	mg/kg		
SB112	46SB137	10/28/1998	0.0-2.0	Chromium	5.0	5.000	mg/kg		
SB112	46SB138	10/28/1998	2.0-4.0	Chromium	6.5	6.500	mg/kg		
SB112	46SB139	10/28/1998	4.0-6.0	Chromium	11.8	11.800	mg/kg		
SB112	46SB140	10/28/1998	6.0-8.0	Chromium	9.0	9.000	mg/kg		
SB112	46SB141	10/28/1998	8.0-10.0	Chromium	2.7	2.700	mg/kg		
SB112	46SB142	10/28/1998	10.0-11.7	Chromium	2.3	2.300	mg/kg		
SB113	46SB143	10/28/1998	0.0-2.0	Chromium	3.3	3.300	mg/kg		
SB113	46SB144	10/28/1998	4.0-6.0	Chromium	13.3	13.300	mg/kg		
SB113	46SB145	10/28/1998	6.0-8.0	Chromium	4.7	4.700	mg/kg		
SB113	46SB146	10/28/1998	8.0-10.0	Chromium	2.5	2.500	mg/kg		
SB113	46SB147	10/28/1998	10.0-11.7	Chromium	5.1	5.100	mg/kg		
SB114	46SB148	10/28/1998	0.0-2.0	Chromium	7.4	7.400	mg/kg		
SB114	46SB149	10/28/1998	4.0-6.0	Chromium	15.3	15.300	mg/kg		
SB114	46SB150	10/28/1998	6.0-8.0	Chromium	2.4	2.400	mg/kg		
SB114	46SB151	10/28/1998	8.0-10.0	Chromium	5.7	5.700	mg/kg		
SB115	46SB152	10/28/1998	0.0-2.0	Chromium	9.5	9.500	mg/kg		
SB115	46SB153	10/28/1998	2.0-4.0	Chromium	6.7	6.700	mg/kg		
SB115	46SB154	10/28/1998	4.0-6.0	Chromium	7.3	7.300	mg/kg		
SB115	46SB155	10/28/1998	6.0-8.0	Chromium	4.4	4.400	mg/kg		
SB115	46SB156	10/28/1998	8.0-10.0	Chromium	3.7	3.700	mg/kg		
SB116	46SB157	10/28/1998	8.0-10.2	Chromium	3.8	3.800	mg/kg		
SB117	46SB158	10/28/1998	0.0-2.0	Chromium	5.1	5.100	mg/kg		
SB117	46SB159	10/29/1998	2.0-3.5	Chromium	8.9	8.900	mg/kg		
SB117	46SB160	10/28/1998	4.0-6.0	Chromium	6.0	6.000	mg/kg		
SB117	46SB161	10/29/1998	6.0-8.0	Chromium	12.8	12.800	mg/kg		
SB117	46SB162	10/29/1998	8.0-10.0	Chromium	3.8	3.800	mg/kg		
SB117	46SB163	10/29/1998	10.0-11.0	Chromium	4.2	4.200	mg/kg		
SB118	46SB164	10/29/1998	0.0-2.0	Chromium	5.6	5.600	mg/kg		
SB118	46SB165	10/29/1998	2.0-4.0	Chromium	6.4	6.400	mg/kg		
SB118	46SB166	10/29/1998	4.0-6.0	Chromium	10.6	10.600	mg/kg		

Chromium UCL 95 Calculation for FH-046 Soil Samples

SB118	46SB167	10/28/1998	6.0-8.0	Chromium	14.4	14.400 mg/kg
SB118	46SB168	10/29/1998	8.0-10.0	Chromium	4.1	4.100 mg/kg
SB118	46SB169	10/29/1998	10.0-11.7	Chromium	9.3	9.300 mg/kg
SB119	46SB170	10/29/1998	0.0-2.0	Chromium	11.8	11.800 mg/kg
SB119	46SB171	10/29/1998	2.0-4.0	Chromium	16.2	16.200 mg/kg
SB119	46SB172	10/29/1998	4.0-6.0	Chromium	6.5	6.500 mg/kg
SB119	46SB173	10/29/1998	6.0-8.0	Chromium	14.1	14.100 mg/kg
SB119	46SB174	10/29/1998	8.0-10.0	Chromium	3.6	3.600 mg/kg
SB119	46SB175	10/29/1998	10.0-12.0	Chromium	3.5	3.500 mg/kg
UST	46SB127	6/3/1998	5.0-5.5	Chromium	15.1	15.100 mg/kg
UST	46SB128	6/3/1998	5.0-5.5	Chromium	21.3	21.300 mg/kg
UST	46SB129	6/3/1998	5.0-5.5	Chromium	27	27.000 mg/kg
UST	46SB130	6/3/1998	0.0-0.5	Chromium	18.9	18.900 mg/kg
UST	46SB131	6/3/1998	5.0-5.5	Chromium	30.3	30.300 mg/kg
UST	46SB132	6/3/1998	10.0-10.5	Chromium	9.6	9.600 mg/kg
UST	46SB133	6/3/1998	10.0-11.0	Chromium	11.1	11.100 mg/kg
UST	46SB134	6/3/1998	10.0-10.0	Chromium	6.2	6.200 mg/kg
UST	46SB135	6/3/1998	10.0-10.0	Chromium	6.3	6.300 mg/kg
UST	46SB136	6/3/1998	0.0-0.5	Chromium	16.4	16.400 mg/kg

s standard deviation
n number of samples
t critical value (tabulated)

Mean	8.71	
s	6.04	
n	74.00	
t	1.6658	
UCL95	9.88	mg/kg

Lead UCL 95 Calculation for FH-046 Soil Samples

STATION	SMP_ID	DATE_COL	DEPTH	PAR_NAME	RESULTS	REV_RESULT	UNITS	LABQUAL	DATAQUAL
SB101	46SB112	4/2/1997	0.5-2.0	Lead	9.1	9.100	mg/kg	N*	J
SB101	46SB113	4/3/1997	5.0-6.0	Lead	16.1	16.100	mg/kg	N*	J
SB101	46SB114	4/3/1997	10.0-11.0	Lead	1.8	1.800	mg/kg	N*	J
SB102	46SB109	2/5/1997	0.5-1.5	Lead	5.9	5.900	mg/kg	N	J
SB102	46SB110	2/5/1997	4.0-5.0	Lead	3.5	3.500	mg/kg	N	J
SB102	46SB111	2/5/1997	9.0-10.0	Lead	2.4	2.400	mg/kg	N	J
SB103	46SB101	2/4/1997	4.0-5.0	Lead	121	121.000	mg/kg	E	J
SB103	46SB102	2/4/1997	9.0-10.0	Lead	3.8	3.800	mg/kg	E	J
SB103	46SB103	2/4/1997	15.5-16.5	Lead	3.5	3.500	mg/kg	E	J
SB104	46SB104	2/4/1997	0.5-1.5	Lead	19.5	19.500	mg/kg	E	J
SB104	46SB105	2/4/1997	4.0-5.0	Lead	3.6	3.600	mg/kg	E	J
SB104	46SB106	2/4/1997	9.0-10.0	Lead	3.1	3.100	mg/kg	E	J
SB104	46SB107	2/4/1997	14.0-15.0	Lead	2.8	2.800	mg/kg	E	J
SB104	46SB108	2/4/1997	19.0-20.0	Lead	5	5.000	mg/kg	E	J
SB105	46SB115	9/18/1997	8.0-10.0	Lead	4.5	4.500	mg/kg		
SB105	46SB116	9/19/1997	10.0-12.0	Lead	1.9	1.900	mg/kg	E	J
SB106	46SB117	9/19/1997	8.0-10.0	Lead	1.1	1.100	mg/kg	E	J
SB108	46SB119	9/20/1997	8.0-10.0	Lead	0.96	0.960	mg/kg	E	J
SB108	46SB120	9/20/1997	10.0-12.0	Lead	1.3	1.300	mg/kg	E	J
SB109	46SB121	9/20/1997	8.0-10.0	Lead	1.9	1.900	mg/kg	E	J
SB109	46SB122	9/20/1997	10.0-12.0	Lead	1.5	1.500	mg/kg	E	J
SB110	46SB123	9/20/1997	8.0-10.0	Lead	2.2	2.200	mg/kg	E	J
SB110	46SB124	9/20/1997	10.0-11.5	Lead	3.3	3.300	mg/kg	E	J
SB111	46SB125	9/20/1997	8.0-10.0	Lead	3.1	3.100	mg/kg	E	J
SB111	46SB126	9/20/1997	10.0-11.5	Lead	1.6	1.600	mg/kg	E	J
SB112	46SB137	10/28/1998	0.0-2.0	Lead	7.9	7.900	mg/kg		
SB112	46SB138	10/28/1998	2.0-4.0	Lead	4.9	4.900	mg/kg		
SB112	46SB139	10/28/1998	4.0-6.0	Lead	14.9	14.900	mg/kg		
SB112	46SB140	10/28/1998	6.0-8.0	Lead	8.1	8.100	mg/kg		
SB112	46SB141	10/28/1998	8.0-10.0	Lead	1.2	1.200	mg/kg		
SB112	46SB142	10/28/1998	10.0-11.7	Lead	1.3	1.300	mg/kg		
SB113	46SB143	10/28/1998	0.0-2.0	Lead	2.5	2.500	mg/kg		
SB113	46SB144	10/28/1998	4.0-6.0	Lead	11.7	11.700	mg/kg		
SB113	46SB145	10/28/1998	6.0-8.0	Lead	2.4	2.400	mg/kg		
SB113	46SB146	10/28/1998	8.0-10.0	Lead	1.0	1.000	mg/kg		
SB113	46SB147	10/28/1998	10.0-11.7	Lead	6.8	6.800	mg/kg		
SB114	46SB148	10/28/1998	0.0-2.0	Lead	16.5	16.500	mg/kg	E	J
SB114	46SB149	10/28/1998	4.0-6.0	Lead	12.7	12.700	mg/kg		
SB114	46SB150	10/28/1998	6.0-8.0	Lead	0.94	0.940	mg/kg		
SB114	46SB151	10/28/1998	8.0-10.0	Lead	4.1	4.100	mg/kg		
SB115	46SB152	10/28/1998	0.0-2.0	Lead	34.7	34.700	mg/kg		
SB115	46SB153	10/28/1998	2.0-4.0	Lead	4.9	4.900	mg/kg		
SB115	46SB154	10/28/1998	4.0-6.0	Lead	3.9	3.900	mg/kg		
SB115	46SB155	10/28/1998	6.0-8.0	Lead	2.1	2.100	mg/kg		
SB115	46SB156	10/28/1998	8.0-10.0	Lead	4.5	4.500	mg/kg		
SB116	46SB157	10/28/1998	8.0-10.2	Lead	3.0	3.000	mg/kg		
SB117	46SB158	10/28/1998	0.0-2.0	Lead	4.8	4.800	mg/kg		
SB117	46SB159	10/29/1998	2.0-3.5	Lead	4.8	4.800	mg/kg		
SB117	46SB160	10/28/1998	4.0-6.0	Lead	3.6	3.600	mg/kg		
SB117	46SB161	10/29/1998	6.0-8.0	Lead	13.5	13.500	mg/kg		
SB117	46SB162	10/29/1998	8.0-10.0	Lead	2.0	2.000	mg/kg		
SB117	46SB163	10/29/1998	10.0-11.0	Lead	4.4	4.400	mg/kg		
SB118	46SB164	10/29/1998	0.0-2.0	Lead	3.4	3.400	mg/kg		
SB118	46SB165	10/29/1998	2.0-4.0	Lead	4.7	4.700	mg/kg		
SB118	46SB166	10/29/1998	4.0-6.0	Lead	9.0	9.000	mg/kg		

Lead UCL 95 Calculation for FH-046 Soil Samples

SB118	46SB167	10/28/1998	6.0-8.0	Lead	13.1	13.100	mg/kg		
SB118	46SB168	10/29/1998	8.0-10.0	Lead	1.5	1.500	mg/kg		
SB118	46SB169	10/29/1998	10.0-11.7	Lead	6.6	6.600	mg/kg	E	J
SB119	46SB170	10/29/1998	0.0-2.0	Lead	25.1	25.100	mg/kg	E	J
SB119	46SB171	10/29/1998	2.0-4.0	Lead	16.4	16.400	mg/kg	E	J
SB119	46SB172	10/29/1998	4.0-6.0	Lead	3.9	3.900	mg/kg	E	J
SB119	46SB173	10/29/1998	6.0-8.0	Lead	10.3	10.300	mg/kg	E	J
SB119	46SB174	10/29/1998	8.0-10.0	Lead	1.4	1.400	mg/kg	E	J
SB119	46SB175	10/29/1998	10.0-12.0	Lead	1.5	1.500	mg/kg	E	J
UST	46SB127	6/3/1998	5.0-5.5	Lead	13.5	13.500	mg/kg	N*	J
UST	46SB128	6/3/1998	5.0-5.5	Lead	16.4	16.400	mg/kg	N*	J
UST	46SB129	6/3/1998	5.0-5.5	Lead	15.9	15.900	mg/kg	N*	J
UST	46SB130	6/3/1998	0.0-0.5	Lead	18.7	18.700	mg/kg	N*	J
UST	46SB131	6/3/1998	5.0-5.5	Lead	17.7	17.700	mg/kg	N*	J
UST	46SB132	6/3/1998	10.0-10.5	Lead	7.2	7.200	mg/kg	N*	J
UST	46SB133	6/3/1998	10.0-11.0	Lead	6.9	6.900	mg/kg	N*	J
UST	46SB134	6/3/1998	10.0-10.0	Lead	2.6	2.600	mg/kg	N*	J
UST	46SB135	6/3/1998	10.0-10.0	Lead	4.2	4.200	mg/kg	N*	J
UST	46SB136	6/3/1998	0.0-0.5	Lead	560	560.000	mg/kg	N*	J

s standard deviation
n number of samples
t critical value (tabulated)

Mean	15.78	
s	65.81	
n	74.00	
t	1.6658	
UCL95	28.52	mg/kg

Mercury UCL 95 Calculation for FH-046 Soil Samples

STATION	SMP_ID	DATE_COL	DEPTH	PAR_NAME	RESULTS	REV_RESULT	UNITS	LABQUAL	DATAQUAL
SB101	46SB112	4/2/1997	0.5-2.0	Mercury	0.04	0.020	mg/kg	U	U
SB101	46SB113	4/3/1997	5.0-6.0	Mercury	0.05	0.025	mg/kg	U	U
SB101	46SB114	4/3/1997	10.0-11.0	Mercury	0.04	0.020	mg/kg	U	U
SB102	46SB109	2/5/1997	0.5-1.5	Mercury	0.04	0.020	mg/kg	UN	UJ
SB102	46SB110	2/5/1997	4.0-5.0	Mercury	0.04	0.020	mg/kg	UN	UJ
SB102	46SB111	2/5/1997	9.0-10.0	Mercury	0.04	0.020	mg/kg	UN	UJ
SB103	46SB101	2/4/1997	4.0-5.0	Mercury	0.17	0.170	mg/kg		
SB103	46SB102	2/4/1997	9.0-10.0	Mercury	0.04	0.020	mg/kg	U	U
SB103	46SB103	2/4/1997	15.5-16.5	Mercury	0.04	0.020	mg/kg	U	U
SB104	46SB104	2/4/1997	0.5-1.5	Mercury	0.05	0.025	mg/kg	U	U
SB104	46SB105	2/4/1997	4.0-5.0	Mercury	0.04	0.020	mg/kg	U	U
SB104	46SB106	2/4/1997	9.0-10.0	Mercury	0.04	0.020	mg/kg	U	U
SB104	46SB107	2/4/1997	14.0-15.0	Mercury	0.04	0.020	mg/kg	U	U
SB104	46SB108	2/4/1997	19.0-20.0	Mercury	0.04	0.020	mg/kg	U	U
SB105	46SB115	9/18/1997	8.0-10.0	Mercury	0.04	0.020	mg/kg	U	U
SB105	46SB116	9/19/1997	10.0-12.0	Mercury	0.04	0.020	mg/kg	U	U
SB106	46SB117	9/19/1997	8.0-10.0	Mercury	0.04	0.020	mg/kg	U	U
SB108	46SB119	9/20/1997	8.0-10.0	Mercury	0.03	0.015	mg/kg	U	U
SB108	46SB120	9/20/1997	10.0-12.0	Mercury	0.03	0.015	mg/kg	U	U
SB109	46SB121	9/20/1997	8.0-10.0	Mercury	0.04	0.020	mg/kg	U	U
SB109	46SB122	9/20/1997	10.0-12.0	Mercury	0.04	0.020	mg/kg	U	U
SB110	46SB123	9/20/1997	8.0-10.0	Mercury	0.04	0.020	mg/kg	U	U
SB110	46SB124	9/20/1997	10.0-11.5	Mercury	0.04	0.020	mg/kg	U	U
SB111	46SB125	9/20/1997	8.0-10.0	Mercury	0.04	0.020	mg/kg	U	U
SB111	46SB126	9/20/1997	10.0-11.5	Mercury	0.04	0.020	mg/kg	U	U
SB112	46SB137	10/28/1998	0.0-2.0	Mercury	0.04	0.020	mg/kg	U	
SB112	46SB138	10/28/1998	2.0-4.0	Mercury	0.04	0.020	mg/kg	U	U
SB112	46SB139	10/28/1998	4.0-6.0	Mercury	0.05	0.025	mg/kg	U	U
SB112	46SB140	10/28/1998	6.0-8.0	Mercury	0.04	0.020	mg/kg	U	U
SB112	46SB141	10/28/1998	8.0-10.0	Mercury	0.04	0.020	mg/kg	U	U
SB112	46SB142	10/28/1998	10.0-11.7	Mercury	0.04	0.020	mg/kg	U	U
SB113	46SB143	10/28/1998	0.0-2.0	Mercury	0.04	0.020	mg/kg	U	U
SB113	46SB144	10/28/1998	4.0-6.0	Mercury	0.05	0.025	mg/kg	U	U
SB113	46SB145	10/28/1998	6.0-8.0	Mercury	0.04	0.020	mg/kg	U	U
SB113	46SB146	10/28/1998	8.0-10.0	Mercury	0.03	0.015	mg/kg	U	U
SB113	46SB147	10/28/1998	10.0-11.7	Mercury	0.04	0.020	mg/kg	U	U
SB114	46SB148	10/28/1998	0.0-2.0	Mercury	0.04	0.020	mg/kg	U	U
SB114	46SB149	10/28/1998	4.0-6.0	Mercury	0.043	0.022	mg/kg	U	U
SB114	46SB150	10/28/1998	6.0-8.0	Mercury	0.93	0.930	mg/kg		
SB114	46SB151	10/28/1998	8.0-10.0	Mercury	0.040	0.020	mg/kg	U	U
SB115	46SB152	10/28/1998	0.0-2.0	Mercury	0.037	0.019	mg/kg	U	U
SB115	46SB153	10/28/1998	2.0-4.0	Mercury	0.040	0.020	mg/kg	U	U
SB115	46SB154	10/28/1998	4.0-6.0	Mercury	0.038	0.019	mg/kg	U	U
SB115	46SB155	10/28/1998	6.0-8.0	Mercury	0.038	0.019	mg/kg	U	U
SB115	46SB156	10/28/1998	8.0-10.0	Mercury	0.042	0.021	mg/kg	U	U
SB116	46SB157	10/28/1998	8.0-10.2	Mercury	0.037	0.019	mg/kg	U	U
SB117	46SB158	10/28/1998	0.0-2.0	Mercury	0.040	0.020	mg/kg	U	U
SB117	46SB159	10/29/1998	2.0-3.5	Mercury	0.036	0.018	mg/kg	U	U
SB117	46SB160	10/28/1998	4.0-6.0	Mercury	0.037	0.019	mg/kg	U	U
SB117	46SB161	10/29/1998	6.0-8.0	Mercury	0.037	0.019	mg/kg	U	U
SB117	46SB162	10/29/1998	8.0-10.0	Mercury	0.038	0.019	mg/kg	U	U
SB117	46SB163	10/29/1998	10.0-11.0	Mercury	0.035	0.018	mg/kg	U	U
SB118	46SB164	10/29/1998	0.0-2.0	Mercury	0.038	0.019	mg/kg	U	U
SB118	46SB165	10/29/1998	2.0-4.0	Mercury	0.041	0.021	mg/kg	U	U
SB118	46SB166	10/29/1998	4.0-6.0	Mercury	0.039	0.020	mg/kg	U	U

Mercury UCL 95 Calculation for FH-046 Soil Samples

SB118	46SB167	10/28/1998	6.0-8.0	Mercury	0.041	0.021 mg/kg	U	U
SB118	46SB168	10/29/1998	8.0-10.0	Mercury	0.041	0.021 mg/kg	U	U
SB118	46SB169	10/29/1998	10.0-11.7	Mercury	0.04	0.020 mg/kg	U	U
SB119	46SB170	10/29/1998	0.0-2.0	Mercury	0.04	0.020 mg/kg	U	U
SB119	46SB171	10/29/1998	2.0-4.0	Mercury	0.04	0.020 mg/kg	U	U
SB119	46SB172	10/29/1998	4.0-6.0	Mercury	0.04	0.020 mg/kg	U	U
SB119	46SB173	10/29/1998	6.0-8.0	Mercury	0.04	0.020 mg/kg	U	U
SB119	46SB174	10/29/1998	8.0-10.0	Mercury	0.04	0.020 mg/kg	U	U
SB119	46SB175	10/29/1998	10.0-12.0	Mercury	0.04	0.020 mg/kg	U	U
UST	46SB127	6/3/1998	5.0-5.5	Mercury	0.04	0.020 mg/kg	NU	UJ
UST	46SB128	6/3/1998	5.0-5.5	Mercury	0.04	0.020 mg/kg	NU	UJ
UST	46SB129	6/3/1998	5.0-5.5	Mercury	0.04	0.020 mg/kg	NU	UJ
UST	46SB130	6/3/1998	0.0-0.5	Mercury	0.04	0.020 mg/kg	NU	UJ
UST	46SB131	6/3/1998	5.0-5.5	Mercury	0.04	0.020 mg/kg	NU	UJ
UST	46SB132	6/3/1998	10.0-10.5	Mercury	0.04	0.020 mg/kg	NU	UJ
UST	46SB133	6/3/1998	10.0-11.0	Mercury	0.04	0.020 mg/kg	NU	UJ
UST	46SB134	6/3/1998	10.0-10.0	Mercury	0.04	0.020 mg/kg	NU	UJ
UST	46SB135	6/3/1998	10.0-10.0	Mercury	0.04	0.020 mg/kg	NU	UJ
UST	46SB136	6/3/1998	0.0-0.5	Mercury	0.24	0.120 mg/kg	N	UJ

s standard deviation
n number of samples
t critical value (tabulated)

Mean	0.04
s	0.11
n	74.00
t	1.6658
UCL95	0.06 mg/kg

APPENDIX G

FH-046 Screening Results

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB101	46SB112	0.5-2.0	Arsenic	6.5		0.4	mg/kg	Soil Background	9.2	mg/kg
			Barium	102		0.08	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.15		0.06	mg/kg	Soil Background	0.67	mg/kg
			Chromium	17		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	9.1	J	0.23	mg/kg	Soil Background	19	mg/kg
	46SB113	5.0-6.0	Arsenic	9.9		0.45	mg/kg	Soil Background	9.2	mg/kg
			Barium	188		0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.11		0.07	mg/kg	Soil Background	0.67	mg/kg
			Chromium	24		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	16.1	J	0.26	mg/kg	Soil Background	19	mg/kg
			Trichloroethene	0.014		0.007	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
	46SB114	10.0-11.0	Arsenic	2.5		0.35	mg/kg	Soil Background	9.2	mg/kg
			Barium	20.8		0.07	mg/kg	Soil Background	157.3	mg/kg
			Chromium	7.8		0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.8	J	0.2	mg/kg	Soil Background	19	mg/kg
			Naphthalene	0.023		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			tert-Butylbenzene	0.011		0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
SB102	46SB109	0.5-1.5	Arsenic	4.8		0.35	mg/kg	Soil Background	9.2	mg/kg
			Barium	14.9		0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.19	J	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	2.8	J	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	5.9	J	0.15	mg/kg	Soil Background	19	mg/kg
			Methylene Chloride	0.015		0.005	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB102	46SB110	4.0-5.0	Arsenic	2.8		0.39	mg/kg	Soil Background	9.2	mg/kg
			Barium	44.2		0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.15	J	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5.3	J	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.5	J	0.17	mg/kg	Soil Background	19	mg/kg
			2-Methylnaphthalene	1.2		0.39	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	409	mg/kg
			Methylene Chloride	0.016		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
			Naphthalene	0.05		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
	46SB111	9.0-10.0	Arsenic	3.5		0.38	mg/kg	Soil Background	9.2	mg/kg
			Barium	10.5		0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.1	J	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	3.3	J	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.4	J	0.16	mg/kg	Soil Background	19	mg/kg
			Methylene Chloride	0.008		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
SB103	46SB101	4.0-5.0	Arsenic	2.8		0.38	mg/kg	Soil Background	9.2	mg/kg
			Barium	73.7		0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.23		0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	17.7		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	121	J	0.16	mg/kg	Soil Background	19	mg/kg
			Mercury	0.17		0.04	mg/kg	30 TAC 335 Industrial Soil GWP	0.2	mg/kg
			2-Butanone	0.01		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
			Naphthalene	0.008		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result	PQL	Units	Screening Criteria	Screening Value	Units
SB103	46SB102	9.0-10.0	Arsenic	5.5	0.37	mg/kg	Soil Background	9.2	mg/kg
			Barium	19.8	0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.05	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.3	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.8 J	0.16	mg/kg	Soil Background	19	mg/kg
	46SB103	15.5-16.5	Arsenic	2.2	0.36	mg/kg	Soil Background	9.2	mg/kg
			Barium	9.6	0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.07	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	7.1	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.5 J	0.15	mg/kg	Soil Background	19	mg/kg
SB104	46SB104	0.5-1.5	Arsenic	6.8	0.45	mg/kg	Soil Background	9.2	mg/kg
			Barium	172	0.11	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.28	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	19.1	0.11	mg/kg	Soil Background	24.9	mg/kg
			Lead	19.5 J	0.19	mg/kg	Soil Background	19	mg/kg
			2-Butanone	0.011	0.007	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
	46SB105	4.0-5.0	Arsenic	3.4	0.39	mg/kg	Soil Background	9.2	mg/kg
			Barium	76	0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.15	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.3	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.6 J	0.16	mg/kg	Soil Background	19	mg/kg
			2-Butanone	0.053	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result	PQL	Units	Screening Criteria	Screening Value	Units
SB104	46SB106	9.0-10.0	Arsenic	2.6	0.36	mg/kg	Soil Background	9.2	mg/kg
			Barium	10.9	0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.09	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	4.9	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.1 J	0.15	mg/kg	Soil Background	19	mg/kg
			2-Butanone	0.009	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
	46SB107	14.0-15.0	Arsenic	2	0.36	mg/kg	Soil Background	9.2	mg/kg
			Barium	12.5	0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.05	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	8.1	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.8 J	0.15	mg/kg	Soil Background	19	mg/kg
	46SB108	19.0-20.0	Arsenic	7.9	0.37	mg/kg	Soil Background	9.2	mg/kg
			Barium	19	0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.08	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	13.7	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	5 J	0.16	mg/kg	Soil Background	19	mg/kg
			2-Butanone	0.012	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
	FHGW120	--	Barium	0.103	0.0003	mg/l	30 TAC 335 Groundwater	2.0	mg/l
			Lead	0.0021	0.0017	mg/l	30 TAC 335 Groundwater	0.015	mg/l
SB105	46SB115	8.0-10.0	Arsenic	6.4	0.34	mg/kg	Soil Background	9.2	mg/kg
			Barium	41.9	0.066	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.34	0.055	mg/kg	Soil Background	0.67	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB105	46SB115	8.0-10.0	Chromium	7.3	E	0.077	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.5		0.2	mg/kg	Soil Background	19	mg/kg
	46SB116	10.0-12.0	Arsenic	3.1		0.34	mg/kg	Soil Background	9.2	mg/kg
			Barium	15.3		0.066	mg/kg	Soil Background	157.3	mg/kg
			Chromium	3.3		0.077	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.9	J	0.2	mg/kg	Soil Background	19	mg/kg
SB106	46SB117	8.0-10.0	Arsenic	2.9		0.34	mg/kg	Soil Background	9.2	mg/kg
			Barium	28.4		0.065	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.06		0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.3		0.076	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.1	J	0.2	mg/kg	Soil Background	19	mg/kg
SB108	46SB119	8.0-10.0	Arsenic	1.3		0.33	mg/kg	Soil Background	9.2	mg/kg
			Barium	8		0.064	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.11		0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	3.3		0.075	mg/kg	Soil Background	24.9	mg/kg
			Lead	0.96	J	0.19	mg/kg	Soil Background	19	mg/kg
	46SB120	10.0-12.0	Arsenic	2		0.33	mg/kg	Soil Background	9.2	mg/kg
			Barium	9.4		0.064	mg/kg	Soil Background	157.3	mg/kg
			Chromium	3.4		0.075	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.3	J	0.19	mg/kg	Soil Background	19	mg/kg
SB109	46SB121	8.0-10.0	Arsenic	3.5		0.36	mg/kg	Soil Background	9.2	mg/kg
			Barium	36.2		0.07	mg/kg	Soil Background	157.3	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result	PQL	Units	Screening Criteria	Screening Value	Units
SB109	46SB121	8.0-10.0	Cadmium	0.16	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.2	0.081	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.9 J	0.21	mg/kg	Soil Background	19	mg/kg
	46SB122	10.0-12.0	Arsenic	3.3	0.36	mg/kg	Soil Background	9.2	mg/kg
			Barium	13.5	0.069	mg/kg	Soil Background	157.3	mg/kg
			Chromium	4.2	0.081	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.5 J	0.21	mg/kg	Soil Background	19	mg/kg
SB110	46SB123	8.0-10.0	Arsenic	3.3	0.36	mg/kg	Soil Background	9.2	mg/kg
			Barium	18.4	0.07	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.11	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.4	0.082	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.2 J	0.22	mg/kg	Soil Background	19	mg/kg
	46SB124	10.0-11.5	Arsenic	6.6	0.34	mg/kg	Soil Background	9.2	mg/kg
			Barium	19.5	0.066	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.06	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5.8	0.077	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.3 J	0.2	mg/kg	Soil Background	19	mg/kg
SB111	46SB125	8.0-10.0	Arsenic	4.6	0.37	mg/kg	Soil Background	9.2	mg/kg
			Barium	92.6	0.071	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.16	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	9.8	0.083	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.1 J	0.22	mg/kg	Soil Background	19	mg/kg
	46SB126	10.0-11.5	Arsenic	1.9	0.33	mg/kg	Soil Background	9.2	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB111	46SB126	10.0-11.5	Barium	11.9		0.065	mg/kg	Soil Background	157.3	mg/kg
			Chromium	3.8		0.075	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.6	J	0.2	mg/kg	Soil Background	19	mg/kg
SB112	46SB137	0.0-2.0	Arsenic	5.5		0.23	mg/kg	Soil Background	9.2	mg/kg
			Barium	37.7		0.16	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.1	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	7.9		0.18	mg/kg	Soil Background	19	mg/kg
	46SB138	2.0-4.0	Arsenic	4.2		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	56.8		0.16	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.19	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.5		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.9		0.17	mg/kg	Soil Background	19	mg/kg
	46SB139	4.0-6.0	Arsenic	5.8		0.24	mg/kg	Soil Background	9.2	mg/kg
			Barium	142		0.18	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.25	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	11.8		0.11	mg/kg	Soil Background	24.9	mg/kg
			Lead	14.9		0.19	mg/kg	Soil Background	19	mg/kg
	46SB140	6.0-8.0	Arsenic	5.5		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	127		0.16	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.13	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	9		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	8.1		0.17	mg/kg	Soil Background	19	mg/kg
	46SB141	8.0-10.0	Arsenic	2.3		0.2	mg/kg	Soil Background	9.2	mg/kg
			Barium	17.3		0.14	mg/kg	Soil Background	157.3	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB112	46SB141	8.0-10.0	Cadmium	0.09	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	2.7		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.2		0.16	mg/kg	Soil Background	19	mg/kg
	46SB142	10.0-11.7	Arsenic	2.1		0.21	mg/kg	Soil Background	9.2	mg/kg
			Barium	9.3		0.15	mg/kg	Soil Background	157.3	mg/kg
			Chromium	2.3		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.3		0.16	mg/kg	Soil Background	19	mg/kg
SB113	46SB143	0.0-2.0	Arsenic	3.8		0.21	mg/kg	Soil Background	9.2	mg/kg
			Barium	23.4		0.15	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.12	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	3.3		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.5		0.16	mg/kg	Soil Background	19	mg/kg
	46SB144	4.0-6.0	Arsenic	6.7		0.24	mg/kg	Soil Background	9.2	mg/kg
			Barium	158		0.17	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.18	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	13.3		0.11	mg/kg	Soil Background	24.9	mg/kg
			Lead	11.7		0.19	mg/kg	Soil Background	19	mg/kg
	46SB145	6.0-8.0	Arsenic	3		0.21	mg/kg	Soil Background	9.2	mg/kg
			Barium	61.9		0.15	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.08	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	4.7		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.4		0.16	mg/kg	Soil Background	19	mg/kg
	46SB146	8.0-10.0	Arsenic	2		0.19	mg/kg	Soil Background	9.2	mg/kg
			Barium	12.7		0.13	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.08	B	0.03	mg/kg	Soil Background	0.67	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB113	46SB146	8.0-10.0	Chromium	2.5		0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	1		0.14	mg/kg	Soil Background	19	mg/kg
	46SB147	10.0-11.7	Arsenic	11.6		0.21	mg/kg	Soil Background	9.2	mg/kg
			Barium	30.2		0.15	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.11	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5.1		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	6.8		0.16	mg/kg	Soil Background	19	mg/kg
SB114	46SB148	0.0-2.0	Arsenic	7.2		0.58	mg/kg	Soil Background	9.2	mg/kg
			Barium	55.7		0.12	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.26		0.12	mg/kg	Soil Background	0.67	mg/kg
			Chromium	7.4		0.12	mg/kg	Soil Background	24.9	mg/kg
			Lead	16.5	J	0.23	mg/kg	Soil Background	19	mg/kg
	46SB149	4.0-6.0	Arsenic	7.4		0.23	mg/kg	Soil Background	9.2	mg/kg
			Barium	145	J	0.17	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.24	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	15.3		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	12.7		0.18	mg/kg	Soil Background	19	mg/kg
	46SB150	6.0-8.0	Arsenic	2.7		0.19	mg/kg	Soil Background	9.2	mg/kg
			Barium	13.1	J	0.14	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.09	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	2.4		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	0.94		0.15	mg/kg	Soil Background	19	mg/kg
			Mercury	0.93		0.036	mg/kg	30 TAC 335 Industrial Soil GWP	0.2	mg/kg
	46SB151	8.0-10.0	Arsenic	2.5		0.21	mg/kg	Soil Background	9.2	mg/kg
			Barium	34.7	J	0.15	mg/kg	Soil Background	157.3	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB114	46SB151	8.0-10.0	Cadmium	0.06	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5.7		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.1		0.16	mg/kg	Soil Background	19	mg/kg
SB115	46SB152	0.0-2.0	Arsenic	4.4		0.19	mg/kg	Soil Background	9.2	mg/kg
			Barium	38.9	J	0.14	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.18	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	9.5		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	34.7		0.15	mg/kg	Soil Background	19	mg/kg
	46SB153	2.0-4.0	Arsenic	4.8		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	72.3	J	0.16	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.16	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.7		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.9		0.17	mg/kg	Soil Background	19	mg/kg
	46SB154	4.0-6.0	Arsenic	3.4		0.2	mg/kg	Soil Background	9.2	mg/kg
			Barium	64	J	0.15	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.14	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	7.3		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.9		0.16	mg/kg	Soil Background	19	mg/kg
	46SB155	6.0-8.0	Arsenic	1.1	B	0.2	mg/kg	Soil Background	9.2	mg/kg
			Barium	69	J	0.14	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.1	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	4.4		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.1		0.15	mg/kg	Soil Background	19	mg/kg
	46SB156	8.0-10.0	Arsenic	8.4		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	39.3	J	0.16	mg/kg	Soil Background	157.3	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB115	46SB156	8.0-10.0	Cadmium	0.09	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	3.7		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.5		0.17	mg/kg	Soil Background	19	mg/kg
SB116	46SB157	8.0-10.2	Arsenic	5.1		0.21	mg/kg	Soil Background	9.2	mg/kg
			Barium	25.5	J	0.15	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.14	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	3.8		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	3		0.16	mg/kg	Soil Background	19	mg/kg
			n-propylbenzene	0.014		0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			Naphthalene	0.027		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			sec-Butylbenzene	0.013		0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			tert-Butylbenzene	0.015		0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
SB117	46SB158	0.0-2.0	Arsenic	4		0.19	mg/kg	Soil Background	9.2	mg/kg
			Barium	25.4	J	0.14	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.11	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5.1		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.8		0.15	mg/kg	Soil Background	19	mg/kg
	46SB159	2.0-3.5	Arsenic	4.8		0.2	mg/kg	Soil Background	9.2	mg/kg
			Barium	61.7	J	0.15	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.17	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	8.9		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.8		0.16	mg/kg	Soil Background	19	mg/kg
	46SB160	4.0-6.0	Arsenic	4.4		0.2	mg/kg	Soil Background	9.2	mg/kg
			Barium	42.4	J	0.14	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.13	B	0.03	mg/kg	Soil Background	0.67	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB117	46SB160	4.0-6.0	Chromium	6		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.6		0.16	mg/kg	Soil Background	19	mg/kg
	46SB161	6.0-8.0	Arsenic	5.1		0.21	mg/kg	Soil Background	9.2	mg/kg
			Barium	47.8	J	0.15	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.21	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	12.8		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	13.5		0.16	mg/kg	Soil Background	19	mg/kg
	46SB162	8.0-10.0	Arsenic	4		0.21	mg/kg	Soil Background	9.2	mg/kg
			Barium	31.9	J	0.15	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.13	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	3.8		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	2		0.17	mg/kg	Soil Background	19	mg/kg
	46SB163	10.0-11.0	Arsenic	8.7		0.2	mg/kg	Soil Background	9.2	mg/kg
			Barium	35.9	J	0.14	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.09	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	4.2		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.4		0.16	mg/kg	Soil Background	19	mg/kg
SB118	46SB164	0.0-2.0	Arsenic	5.2		0.2	mg/kg	Soil Background	9.2	mg/kg
			Barium	26.6	J	0.15	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.12	B	0.03	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5.6		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.4		0.16	mg/kg	Soil Background	19	mg/kg
	46SB165	2.0-4.0	Arsenic	4.4		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	55.6	J	0.16	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.22	B	0.04	mg/kg	Soil Background	0.67	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB118	46SB165	2.0-4.0	Chromium	6.4		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.7		0.17	mg/kg	Soil Background	19	mg/kg
	46SB166	4.0-6.0	Arsenic	6.2		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	83.9	J	0.16	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.25	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	10.6		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	9		0.17	mg/kg	Soil Background	19	mg/kg
	46SB167	6.0-8.0	Arsenic	8.3		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	280	J	0.16	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.24	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	14.4		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	13.1		0.17	mg/kg	Soil Background	19	mg/kg
	46SB168	8.0-10.0	Arsenic	3.2		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	24.6	J	0.16	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.11	B	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	4.1		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.5		0.17	mg/kg	Soil Background	19	mg/kg
	46SB169	10.0-11.7	Arsenic	13.4		0.6	mg/kg	Soil Background	9.2	mg/kg
			Barium	40.7		0.12	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.29		0.12	mg/kg	Soil Background	0.67	mg/kg
			Chromium	9.3		0.12	mg/kg	Soil Background	24.9	mg/kg
			Lead	6.6	J	0.24	mg/kg	Soil Background	19	mg/kg
			Methylene Chloride	0.08		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB119	46SB170	0.0-2.0	Arsenic	6.3		0.6	mg/kg	Soil Background	9.2	mg/kg
			Barium	70		0.12	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.36		0.12	mg/kg	Soil Background	0.67	mg/kg
			Chromium	11.8		0.12	mg/kg	Soil Background	24.9	mg/kg
			Lead	25.1	J	0.24	mg/kg	Soil Background	19	mg/kg
			Selenium	0.33	J	0.24	mg/kg	30 TAC 335 Industrial Soil GWP	5.0	mg/kg
	46SB171	2.0-4.0	Arsenic	6.7		0.65	mg/kg	Soil Background	9.2	mg/kg
			Barium	151		0.13	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.4		0.13	mg/kg	Soil Background	0.67	mg/kg
			Chromium	16.2		0.13	mg/kg	Soil Background	24.9	mg/kg
			Lead	16.4	J	0.26	mg/kg	Soil Background	19	mg/kg
	46SB172	4.0-6.0	Arsenic	4		0.58	mg/kg	Soil Background	9.2	mg/kg
			Barium	43.2		0.12	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.15		0.12	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.5		0.12	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.9	J	0.23	mg/kg	Soil Background	19	mg/kg
	46SB173	6.0-8.0	Arsenic	7.8		0.64	mg/kg	Soil Background	9.2	mg/kg
			Barium	100		0.13	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.35		0.13	mg/kg	Soil Background	0.67	mg/kg
			Chromium	14.1		0.13	mg/kg	Soil Background	24.9	mg/kg
			Lead	10.3	J	0.26	mg/kg	Soil Background	19	mg/kg
	46SB174	8.0-10.0	Arsenic	3.9		0.53	mg/kg	Soil Background	9.2	mg/kg
			Barium	30		0.11	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.13		0.11	mg/kg	Soil Background	0.67	mg/kg
			Chromium	3.6		0.11	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.4	J	0.21	mg/kg	Soil Background	19	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
SB119	46SB174	8.0-10.0	2-Butanone	0.025		0.005	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
			Methylene Chloride	0.035		0.005	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
	46SB175	10.0-12.0	Arsenic	2.8		0.56	mg/kg	Soil Background	9.2	mg/kg
			Barium	22.3		0.11	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.13		0.11	mg/kg	Soil Background	0.67	mg/kg
			Chromium	3.5		0.11	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.5	J	0.23	mg/kg	Soil Background	19	mg/kg
			2-Butanone	0.009		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
			Methylene Chloride	0.034		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
UST	46SB127	5.0-5.5	Arsenic	5.5		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	81.8		0.16	mg/kg	Soil Background	157.3	mg/kg
			Chromium	15.1		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	13.5	J	0.17	mg/kg	Soil Background	19	mg/kg
			2-Methylnaphthalene	15	J	1.6	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	409	mg/kg
			Dibenzofuran	0.73		0.39	mg/kg	30 TAC 335 Industrial Soil GWP	40.9	mg/kg
			Fluorene	0.47		0.39	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			1,2,4-trimethylbenzene	3.7	D	0.76	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	511	mg/kg
			1,3,5-trimethylbenzene	0.093	J	0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	511	mg/kg
			Acetone	0.069	J	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			Isopropyl Benzene	0.03	J	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			m,p-Xylene	0.024	J	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	1000	mg/kg
			n-Butylbenzene	0.12	J	0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			n-propylbenzene	0.07	J	0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			Naphthalene	5.1	J	0.76	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			p-Isopropyltoluene	1.6	J	0.76	mg/kg	30TAC335 Ind Soil GWP (Toluene)	100	mg/kg
			sec-Butylbenzene	0.078	J	0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			Toluene	0.052	J	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	100	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
UST	46SB128	5.0-5.5	Arsenic	12		0.23	mg/kg	Soil Background	9.2	mg/kg
			Barium	205		0.17	mg/kg	Soil Background	157.3	mg/kg
			Chromium	21.3		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	16.4	J	0.18	mg/kg	Soil Background	19	mg/kg
			Acetone	0.21	J	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			Naphthalene	0.008	J	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
	46SB129	5.0-5.5	Arsenic	10.5		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	206		0.16	mg/kg	Soil Background	157.3	mg/kg
			Chromium	27		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	15.9	J	0.17	mg/kg	Soil Background	19	mg/kg
	46SB130	0.0-0.5	Arsenic	8.1		0.23	mg/kg	Soil Background	9.2	mg/kg
			Barium	166		0.17	mg/kg	Soil Background	157.3	mg/kg
			Chromium	18.9		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	18.7	J	0.18	mg/kg	Soil Background	19	mg/kg
			2-Methylnaphthalene	7.1	J	0.88	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	409	mg/kg
			Naphthalene	1.5		0.44	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			1,2,4-trimethylbenzene	0.35	J	0.02	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	511	mg/kg
			1,3,5-trimethylbenzene	0.056		0.007	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	511	mg/kg
			2-Butanone	0.045		0.007	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
			Acetone	0.22		0.007	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			Ethylbenzene	0.035		0.007	mg/kg	30 TAC 335 Industrial Soil GWP	70	mg/kg
			Isopropyl Benzene	0.011		0.007	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			m,p-Xylene	0.031		0.007	mg/kg	30 TAC 335 Industrial Soil GWP	1000	mg/kg
			n-Butylbenzene	0.039		0.007	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			n-propylbenzene	0.03		0.007	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			Naphthalene	0.48	J	0.02	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			p-Isopropyltoluene	0.082		0.007	mg/kg	30TAC335 Ind Soil GWP (Toluene)	100	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
UST	46SB130	0.0-0.5	sec-Butylbenzene	0.025		0.007	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			Toluene	0.031		0.007	mg/kg	30 TAC 335 Industrial Soil GWP	100	mg/kg
	46SB131	5.0-5.5	Arsenic	9.6		0.22	mg/kg	Soil Background	9.2	mg/kg
			Barium	209		0.16	mg/kg	Soil Background	157.3	mg/kg
			Chromium	30.3		0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	17.7	J	0.17	mg/kg	Soil Background	19	mg/kg
			Acetone	0.051		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			Methylene Chloride	0.033		0.006	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
	46SB132	10.0-10.5	Arsenic	4.2		0.19	mg/kg	Soil Background	9.2	mg/kg
			Barium	61.7		0.14	mg/kg	Soil Background	157.3	mg/kg
			Chromium	9.6		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	7.2	J	0.15	mg/kg	Soil Background	19	mg/kg
			2-Methylnaphthalene	0.67		0.31	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	409	mg/kg
			sec-Butylbenzene	0.008		0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			tert-Butylbenzene	0.01		0.006	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
	46SB133	10.0-11.0	Arsenic	4.1		0.2	mg/kg	Soil Background	9.2	mg/kg
			Barium	58.6		0.15	mg/kg	Soil Background	157.3	mg/kg
			Chromium	11.1		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	6.9	J	0.16	mg/kg	Soil Background	19	mg/kg
			2-Methylnaphthalene	5.1	J	0.74	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	409	mg/kg
			Dibenzofuran	0.76		0.37	mg/kg	30 TAC 335 Industrial Soil GWP	40.9	mg/kg
			Fluorene	0.46		0.37	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			Naphthalene	2		0.37	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			Acetone	0.038		0.029	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			Isopropyl Benzene	0.2		0.029	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result		PQL	Units	Screening Criteria	Screening Value	Units
UST	46SB133	10.0-11.0	n-Butylbenzene	0.12		0.029	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			n-propylbenzene	0.33		0.029	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			sec-Butylbenzene	0.23		0.029	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			tert-Butylbenzene	0.21		0.029	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
	46SB134	10.0-10.0	Arsenic	3.5		0.19	mg/kg	Soil Background	9.2	mg/kg
			Barium	23		0.14	mg/kg	Soil Background	157.3	mg/kg
			Chromium	6.2		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.6	J	0.15	mg/kg	Soil Background	19	mg/kg
			2-Methylnaphthalene	0.85		0.33	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	409	mg/kg
			Acetone	0.017		0.005	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			Isopropyl Benzene	0.006		0.005	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			Methylene Chloride	0.012	B	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
			n-propylbenzene	0.013		0.005	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			Naphthalene	0.052		0.005	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			sec-Butylbenzene	0.012		0.005	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
	46SB135	10.0-10.0	Arsenic	3.7		0.19	mg/kg	Soil Background	9.2	mg/kg
			Barium	26.1		0.14	mg/kg	Soil Background	157.3	mg/kg
			Chromium	6.3		0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	4.2	J	0.14	mg/kg	Soil Background	19	mg/kg
			n-propylbenzene	0.006		0.005	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			sec-Butylbenzene	0.008		0.005	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	102	mg/kg
			Toluene	0.01		0.005	mg/kg	30 TAC 335 Industrial Soil GWP	100	mg/kg
	46SB136	0.0-0.5	Arsenic	4.5		0.21	mg/kg	Soil Background	9.2	mg/kg
			Barium	93.8		0.15	mg/kg	Soil Background	157.3	mg/kg
			Chromium	16.4		0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	560	J	0.16	mg/kg	Soil Background	19	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-046 Samples

Location	Sample ID	Depth	Parameter	Result	PQL	Units	Screening Criteria	Screening Value	Units
UST	46SB136	0.0-0.5	2-Methylnaphthalene	3.1	0.36	mg/kg	30TAC335 Ind Soil GWP Calc. MSC	409	mg/kg
			Naphthalene	0.38	0.36	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			2-Butanone	0.02 J	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
			Acetone	0.13 J	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	1020	mg/kg
			Toluene	0.079 J	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	100	mg/kg