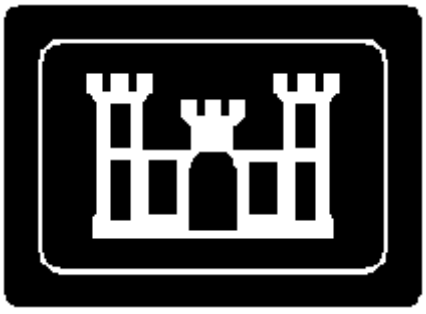
RCRA FACILITY INVESTIGATION DRAFT FINAL REPORT

FOR

FH-023 (Old Fire Training Area) FORT HOOD, TEXAS

PREPARED FOR

U.S. ARMY CORPS OF ENGINEERS



FORT WORTH DISTRICT

CONTRACT NO. DACA63-96-D-0021

JULY 6, 1999

Science Applications International Corporation
An Employee-Owned Company

RCRA Facility Investigation Report
For
Site FH-023 Old Fire Training Area

DRAFT FINAL

Prepared for
U.S. Army Corps of Engineers
Fort Worth District
Fort Worth, Texas

Under Contract Number
DACA63-96-D-0021

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July 6, 1999

TABLE OF CONTENTS

1.0 INTRODUCTION 1
- 1.1 BACKGROUND 1
- 1.2 SCOPE AND OBJECTIVES 1

2.0 ENVIRONMENTAL SETTING 5
- 2.1 PHYSIOGRAPHIC SETTING 5
- 2.2 GEOLOGIC CONDITIONS 5
  - 2.2.1 Bedrock 5
  - 2.2.2 Unconsolidated Materials 5
- 2.3 CHARACTERIZATION OF SOILS 7
- 2.4 CHARACTERIZATION OF CLIMATE 7

3.0 UNIT CHARACTERIZATION 8

4.0 CHARACTERIZATION OF UNIT CONTAMINATION 11
- 4.1 TECHNICAL APPROACH 11
- 4.2 UNIT INVESTIGATION AND ANALYTICAL RESULTS 13
  - 4.2.1 Surface Soil Analytical Results 13
  - 4.2.2 Subsurface Samples Analytical Results 13
  - 4.2.3 Disposition of Investigation Derived Waste (IDW) 13
- 4.3 BACKGROUND CHARACTERIZATION AND COMPARISONS WITH WASTE UNIT SAMPLING RESULTS 19

5.0 SOIL SCREENING ANALYSIS 22

6.0 INVESTIGATION ANALYSIS 24
- 6.1 DATA QUALITY ASSURANCE/QUALITY CONTROL 24
- 6.2 INVESTIGATION RESULTS 25

7.0 CONCLUSIONS AND RECOMMENDATIONS 30

8.0 REFERENCES 31

TABLES

Table 4.1 FH-023 Analytes Detected Above Practical Quantitation Limits 14
Table 4.2 Statistical Analysis of 95% UTL Concentrations Background Surface Soils 21
Table 5.1 Comparison of Constituents Detected Above TNRCC RRSs Number 1 to TNRCC RRSs Number 2 23

FIGURES

Figure 1.1 Fort Hood Vicinity Map 2
Figure 1.2 Fort Hood Installation Map 3
Figure 2.1 Topography of West Ft. Hood 6
Figure 3.1 Grading Plan for Building 90094 9
Figure 3.2 Photograph of FH-023 10
Figure 4.1 Sampling Locations at FH-023 and Results Above Screening Criteria 12
Figure 4.2 Background Sampling Locations 20
Figure 6.1 Cross Section A A' FH-023 26
Figure 6.2 Cross Section B B' FH-023 27

APPENDICES

A FH-023 Soil Boring Logs
B FH-023 Analytical Results
C Fort Hood RFI Background Soils Data
D Fort Hood RFI Background Soil Boring Logs
E Statistical Calculations
F FH-023 Screening Results

ACRONYMS

AA	Atomic absorption
BEGM	Bureau of Economic Geology
BG	background
BGS	below ground surface
CQAR	Chemical Quality Assessment Report
DOT	Department of Transportation
DPW	Directorate of Public Works
EM	Electromagnetic
FH	Fort Hood
ft	feet or foot
GC/MS	Gas Chromatography/Mass Spectrometry
ICP	Inductively coupled plasma
IDW	Investigation Derived Waste
LCS	Laboratory Control Samples
MSC	medium specific concentration
msl	mean sea level
MS/MSD	Matrix Spike/Matrix Spike Duplicate
ppb	parts per billion
ppm	parts per million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RRSs	Risk Reduction Standards
SAIC	Science Applications International Corporation
SVOC	Semivolatile Organic Compound
SWMU	Solid Waste Management Unit
TCLP	Toxicity Characteristic Leaching Procedure
TNRCC	Texas Natural Resources Conservation Commission
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
UTL	upper tolerance limit

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 armored 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-023, Old Fire Training Area, one of 35 SWMUs investigated during the RFI conducted November 1996 through September 1997. FH-023 is located in West Fort Hood immediately south of Building 90094, an aircraft hangar facility.

1.1 BACKGROUND

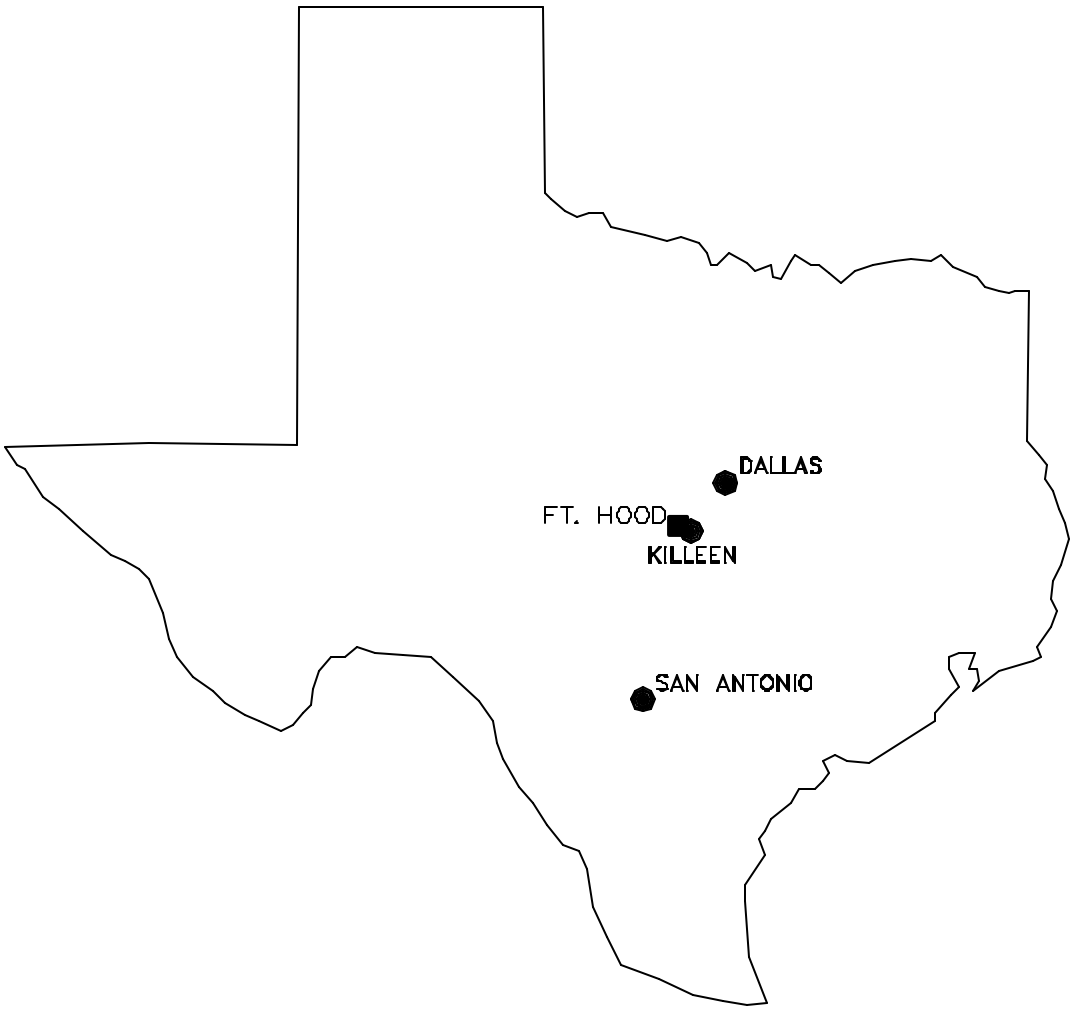
FH-023 is approximately four acres in size and is the original fire training area in West Fort Hood. The fire training pit was located in an open area of limestone-derived soil. The unit was operated between 1960 and 1980 and was used for fire fighting exercises. Used oil was dumped directly on the ground, ignited, and extinguished as part of the training. The area was excavated and re-graded as part of the construction of Building 90094 in 1986.

1.2 SCOPE AND OBJECTIVES

The objective of the RFI at FH-023 was to determine if operations at the Old Fire Training Area may have caused contamination to be released to the environment and, if contamination is present at the site, to characterize the potential source and extent of contamination. This report assesses the nature of soil contamination at the site and evaluates what, if any, additional investigation is necessary.

The specific objectives of the investigation of FH-023 were as follows:

- ? determine the presence or absence of contaminants in soils at the old fire training area;
- ? determine the lateral boundaries of the fire training area and the vertical and lateral extent of soil contamination, where practicable;
- ? characterize the migration potential of any contaminants identified in the surface and subsurface soils;
- ? determine if groundwater is present below the site and if present, determine if it is contaminated;



U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

FORT HOOD
VICINITY MAP

Science Applications International Corporation — Columbus, Ohio

DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	FIGURE NO.
SC			NO SCALE		1.1

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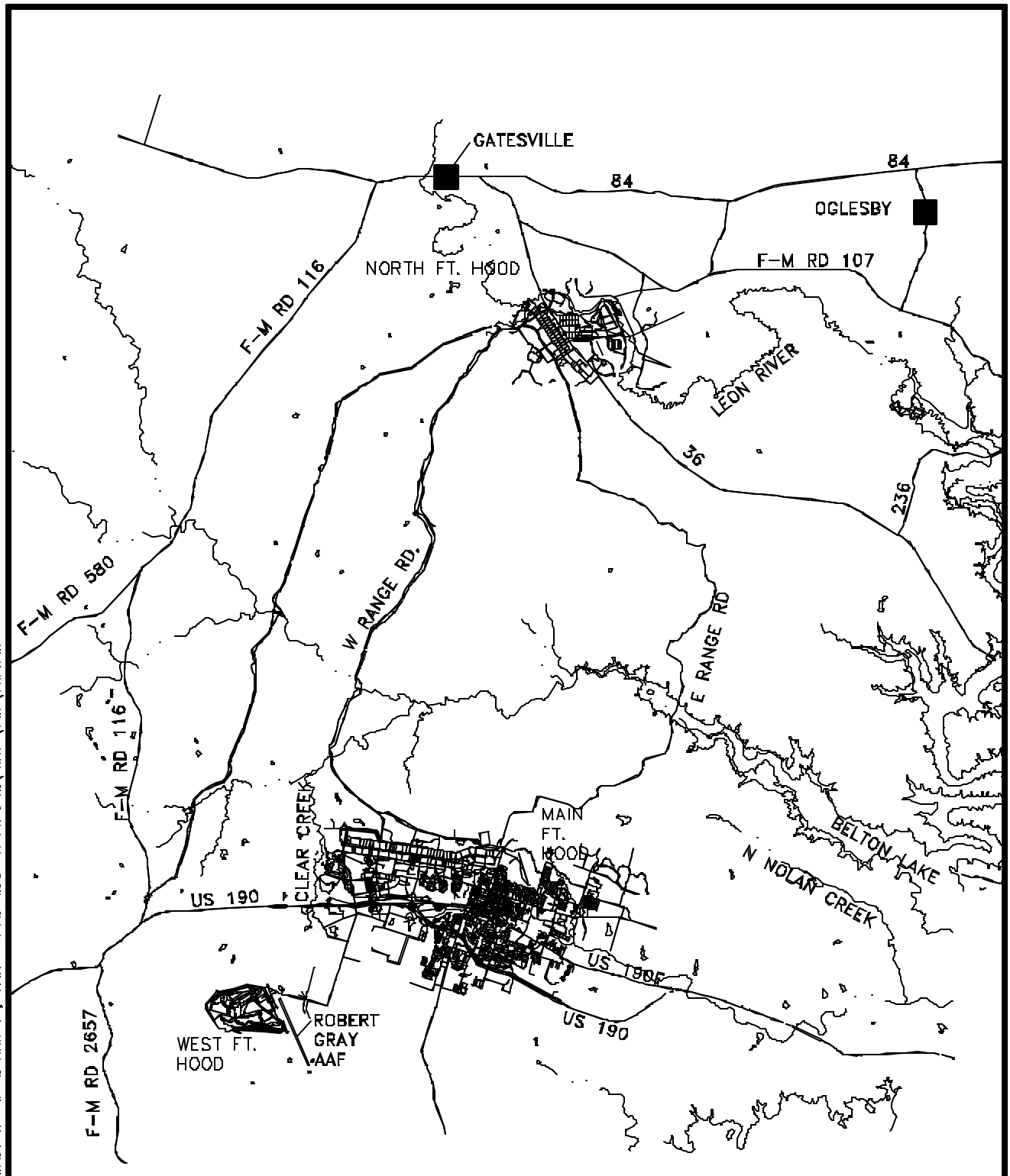

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LEGEND

- 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

DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	FIGURE NO.
			1"=7000M		1.2

? 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-023.

The approach to the RFI included field sampling and laboratory analysis of surface and subsurface soils. The sampling and analysis program was conducted in accordance with the Final RCRA Facility Investigation Work Plan for Fort Hood Site FH-023 (USACE 1995).

2.0 ENVIRONMENTAL SETTING

The material presented in this section describes the physical characteristics of FH-023 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 West Fort Hood is provided in Figure 2.1.

Local relief on West Fort Hood is generally is 60 ft, ranging in elevation from approximately 1,040 feet above mean sea level (msl) along the western edge to about 980 feet above msl along the eastern edge. The ground surface slopes gently to the northeast across the west cantonment. Local relief at SWMU FH-023 is relatively flat, with the exception of the small hill on the eastern edge of the site. The site is located at an approximate elevation of 1,000 feet. The site is drained to the northwest by an unnamed tributary of Clear Creek.

The rivers, streams, and creeks that constitute the main surface water pathways at Fort Hood are shown on Figure 1.2. The southern portion of the west cantonment is drained by Reese Creek. Reese Creek flows southeast to the Lampass River south of Fort Hood and drains into Stillhouse Hollow Lake. The north portion of the west cantonment drains into Clear Creek upstream from the main cantonment.

2.2 GEOLOGIC CONDITIONS

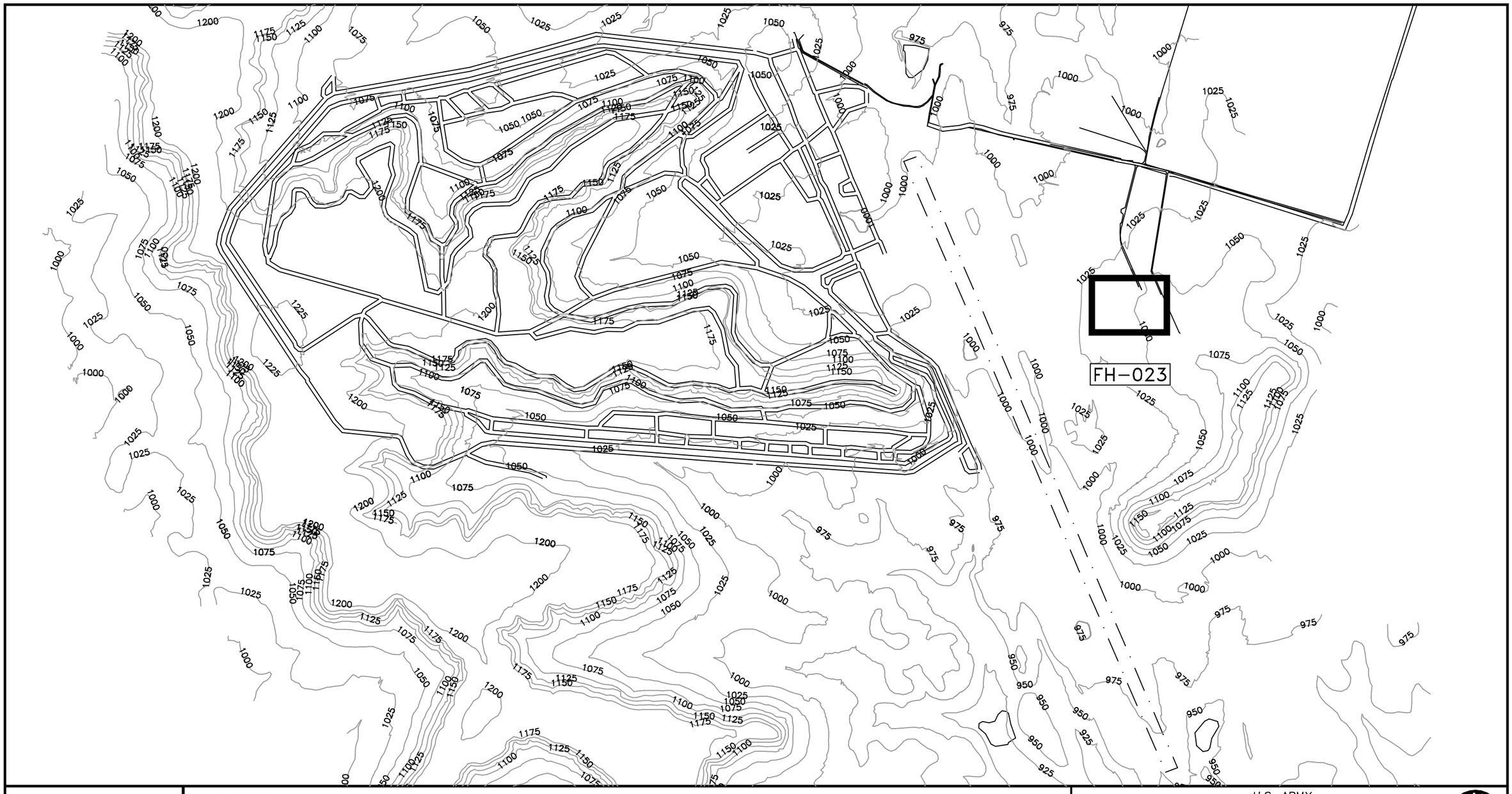
A summary of the geology of the Fort Hood area relevant to this RFI is adapted from the Final RCRA Facility Investigation Work Plan, 35 Solid Waste Management Units, Fort Hood, Texas (USACE 1995). Relevant information on the occurrences of soils and bedrock has been incorporated to further characterize the geology of FH-023 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 (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.

2.2.2 Unconsolidated Materials

Unconsolidated clay soil overlies the Walnut Formation in the west cantonment area (USACE 1995). The thickness of the overlying clay ranges from 0 to 12 feet, and the thickness of the Walnut Formation is approximately 150 feet (BEGM 1979). The Paluxy, Glen Rose, and Travis Peak formations under the Walnut



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N
True North

250 0 250 500
METERS

LEGEND

TOPOGRAPHIC CONTOUR (FT.)

DRAINAGE

AREA OF FH-023

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

TOPOGRAPHY OF WEST FT. HOOD

SAIC Science Applications International Corporation Columbus, Ohio

DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	FIGURE NO.
SC			AS SHOWN		2.1

Formations. Directly east of the cantonment, in the topographic highs of Seven Mile Mountain, the undifferentiated unit and the Comanche Peak Formation of the Fredericksburg Group are exposed.

2.3 CHARACTERIZATION OF SOILS

In many areas of the west cantonment, silty or sandy clay soils overlie bedrock. Soils similar to silty or sandy clay can be expected in the flood plains, and soils similar to silty sand and sandy clay with rock fragments can be expected in upland areas. In general, these soils have low permeabilities (USDA 1985a,b). They range in thickness from 15 to 20 ft.

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 1996a). 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 five-month period in which the field program of the RFI was conducted, precipitation was higher than the historical monthly averages. Severe weather in the form of heavy rain, hail storms, and ice storms is common in the winter months.

3.0 UNIT CHARACTERIZATION

Site FH-023 is approximately four acres in size and is the site of a former fire training area. The former fire training pit was located in an open area of limestone-derived soil. Originally, the site consisted of a shallow natural depression which was bounded on the southeast by a 10 ft high rising slope, on the south by an old gravel road, and on the west by a gently falling slope. The estimated elevation of the former pit was approximately 1050-1052 ft.

Historically, used oil and other ignitable materials were dumped directly on the ground in the pit, ignited, and extinguished as fire training exercises (USACE, 1995). The specific types of materials burned included; gasoline, diesel fuel, jet propellant (JP-4), aviation synthetic oil, motor oil, oil sludge, paint thinner, and outdated DS-2. DS-2 consists of ethylene glycol monolaurate, sodium hydroxide and diethylene in a mixture of super tropical bleach (USACE, 1995). An old military tank was placed in the pit and burned repeatedly for fire training. The unit was operated in this manner between 1960 and 1980.

The site is currently covered by a concrete taxiway, asphalt parking lot, grassy areas, and Building 90094. Historical data on the site include as-built drawings of Building 90094 and a Foundation Design Analysis Report (AMF, 1985) for the Aircraft Maintenance Facility, L.I. 440 dated June 21, 1985. The Aircraft Maintenance Facility is located immediately north of Building 90094. Sometime between 1985 and 1995, an unknown quantity of soil was removed from the Old Fire Training Area and surrounding area and the entire area was graded to an elevation of approximately 1035 ft. The approximate limits of grading are presented in Figure 3.1. There is a rise (elevation approximately 1058 ft) on the eastern edge of the site. This rise represents the original elevation of the area before the excavation and construction of Building 90094. According to Fort Hood personnel, Building 90094 was constructed in the area of the Old Fire Training area. Figure 3.2 contains a photograph of FH-023 taken for Fort Hood's September 1996 Installation Action Plan submittal. This photograph was taken looking northwest from the rise located on the eastern boundary of the site. Building 90094 is located to the right of the concrete helicopter pad. In Figure 3.2, the former fire training area would have been the area located to the right of the utility pole, under the helicopter pad, and potentially under a portion of Building 90094.

The present site geography is substantially different from what it was when in use as a fire training area. In 1986, Building 90094 and associated facilities (e.g., a helicopter wash rack, parking lots, apron, etc.) were built adjacent to and within the fire training area. As part of the construction, a significant quantity of soils (consisting predominantly of weathered limestone material) were excavated, removed, and re-graded. As much as 15 ft of overburden was removed from the lower elevations and the slopes to the southeast were re-graded extensively as shown in Figure 3.1. A possible design consideration for the grading plan may have been to direct drainage across the site toward the toe of the adjacent southeastern slope, which directs surface flow along the toe of the slope to the south.

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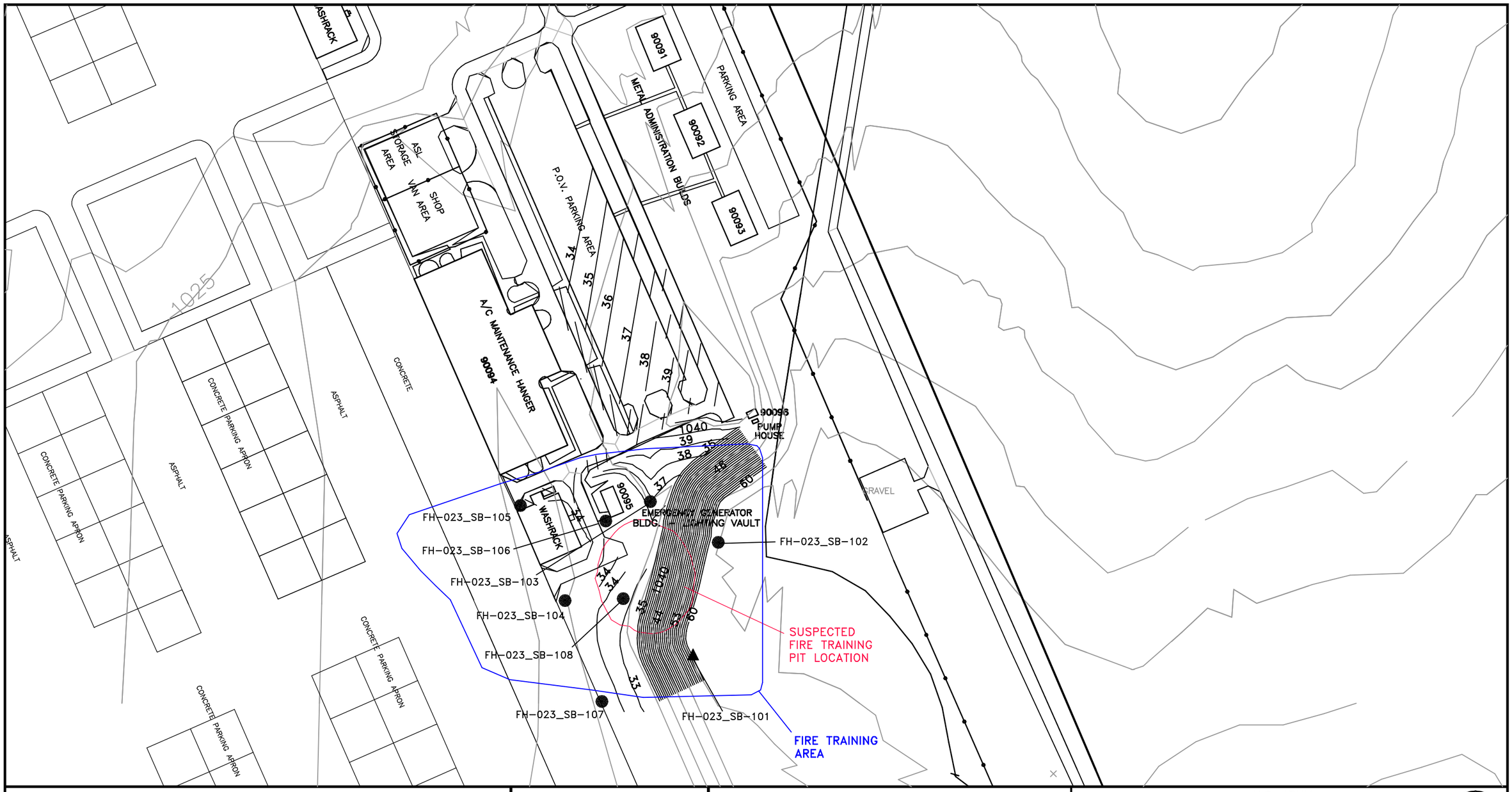

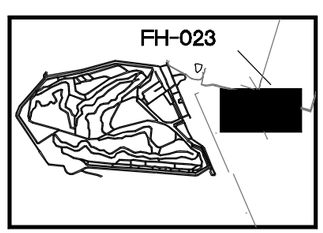

WEST FT. HOOD LOCATION MAP

N
True North

25 0 25 50
METERS

LEGEND

- TOPGRAPHIC CONTOUR (FT.)
- 33 FINAL GRADE
- DRAINAGE
- FH-023_SB-101 PREVIOUS SAMPLING LOCATION
- SUSPECTED FIRE TRAINING PIT LOCATION
- FIRE TRAINING AREA

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

GRADING PLAN FOR BLDG. 90094

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DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	FIGURE NO.
SC			AS SHOWN		3.1

On hill looking west towards washrack

Figure 3.2 Photograph of FH-023

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4.0 CHARACTERIZATION OF UNIT CONTAMINATION

The RFI field program was designed to do the following at SWMU FH-023:

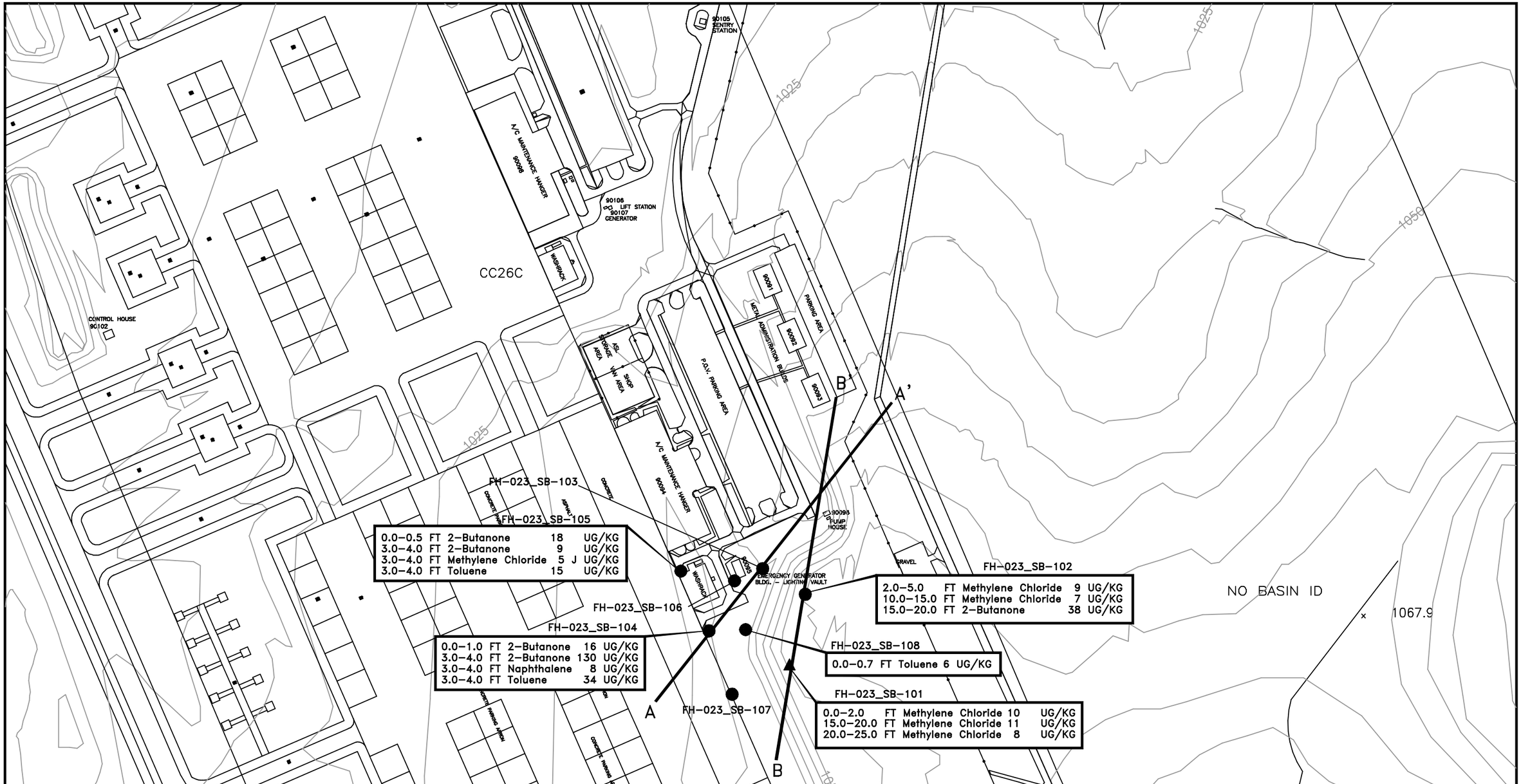
- ? determine the presence or absence of contaminants in the surface and subsurface soils within the site;
- ? determine the lateral boundaries of the fire training area and the vertical and lateral extent of soil contamination , where practicable;
- ? characterize the migration potential of any contaminants identified in the surface and subsurface soils;
- ? determine if groundwater is present below the site and if present, determine if the groundwater is contaminated;
- ? 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-023.

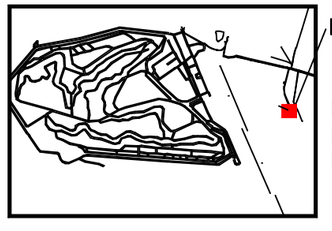
4.1 TECHNICAL APPROACH

Both surface (0 - 2 ft BGS) and subsurface soils (> 2 ft BGS) were sampled at FH-023. The different soil depths were sampled in order to provide data necessary to better characterize the potential contamination present in different soil strata and to evaluate the potential human health risks associated with contaminants at the site. Contaminant concentrations will vary based on soil depth due to the chemical nature of the contaminant (i.e., mobility), and the method by which the contaminants were deposited in the soil. Concentrations at the surface of the soil may differ greatly from subsurface levels. In addition, analysis of different soil levels is necessary in order to accurately evaluate the human health risks associated with the contaminants. Exposures based on surface, or direct, contact will differ from exposure, if any, associated with contaminants in deeper soils. At FH-023, direct contact with soils is not likely since much of the site is covered in concrete.

Surface and subsurface samples were collected from eight soil borings installed in February and September 1997. The conditions during the two sampling events were similar, warm and sunny, with September conditions being more humid and hotter than in February. The second sampling event (conducted in September 1997) was conducted to supplement the data base in order to better characterize the nature and extent of contamination at the site. Locations of the sampling points are shown in Figure 4.1. Soil borings SB101 through SB104 were sampled in February 1997 and soil borings SB105 through SB108 were sampled in September 1997. Borings SB101 and SB102 were collected from the top of the rise at the eastern boundary of the site. Borings SB103 through SB108 were located around the existing concrete helicopter pad.

All soil borings were drilled using a truck-mounted hollow-stem auger rig. Soil samples were collected using a 5 ft continuous downhole sampling device. Samples were collected from five soil depths in SB101 and SB102. Samples were collected at 0-2 ft below ground surface (BGS), 9-10 ft BGS, 10-15 ft BGS, 15-20 ft BGS and 20-25 ft BGS at SB101 and at 0-2 ft BGS, 2-5 ft BGS, 5-10 ft BGS, 10-15 ft BGS and 15-20 ft BGS at SB102. Total depth to bedrock in SB101 was 25 ft and 20 ft in SB102. Weathered limestone was encountered at 4 ft in borings SB103 and SB104; therefore samples were only collected at 0-0.5 ft BGS and at 3-4 ft BGS in SB103 and at 0-1 ft BGS and 3-4 ft BGS at SB104. Bedrock was encountered between 7 and 11 inches in samples SB105 through SB108; therefore, only surface soil samples were collected at these locations. A sample was collected at 0-0.9 inches at SB105, 0-0.6 inches at SB106, 0-0.8 inches at SB107 and 0-0.7 inches at SB108. Boring logs for FH-023 are provided in Appendix A.





WEST FT. HOOD LOCATION MAP

N
True North

40 0 40 80
METERS

LEGEND

- TOPGRAPHIC CONTOUR (FT.)
- DRAINAGE
- A — A' CROSS SECTIONS
- SOIL BORING LOCATION

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RCRA FACILITY INVESTIGATION

SAMPLE LOCATIONS AT FH-023 AND RESULTS ABOVE SCREENING CRITERIA

SAIC Science Applications International Corporation Columbus, Ohio

DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	FIGURE NO.
			AS SHOWN		4.1

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Samples were analyzed for volatile organic compounds, semi-volatile organic compounds, and metals. Downhole, breathing zone, and headspace organic vapors were monitored during sampling activities. All soil sampling, sample handling, chain-of-custody, and other field activities were conducted in accordance with the RCRA Facility Investigation Work Plan for 35 SWMUs (USACE 1995). Groundwater was not encountered in any of the borings at FH-023.

4.2 UNIT INVESTIGATION AND ANALYTICAL RESULTS

Analytical results for soils at SWMU FH-023 are provided in their entirety in Appendix B. Table 4.1 summarizes those constituents detected above practical quantitation limits (PQLs). Constituents detected above PQLs were screened against background and risk-based screening criteria as described in Section 4.3 and Section 5.0.

4.2.1 Surface Soil Analytical Results

Inorganic constituents including lead (4 ppm - 18.8 J ppm) , arsenic (4.2 ppm - 7.7 ppm), barium (14.6 ppm - 106 ppm), cadmium (0.12 ppm - 0.37 ppm) and chromium (6.0 ppm - 19.1 ppm) were detected above PQLs in all of the surface soil samples collected at FH-023. Selenium was detected above the PQL at a concentration of 0.39 J ppm in sample SB103. Organic constituents detected above PQLs included; methylene chloride (9 ppb) at SB101, 2-Butanone (18 ppb and 16 ppb) at SB103 and SB104, respectively. Toluene was detected at SB108 at 6 ppb. There were no semivolatile compounds detected in surface soils above PQLs.

4.2.2 Subsurface Samples Analytical Results

Subsurface samples collected in borings SB103 through SB108 consisted primarily of weathered limestone and limestone fragments and not soils. Inorganic constituents detected in subsurface samples above PQLs included; lead (1.2-5.2 ppm), arsenic (1.8-5.1 ppm), barium (3.6-11.7 ppm), cadmium (0.06-0.17 ppm) and chromium (4.1-12.4 ppm). Organic constituents were also detected in subsurface samples above PQLs. Methylene chloride was detected at 15 -20 ft BGS (11 ppb)and at 20-25 ft BGS (8 ppb) in SB101. Methylene chloride was also detected at SB102 at 2-5 ft BGS (9 ppb) and 10-15 ft BGS (7 ppb). 2-Butanone was detected at SB102 at 15 -20 ft BGS at 38 ppb. Organic constituents including toluene (15 ppb), methylene chloride (5 ppb) and 2-butanone (9 ppb) were detected at 3-4 ft BGS at SB103. Toluene (34 ppb), 2-butanone (130 ppb) and naphthalene (8 ppb) were detected at 3-4 ft BGS at SB104.

4.2.3 Disposition of Investigation Derived Waste (IDW)

All IDW generated during drilling at FH-023 was stored in 55 gallon drums. Four drum of solid IDW and one drum of liquid IDW was generated during this investigation. All drums were clearly identified with Department of Transportation (DOT) - approved labels containing the drum's contents, the date they were filled, and the SWMU where the IDW was generated. Drums were staged in the SAIC compound pending disposition. Analytical results from the corresponding soil samples were used to determine whether a drum's contents were hazardous or non-hazardous. Contaminant levels were screened against the Resource Conservation and Recovery Act (RCRA) "20 times" rule for the Toxicity Characteristic Leaching Procedure (TCLP). Provisions were made for TCLP sampling of any solid IDW drums that did not meet the "20 times" criteria. When a site soil sample concentration for a hazardous constituent was twenty times or greater than its respective leachate concentration listed in 30 TAC Chapter 335, Subchapter R, Appendix 1, Table 1, a sample was collected. All solid IDW was determined to be non-hazardous by this method, and was transported to the Fort Hood Sanitary Landfill for disposal. All liquid IDW generated for this SWMU resulted from the

Table 4.1 FH-023 Analytes Detected in Soil Above Practical Quantitation Limits (PQLs)

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SS103	23SB105	0.0-2.0	Metals	Arsenic	6 8	0 38	mg/kg
				Barium	106	0 07	mg/kg
				Cadmium	0 28	0 05	mg/kg
				Chromium	17 6	0.09	mg/kg
				Lead	10 6	0 22	mg/kg
	23SB106	9 0-10 0	Metals	Arsenic	2 3	0 33	mg/kg
				Barium	5.5	0.06	mg/kg
				Cadmium	u 11	0 05	mg/kg
				Chromium	5 5	0.08	mg/kg
				Lead	1.6	u 19	mg/kg
	23SB107	10.0-15 0	Metals	Arsenic	2 8	0 34	mg/kg
				Barium	6 5	0 07	mg/kg
				Cadmium	0.14	0 05	mg/kg
				Chromium	3 1	0 08	mg/kg
				Lead	2 6	0.20	mg/kg
	23SB108	15.0-20 0	Metals	Arsenic	5.1	0 33	mg/kg
				Barium	11 7	0 06	mg/kg
				Cadmium	0 14	0 05	mg/kg
				Chromium	6 6	0 08	mg/kg
				Lead	3 7	0 19	mg/kg
			Volatile Organics	Methylene Chloride	J1	5	ug/kg
	23SB109	20.0-25.0	Metals	Arsenic	4.2	0.34	mg/kg
				Barium	10 9	0.06	mg/kg

Table 4.1 FH-023 Analytes Detected in Soil Above Practical Quantitation Limits (PQLs)

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB101	23SB109	20.0-25.0	Metals	Cadmium	0.17	0.05	mg/kg
				Chromium	4.9	0.08	mg/kg
				Lead	5.2	0.19	mg/kg
			Volatile Organics	Methylene Chloride	8	5	ug/kg
SB102	23SB110	0.0-2.0	Metals	Arsenic	4.2	0.37	mg/kg
				Barium	14.6	0.07	mg/kg
				Cadmium	0.13	0.06	mg/kg
				Chromium	6	0.08	mg/kg
				Lead	4	0.21	mg/kg
	23SB111	2.0-5.0	Metals	Arsenic	4.4	0.36	mg/kg
				Barium	8.7	0.07	mg/kg
				Cadmium	0.11	0.06	mg/kg
				Chromium	6.4	0.08	mg/kg
				Lead	4	0.21	mg/kg
			Volatile Organics	Methylene Chloride	9	6	ug/kg
	23SB112	5.0-10.0	Metals	Arsenic	2	0.34	mg/kg
				Barium	3.7	0.07	mg/kg
				Cadmium	0.1	0.05	mg/kg
				Chromium	4.1	0.08	mg/kg
				Lead	1.2	0.20	mg/kg
	23SB113	10.0-15.0	Metals	Arsenic	3.9	0.34	mg/kg
				Barium	5	0.07	mg/kg
				Cadmium	0.13	0.05	mg/kg

Table 4.1 FII-023 Analytes Detected in Soil Above Practical Quantitation Limits (PQLs)

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB102	23SB113	10.0-15.0	Metals	Chromium	4 8	0 08	mg/kg
				Lead	2 2	0 20	mg/kg
			Volatile Organics	Methylene Chloride	7	5	ug/kg
	23SB114	15 0-20 0	Metals	Arsenic	4 6	0 33	mg/kg
				Barium	6	0 06	mg/kg
				Cadmium	0 13	0 05	mg/kg
				Chromium	12.4	0 08	mg/kg
				Lead	2 6	0 19	mg/kg
			Volatile Organics	2-Butanone	38	5	ug/kg
SB103	23SB101	0 0-0 5	Metals	Arsenic	6 3	0 41	mg/kg
				Barium	104	0.10	mg/kg
				Cadmium	0 28	0 05	mg/kg
				Chromium	18 1	0 10	mg/kg
				Lead	31 5 J	0.18	mg/kg
			Volatile Organics	2-Butanone	18	6	ug/kg
	23SB102	3 0-4 0	Metals	Arsenic	3 5	0 36	mg/kg
				Barium	5.4	0.09	mg/kg
				Cadmium	0 06	0 04	mg/kg
				Chromium	5 8	0 09	mg/kg
				Lead	2 J	0 15	mg/kg
			Volatile Organics	2-Butanone	9	5	ug/kg
				Toluene	15	5	ug/kg

Table 4.1 FII-023 Analytes Detected in Soil Above Practical Quantitation Limits (PQLs)

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB104	23SB103	0.0-1.0	Metals	Arsenic	4.6	0.40	mg/kg
				Barium	32.5	0.10	mg/kg
				Cadmium	0.12	0.05	mg/kg
				Chromium	8.7	0.10	mg/kg
				Lead	5 J	0.17	mg/kg
				Selenium	0.39 J	0.34	mg/kg
			Volatile Organics	2-Butanone	16	6	ug/kg
	23SB104	3.0-4.0	Metals	Arsenic	1.8	0.35	mg/kg
				Barium	3.6	0.09	mg/kg
				Cadmium	0.08	0.04	mg/kg
				Chromium	6.3	0.09	mg/kg
				Lead	1.5 J	0.15	mg/kg
			Volatile Organics	2-Butanone	130	5	ug/kg
				Naphthalene	8	5	ug/kg
				Toluene	34	5	ug/kg
SB105	23SB118	0.0-0.9	Metals	Arsenic	4.9	0.33	mg/kg
				Barium	52	0.064	mg/kg
				Cadmium	0.28	0.05	mg/kg
				Chromium	9.9	0.075	mg/kg
				Lead	5.9 J	0.19	mg/kg
SB106	23SB115	0.0-0.6	Metals	Arsenic	6.8	0.33	mg/kg
				Barium	96.4	0.065	mg/kg

Table 4.1 FH-023 Analytes Detected in Soil Above Practical Quantitation Limits (PQLs)

Location	Sample ID	Depth	Analysis Type	Parameter	Result	PQL	Units
SB130	23SB115	0.0-0.6	Metals	Cadmium	0.21	0.05	mg/kg
				Chromium	13.3	0.075	mg/kg
				Lead	12.7 J	0.19	mg/kg
SB107	23SB117	0.0-0.8	Metals	Arsenic	7.2	0.33	mg/kg
				Barium	75.2	0.064	mg/kg
				Cadmium	0.17	0.05	mg/kg
				Chromium	14.3	0.075	mg/kg
				Lead	12.3 J	0.19	mg/kg
SB108	23SB116	0.0-0.7	Metals	Arsenic	7.7	0.33	mg/kg
				Barium	98.5	0.064	mg/kg
				Cadmium	0.37	0.05	mg/kg
				Chromium	19.1	0.075	mg/kg
				Lead	18.8 J	0.19	mg/kg
			Volatile Organics	Toluene	6	5	ug/kg

J - Indicates estimated value

decontamination of the drilling rig and other sampling equipment. Liquid IDW was non-hazardous and was disposed of in the 1st Calvary Division Tactical Vehicle Wash Facility. The drums containing the non-hazardous liquid are expected to contain a significant amount of sediment. Disposal at the 1st Calvary Division Tactical Vehicle Wash Facility was determined to be more appropriate than discharging the liquid to the sanitary sewer system. The Vehicle Wash Facility is a closed loop system consisting of three ponds used to settle out the dirt and sediment washed off the armored vehicles.

4.3 BACKGROUND CHARACTERIZATION AND COMPARISONS WITH WASTE SAMPLING RESULTS

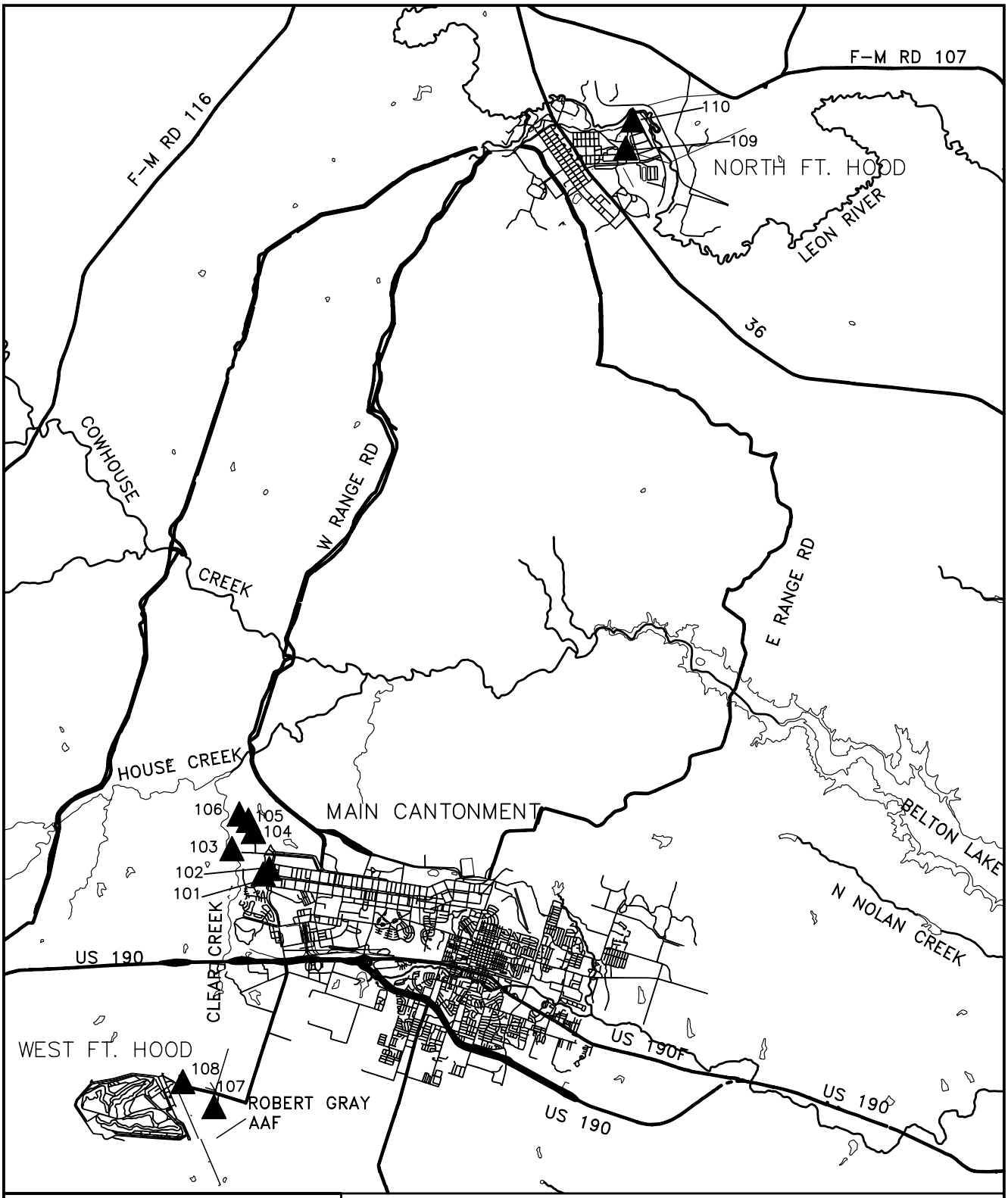
In order to characterize naturally occurring constituents in soils at Fort Hood, samples were located and collected at 10 separate locations within the facility boundaries in the north, west, and main cantonments. Sampling locations are believed to be outside the influence of past or current industrial and/or waste activities at the facility. The general background sampling locations are presented in Figure 4.2. Background soils data and soil boring logs are presented in Appendices C and D, respectively.

A total of 44 background soil samples (surface and subsurface) 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 because of quality assurance/quality control (QA/QC) problems with the selenium data. A discussion of the QA/QC is presented in Section 6.1. Mercury was detected in only 1 of 43 background samples and selenium in 2 of 40 background samples. Silver was not detected in any background soil sample.

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 Final RCRA Facility Investigation Work Plan for 35 SWMUs (USACE 1995) used for the statistical evaluations is provided in Appendix D. 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 Final RCRA Facility Investigation 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 4.3. 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 soils were used as the primary background screening criteria for inorganics. Appendix D 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 compares the mean concentration for each metal in background samples to the mean for each metal in the SWMU samples. This method was not used for FH-023.



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

DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	FIGURE NO.
SC			1"=5000M		4.2

NAME: S:\HOOD\BACK.DWG DATE: OCT 13, 1999 TIME: 5:22 PM PCP: S:\HOOD\PCP\FRP.PCP

Table 4.2 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 ½ 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 is used as the background comparison value.
ND - Not Detected

5.0 SOIL SCREENING ANALYSIS

The Texas Natural Resource Conservation Commission (TNRCC) has promulgated risk reduction standards (30 TAC 335, Subchapter S) for soils and groundwater for residential and industrial land uses. Risk Reduction Standards (RRSs) Number 1 are defined as background concentrations (95% Upper Tolerance limit, UTL) or analytical practical quantitation limit (PQL) values, whichever are greater. The TNRCC RRSs Number 1 are used to determine if there has been a release of hazardous constituents from a site. In order to screen the data generated at FH-023 and to determine whether there has been a release at the site, inorganic soil sample results were compared to the 95% UTL background concentration levels. Background soil levels were determined for 8 metals and the results are presented in Section 4.3. None of the metals detected in surface or subsurface soils at FH-023 were detected above 95% UTL background levels except for selenium. Selenium was detected in one surface soil sample at an estimated concentration of 0.39 ppm compared to the PQL of 0.34 ppm. The 95% UTL background comparison is used as the screening criteria for this report when available. For selenium the PQL was used as the screening value. Constituents detected above PQLs were further screened using TNRCC RRSs Number 2. The TNRCC RRSs Number 2 for soils are numerical values established by the TNRCC as protective of human health and the environment. Constituents that are present at levels at or below these values are not considered to be a risk to human health. TNRCC has calculated soil RRSs Number 2 for residential and industrial scenarios based on two pathways: (1) ingestion of soil and inhalation of particulates and volatiles and, (2) a soil-to-groundwater cross-media protection concentration. Selenium was screened against the more conservative of the two standards (soil-to-groundwater cross-media protection concentration) for an industrial land use scenario and was not present above TNRCC RRSs Number 2. In addition, selenium was not detected above the residential soil-to-groundwater cross-media protection concentration. Table 5.1 summarizes screening results above TNRCC RRSs Number 1 for constituents at FH-023. Appendix F contains the results of the screening analysis in its entirety. Figure 4.1 presents the sample locations and analytical results above screening criteria.

Because there are no background concentration data for organic constituents, these constituents were screened against chemical-specific PQL values. Organic constituents detected above PQLs included; methylene chloride, 2-butanone, toluene, and naphthalene. Organic constituents detected above PQLs were further screened using TNRCC RRSs Number 2. The TNRCC RRSs Number 2 for soils are numerical values established by the TNRCC as protective of human health and the environment. Constituents that are present at levels at or below these values are not considered to be a risk to human health. TNRCC has calculated soil RRSs Number 2 for residential and industrial scenarios based on two pathways: (1) ingestion of soil and inhalation of particulates and volatiles and, (2) a soil-to-groundwater cross-media protection concentration. Organic constituents were screened against the more conservative of the two standards (soil-to-groundwater cross-media protection concentration) for an industrial land use scenario. None of the organic constituents detected above PQLs in surface or subsurface materials at FH-023 were present above TNRCC RRSs Number 2. In addition, none of the organic constituents were detected above the residential soil-to-groundwater cross-media protection concentration. Table 5.1 summarizes screening results for organic constituents at FH-023. Appendix F contains the results of the screening analysis in its entirety. Figure 4.1 presents the sample locations and analytical results above screening criteria.

Table 5.1 Comparison of Constituents Detected Above TNRCC RRSs Number 1 to TNRCC RRSs Number 2

Analyte	Maximum Concentration (mg/kg)	Depth (ft)	TNRCC Criteria Industrial* (mg/kg)	TNRCC Criteria Residential* (mg/kg)
Selenium	0.39	0-2	5	5
Methylene Chloride	0.01	0-2	0.5	0.5
2-Butanone	0.13	3-4	511	183
Toluene	0.034	3-4	100	100
Naphthalene	0.008	3-4	409	146

* soil-to-groundwater cross-media protection concentration

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 USEPA SW-846 or other approved procedures for analytical chemistry and physical testing methods were followed for field and laboratory quality assurance/quality control (QA/QC) of FH-023 samples. Field QC samples included trip blanks, rinsate blanks, field duplicates, and split samples. All QA and QC samples were collected as replicate samples of the same field sample. The QA and QC samples were collected at a frequency of 10 percent and analyzed along with the associated environmental samples. Laboratory QC procedures as prescribed by each analytical method were followed by the contract laboratory and included, 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.

Quality control analyses 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' Southwestern Division 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).

It should be noted that replication of a concentration of a constituent in soil samples is difficult due to the heterogeneity of soils. Analyses are considered good and reproducible for soil samples if the highest concentration reported in a set of samples for a single field sample is less than five times the lowest concentration reported in the same set of samples. This holds true as long as all other quality control measures and data quality objectives (e.g. holding times, surrogate recoveries, internal standards, etc.) are met.

According to the CQAR, the following were weaknesses in the data for FH-023:

- potential for false negatives in samples SB106 and SB107 for dichlorodifluoromethane, 2-chloroethyl vinyl ether, and 1-chlorohexane due to LCS and LCSD not meeting QC criteria;
- potential for false positives in samples SB108 and SB105 for methylene chloride due to its presence in the method blank; and
- QA, QC, and field sample results agreed for all analyses except for acetone, that was detected in the QA sample but not the other two.

Based on these findings and a review of the data results, the data is useable as qualified and the potential weaknesses do not impact the conclusions of this report.

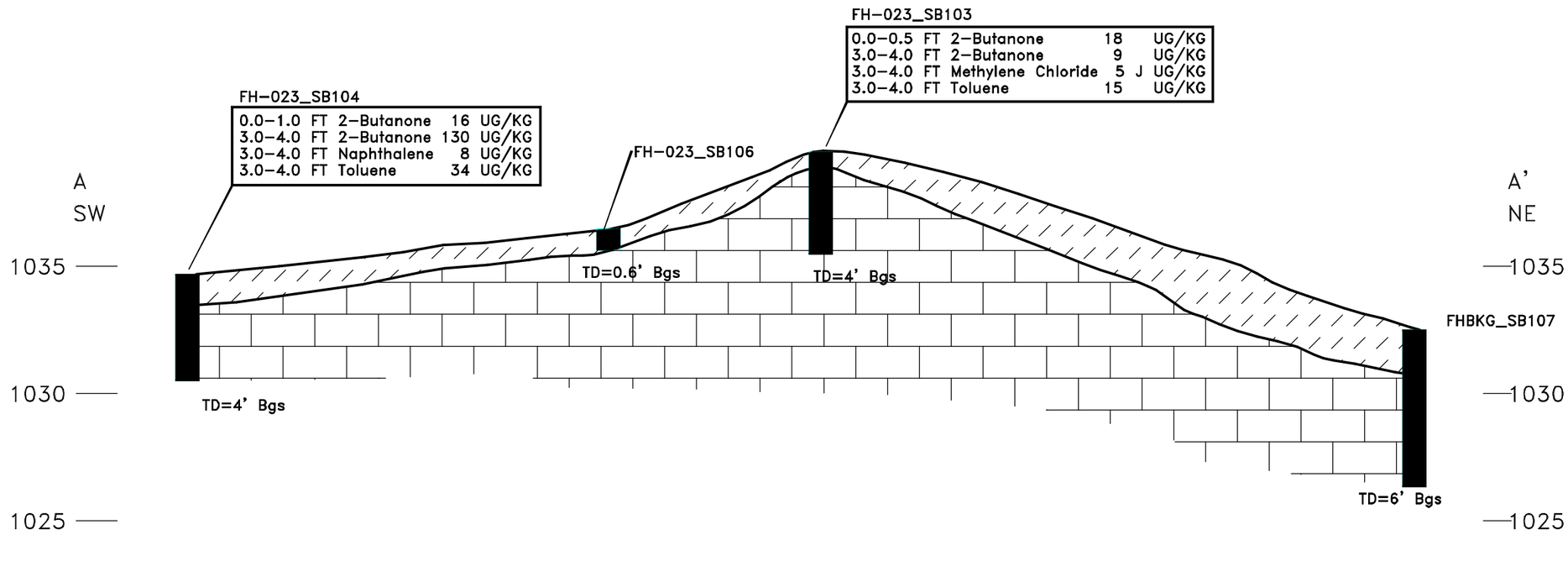
Data QA/QC procedures also included an independent data validation of 10 percent of the results for compliance of analyses to data quality objectives. All results for FH-023 data that were reviewed as a function of the data validation task met project data quality objectives and are usable data, with the exception of selenium results for 10 background soil samples (2 surface and 8 subsurface). The selenium results where rejected due to unacceptable matrix spike recoveries and were therefore excluded from background calculations. The rejected background data had no impact on the FH-023 results. No other problems with the data were encountered. A copy of the laboratory results and the associated quality control sample results are included in Appendix B.

6.2 INVESTIGATION RESULTS

The data set for surface and subsurface soils at FH-023 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 22 soil samples were collected from eight soil boring locations and analyzed according to the Final RCRA Facility Investigation Work Plan for 35 SWMUs (USACE 1995). Analytical results indicate that inorganic compounds except selenium were present in FH-023 surface and subsurface soils below corresponding 95% UTL background concentrations. Selenium was detected at a low estimated concentration in one surface sample at a concentration approximate to the PQL or TNRCC RRS 1. Selenium is not believed to be from a release from fire training activities, but rather a data anomaly. The selenium concentration was not above TNRCC RRS Number 2 for residential and industrial land use.

Up to fifteen feet of soils from the lower elevations of the original depression at FH-023 were excavated and regraded during construction in 1986 of Building 90094 and associated facilities (e.g. helicopter wash rack, parking lots, apron, etc.). It is very likely that soils directly associated with the fire training area were excavated and removed/reworked during the construction. The soil, consisting predominantly of weathered limestone material, was removed from the lower elevations, and the slopes to the southeast were re-graded extensively. The grading was designed to direct the surface water drainage across the site toward the toe of the adjacent southeastern slope. The removed soils were likely used as backfill at other construction locations and are likely to currently be covered by an impermeable layer (asphalt or concrete). Compounds associated with fire training exercises, i.e., PAHs, are less mobile and would likely have been present in the surface soils removed from the area. The more mobile constituents, the volatile organics, would be detected in low concentrations in deeper soils remaining at the site. However, the organic compounds detected above PQLs at FH-023 are commonly used and the presence of these constituents could be due to activities currently taking place on or near the site. Potential activities at the adjacent parking lot or the nearby wash rack such as vehicle exhaust, storm water runoff, pavement maintenance, and wash rack discharge could attribute to the presence of these constituents at the detected low levels at FH-023.

Organic constituents detected in soils above PQLs included methylene chloride, toluene, 2-butanone (MEK), and naphthalene. Methylene chloride (SB101), 2-butanone (SB103, SB104) and toluene (SB108) were detected in surface soils. Methylene chloride was detected at 15 -20 ft BGS and at 20-25 ft BGS in SB101. Methylene chloride was detected at SB102 at 2-5 ft BGS and 10-15 ft BGS. 2-Butanone was also detected at SB102 at 15 -20 ft BGS. Toluene, methylene chloride, and 2-butanone were detected at 3-4 ft BGS at SB103. Toluene, 2-butanone, and naphthalene were detected at 3-4 ft BGS at SB104. Figures 6.1 and 6.2 show cross sections of FH-023 and depicts the depths at which these organic constituents were detected. The following discussion presents a rational for not attributing these organic contaminants to fire training activities at FH-023. None of the organic constituents were detected at concentrations above TNRCC RRSs Number 2 for residential and industrial land use.



SCALE:

HORIZONTAL ~ 1" = 5M

VERTICAL ~ 1" = 5'

LEGEND

CLAY

BLUE-GREY LIMESTONE

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

CROSS SECTION A A'
FH-023

SAIC® *Science Applications International Corporation* *Columbus, Ohio*

DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	FIGURE NO.
SC			AS SHOWN		6.1

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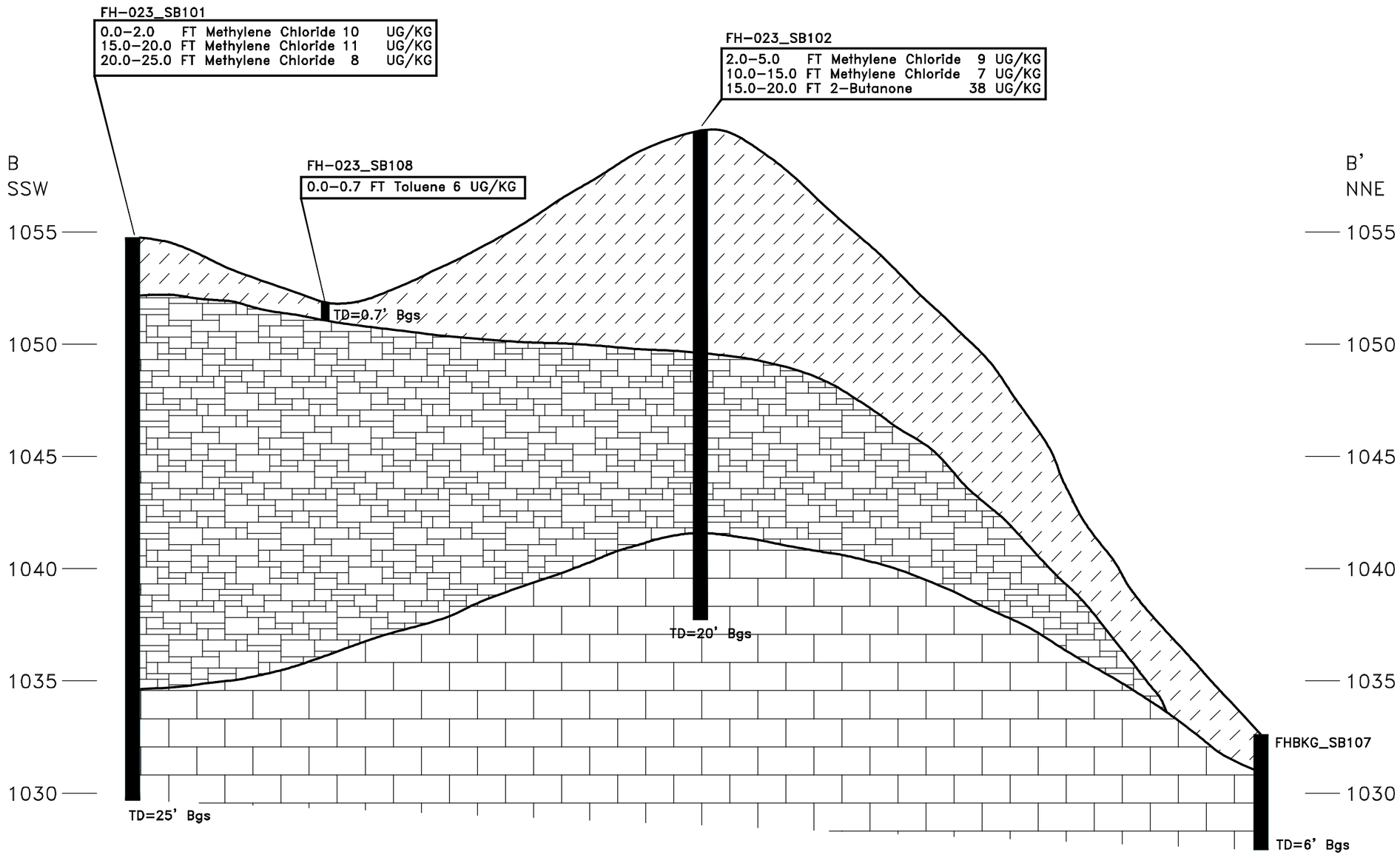

SCALE:

HORIZONTAL ~ 1" = 5M

VERTICAL ~ 1" = 5'

LEGEND

CLAY

TAN WEATHERED LIMESTONE

GREY LIMESTONE

U.S. ARMY
FORT HOOD, TEXAS

RCRA FACILITY INVESTIGATION

CROSS SECTION B B'
FH-023

Science Applications International Corporation — Columbus, Ohio

DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	FIGURE NO.
SC			AS SHOWN		6.2

NAME: S:\HOOD\P2\INFO.DWG DATE: MAR 30, 1999 TIME: 11:40 AM PCP: S:\HOOD\PCP\FRP.PCP

Methylene Chloride

Methylene chloride was detected in seven soil samples from four soil borings ranging in concentration from 2 to 9 ?g/Kg, and ranging from a depth of 3.0 to 25.0 ft. The following evidence exists to support the conclusion that the methylene chloride values are false positives.

1.) Methylene chloride was detected in SB101 and SB102. Both of these borings were: located on top of the hill to the south and southeast of the fire training pit in areas that were undisturbed by the 1986 construction activities, and unlikely to be areas where fire training activities took place. Fire training activities more likely occurred in the nearby depression. If fire training activities had taken place on or near the locations of these borings, then heavier less volatile compounds (e.g. semivolatiles including PAHs would have also been found).

2.) Methylene chloride was detected in the 0.0-0.9 ft sample from SB105 and in the 0.0 -0.66 ft sample from SB108. Data validation of these samples indicates these were false positives due to the presence of methylene chloride in the associated laboratory method blank.

3.) Methylene chloride is a common laboratory contaminant, and it is not unusual for false positives to occur in environmental samples at such low concentrations with no discernable source.

For these reasons, all the methylene chloride values are considered suspect and are not due to the old fire training activities.

2-Butanone (MEK)

2-Butanone (a.k.a., methyl ethyl ketone, or MEK) was found in five samples in three borings. MEK was detected at a concentration of 38 ?g/Kg in the 15.0 to 20.0 ft sample from SB102; 18 ?g/Kg in the surface sample and 9 ?g/Kg in the 3.0 to 4.0 ft sample from SB103; and 16 ?g/Kg in the surface sample and 130 ?g/Kg in the 3.0 to 4.0 ft sample from SB104. The veracity of the MEK data is in doubt for the following reasons.

1.) MEK was detected in the 0.0 to 0.5 ft sample from SB103, and in the 0.0 to 1.0 ft sample from SB104. If the source of this substance were indeed the past fire training activities, such a volatile compound would not be expected to persist in surface soils in such a warm climate after almost 15 years of exposure. The presence of MEK in these shallow samples could be from another more recent source other than past fire training activities.

2.) MEK is a common laboratory contaminant, and it is not unusual for false positive to occur in environmental samples with no discernable source.

3.) The eight soil boring were performed in two groups four months apart. All of the MEK detection were observed in the first group of four borings (SB101 through SB104), with none detected in the second set (SB105 through SB108). MEK was detected in SB103 and SB104, but not in SB106 which lies between these two borings. This could be indicative of a systematic error in the first sampling event or analytical batch that disappeared in the second sampling event or analytical batch.

For the above listed reasons, the MEK values are considered suspect and are likely to represent false positives. The only exception to this could be the 130 ?g/Kg MEK detected at 3.0 to 4.0 ft in SB104. It

should be noted that sample SB104 had the most number of detected VOCs along with some relatively high concentrations. Sample SB104 was taken directly inside the curbed areas of the parking lot and the wash rack areas and SB103 and SB108 were situated directly within the surface drainage pathway across the site. The first sampling event occurred under wet conditions with standing water throughout the FH-023 area. Therefore, the most likely source for the presence of MEK could be contaminated runoff from the adjacent automobile and aircraft parking areas, taxiways, or nearby vehicle wash racks.

Toluene

Toluene was found in four soil samples in three borings in concentration ranging from 4J ?g/Kg to 34 ?g/Kg in depths from surface to 4.0 feet. Toluene is an aromatic compound often associated with light petroleum fuels such as gasoline and diesel along with other BTEX compounds (i.e., benzene, toluene, ethyl benzene, and xylenes). The following are reasons for not attributing toluene contamination with fire training activities.

1.) Two of the four detections were in surface samples (SB104 and SB108). Toluene would have evaporated or would have been biodegraded after approximately 15 years of exposure in Fort Hood's warm climate. This indicates that the source of toluene could not be past fire training activities. However, it does not preclude a more recent source such as the nearby automobile parking lot, aircraft maintenance hangar, a helicopter flight line, and an helicopter wash rack area.

2.) Toluene is a common laboratory contaminant, and it is not unusual for false positives to occur in environmental samples with no discernable source. However, the locations where toluene was detected are all relatively close to and immediately down-gradient from a washing station (wash rack). Drainage or runoff from nearby areas or facilities could contain fuel and residuals including BTEX (toluene) compounds that would be deposited down-gradient from these areas.

Naphthalene

Naphthalene was detected in only one sample at a concentration of 8 ?g/Kg at a depth of 3.0 to 4.0 ft in SB104 by USEPA SW846 Method 8260 for VOCs. The following are reasons to suspect the naphthalene result.

1.) Naphthalene is one of about 17 polynuclear aromatic hydrocarbons (PAHs) that are commonly found in heavier fuels and oils and is more commonly and accurately analyzed by using USEPA SW846 Method 8270 for semivolatile compounds (SVOCs). The naphthalene was detected at FH-023 using Method 8260 for VOCs at a concentration of 8 ?g/Kg compared to a detection limit of 5 ?g/Kg and was not detected by the more accurate and accepted Method 8270 for SVOCs.

2.) When found as an environmental contaminant, naphthalene is more commonly detected with one or more of its sister PAH compounds (e.g., acenaphthene, acenaphthalene, anthracene, fluoranthene, phenanthrene, pyrene, chrysene, etc.) using Method 8270. No other PAHs were detected in any sample at FH-023.

3.) Sample SB104 was located within the curbed areas of the parking lots and wash rack areas. This sample was collected during a wet period and runoff from nearby locations and current activities could explain the low detection.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Analytical results for soils at FH-023 indicate that inorganic constituents detected in surface and subsurface soils at the unit are not present at concentrations that exceed the 95% UTL background concentration for the compound except for selenium. Selenium was detected in one surface soil sample at an estimated concentration at approximately the PQL. No 95% UTL value was available for selenium due to all nondetects in the background samples. Therefore based on professional judgement, selenium does not exceed TNRCC RRS Number 1 at the site. TNRCC RRS Number 2 for selenium was not exceeded.

Organic constituents including: methylene chloride, 2-butanone, and toluene were present in surface and subsurface soils/materials at the unit at low concentrations. No semivolatile compounds, by the appropriate USEPA SW846 Method 8270, indicative of fire training exercises were detected at the site. The detected organic compounds are individually discussed in Section 6.2 to present the validity and consistency of the results with past and current activities. In summary, based on professional judgement, the detected VOCs are low concentrations of common laboratory organic contaminants and are not present due to fire training activities from 1960 through 1980. The more likely explanation for the presence of the VOCs, based on the locations of the samples with detected compounds, is runoff from current activities such as from parking areas, taxiways, and vehicle wash racks. Additionally, in 1986 much of the natural soils (up to 15 feet of overburden) were removed and/or regraded at this site during the construction of Building 90094. Based on the results of this RFI investigation, no further action is recommended and FH-023 should be considered closed under TNRCC RRSs Number 1.

8.0 REFERENCES

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APPENDIX A

FH-023 Soil Boring Logs

RCRA
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Fort Hood, Texas

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Fort Worth, Texas

Boring FH023-SB101

(Page 1 of 1)

SWMU FH023	: Old Fire Training Area
Start Date	: 02/18/97
End Date	: 02/18/97
Northing Coord.	: 3438285.56 m
Easting Coord.	: 612200.16 m UTM 14 North
Total Depth of Boring	: 25.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Mike
Depth to Bedrock	: 20.0 feet
Depth Drilled Into Rock	: 5.0 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	CL			CLAY; limestone fragments; moist; soft; 10YR3/3 dark brown.	
1	-1					
2	-2	LS			LIMESTONE, weathered; some tan clay; tan-buff, 10YR8/4 very pale brown.	80% recovery 0.0-5.0' bgs.
3	-3					
4	-4					
5	-5	NR			No recovery.	
6	-6					
7	-7					
8	-8					
9	-9					
10	-10	LS			LIMESTONE, weathered; moist; firm; tan-buff, 10YR8/4 very pale brown.	50% recovery 10.0-15.0' bgs.
11	-11					
12	-12					
13	-13					
14	-14					
15	-15				Same as above.	
16	-16					
17	-17					
18	-18					
19	-19				Same as above; trace grey limestone.	
20	-20	LS SH			LIMESTONE/SHALE; dry; firm; 10YR6/1 gray.	Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
21	-21					
22	-22					
23	-23					
24	-24					
25	-25				Bottom of Boring @ 25.0' bgs.	
26						

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Fort Worth, Texas

Boring FH023-SB102

SWMU FH023	: Old Fire Training Area
Start Date	: 02/18/97
End Date	: 02/18/97
Northing Coord.	: 3438343.61 m
Easting Coord.	: 612213.33 m UTM 14 North
Total Depth of Boring	: 20.0 feet

Drilling Company	: Terra-Mar
Driller	: Bill Christopher
Designation of Drill	: Mobile Drill B-59
Type of Drill Rig	: Hollow Stem Auger
Geologist	: Mike McDonald
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	CL			CLAY; moist; plastic; 10YR5/4 yellowish brown.	60% recovery.
5	-5				Same as above.	
8	-8				Transition from yellowish brown clay to pale brown weathered limestone.	
10	-10	LS			LIMESTONE, weathered; tan-buff, 10YR8/4 very pale brown.	
18	-18	LS SH			Transition from tan-buff limestone to LIMESTONE/SHALE; dry; hard; 10YR6/1 gray.	
20	-20				Bottom of Boring @ 20.0' bgs.	
25	-25					

Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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Fort Worth, Texas

Boring FH023-SB103

SWMU FH023	: Old Fire Training Area
Start Date	: 02/04/97
End Date	: 02/04/97
Northing Coord.	: 3438365.18 m
Easting Coord.	: 612177.87 m UTM 14 North
Total Depth of Boring	: 4.0 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	: 0.5 feet
Depth Drilled Into Rock	: 3.5 feet
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	CL			Silty CLAY; roots; weathered limestone fragments; damp; soft; highly plastic; 2.5Y3/1 very dark gray.	Sample 23SB101 collected 0.0-0.5' bgs.
1	-1	LS			LIMESTONE, weathered; dry; blue-gray.	
2	-2					
3	-3				Same as above; dry.	Sample 23SB102 collected 3.0-4.0' bgs.
4	-4				Bottom of Boring @ 4.0' bgs.	
5	-5					
6	-6					
7	-7					
8	-8					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
9	-9					
10						

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Fort Worth, Texas

Boring FH023-SB104

(Page 1 of 1)

SWMU FH023	: Old Fire Training Area
Start Date	: 02/04/97
End Date	: 02/04/97
Northing Coord.	: 3438314.35 m
Easting Coord.	: 612134.26 m UTM 14 North
Total Depth of Boring	: 4.0 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	: 1.0 feet
Depth Drilled Into Rock	: 3.0 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	CL			Silty CLAY; roots; weathered limestone fragments; damp; soft; highly plastic; 2.5Y3/1 very dark gray.	Sample 23SB103 collected 0.0-0.5' bgs.
		CL			Silty CLAY; tan weathered limestone fragments; trace asbestos like material; dry; hard; non-plastic; 2.5Y7/4 pale yellow.	
1	-1	LS			LIMESTONE, weathered; dry; blue-gray.	
2	-2					
3	-3				Same as above; dry.	Sample 23SB104 collected 3.0-4.0' bgs.
4	-4				Bottom of Boring @ 4.0' bgs.	
5	-5					
6	-6					
7	-7					
8	-8					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
9	-9					
10						

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Boring FH023-SB105

(Page 1 of 1)

SWMU FH023	: Old Fire Training Area
Start Date	: 09/20/97
End Date	: 09/20/97
Northing Coord.	: 3438363.03 m
Easting Coord.	: 612111.06 m UTM 14 North
Total Depth of Boring	: 0.9 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	: 0.9 feet
Depth Drilled Into Rock	: 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	LO			Sandy LOAM; with gravel, <15mm, rounded; dry; hard; non-plastic; 2.5Y3/2 very dark grayish brown.	Sample 23SB118 collected 0.75-0.9' bgs.
					Plastic membrane weed barrier.	
		ML			Sandy SILT; some gravel, <25mm, limestone; and clay; slightly moist to dry; medium firm; 10YR7/3 very pale brown.	
1	-1				Bottom of Boring @ 0.9' bgs. Refusal Limestone Bedrock.	
2	-2					Note: During drilling of SB105, the CGI, 02 = 20.8%, LEL = 0% and PID = 0 ppm.
3	-3					
4	-4					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
5						

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Fort Worth, Texas

Boring FH023-SB106

SWMU FH023	: Old Fire Training Area
Start Date	: 09/20/97
End Date	: 09/20/97
Northing Coord.	: 3438363.03 m
Easting Coord.	: 612111.06 m UTM 14 North
Total Depth of Boring	: 0.6 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	: 0.6 feet
Depth Drilled Into Rock	: <0.1 feet
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	LO			Sandy LOAM; with gravel, <15mm, rounded; dry; hard; non-plastic; 2.5Y3/2 very dark grayish brown.	Samples 23SB115, duplicate, split sample, and MS/MSD collected 0.0-0.6' bgs.
					Bottom of Boring @ 0.6' bgs. Refusal Limestone Bedrock.	
1	-1					
2	-2					Note: During drilling of SB106, the CGI, 02 = 20.8%, LEL = 0% and PID = 0 ppm.
3	-3					
4	-4					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
5						

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Boring FH023-SB107

SWMU FH023	: Old Fire Training Area
Start Date	: 09/20/97
End Date	: 09/20/97
Northing Coord.	: 3438363.03 m
Easting Coord.	: 612111.06 m UTM 14 North
Total Depth of Boring	: 0.75 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	: 0.75 feet
Depth Drilled Into Rock	: <0.1 feet
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	LO			Sandy LOAM; with gravel, <15mm, rounded; dry; hard; non-plastic; 2.5Y3/2 very dark grayish brown.	Sample 23SB117 collected 0.0-0.75' bgs.
1	-1				Bottom of Boring @ 0.75' bgs. Refusal Limestone Bedrock.	
2	-2					Note: During drilling of SB107, the CGI, O2 = 20.8%, LEL = 0% and PID = 0 ppm.
3	-3					
4	-4					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
5						

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Boring FH023-SB108

SWMU FH023	: Old Fire Training Area
Start Date	: 09/20/97
End Date	: 09/20/97
Northing Coord.	: 3438315.05 m
Easting Coord.	: 612164.21 m UTM 14 North
Total Depth of Boring	: 0.7 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	: 0.7 feet
Depth Drilled Into Rock	: <0.1 feet
Borehole Diameter	: 8 inches
Sampling Equipment	: 4.25" Augers

Depth in feet	Surf. Elev. NS	USCS	GRAPHIC	Water Levels	DESCRIPTION	REMARKS
0	0	LO			Sandy LOAM; with gravel, <15mm, rounded; dry; hard; non-plastic; 2.5Y3/2 very dark grayish brown.	Sample 23SB116 collected 0.0-0.7' bgs.
					Bottom of Boring @ 0.7' bgs. Refusal Limestone Bedrock.	
1	-1					
2	-2					Note: During drilling of SB108, the CGI, 02 = 20.8%, LEL = 0% and PID = 0 ppm.
3	-3					
4	-4					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
5						

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FH-023 Analytical Results

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-38-2	Arsenic	6.8	0.38	mg/kg			SW846 6010
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-39-3	Barium	106	0.07	mg/kg			SW846 6010
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-43-9	Cadmium	0.28	0.06	mg/kg	B		SW846 6010
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-47-3	Chromium	17.6	0.09	mg/kg			SW846 6010
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7439-92-1	Lead	10.6	0.22	mg/kg			SW846 6010
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7439-97-6	Mercury	0.04	0.04	mg/kg	U	U	SW846 7470
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7782-49-2	Selenium	1.4	1.4	mg/kg	U	U	SW846 6010
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-22-4	Silver	0.21	0.21	mg/kg	U	U	SW846 6010
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-94-3	1,2,4,5-Tetrachlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-82-1	1,2,4-Trichlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-50-1	1,2-Dichlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	541-73-1	1,3-Dichlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-46-7	1,4-Dichlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-60-1	2,2'-oxybis(1-chloropropane)	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-95-4	2,4,5-Trichlorophenol	2000	2000	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	88-06-2	2,4,6-Trichlorophenol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-83-2	2,4-Dichlorophenol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	105-67-9	2,4-Dimethylphenol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	51-28-5	2,4-Dinitrophenol	2000	2000	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	121-14-2	2,4-Dinitrotoluene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	606-20-2	2,6-Dinitrotoluene	410	410	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-58-7	2-Chloronaphthalene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-57-8	2-Chlorophenol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-57-6	2-Methylnaphthalene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-48-7	2-Methylphenol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	88-74-4	2-Nitroaniline	2000	2000	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	88-75-5	2-Nitrophenol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-94-1	3,3'-Dichlorobenzidine	810	810	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	99-09-2	3-Nitroaniline	2000	2000	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	534-52-1	4,6-Dinitro-o-Cresol	2000	2000	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	101-55-3	4-Bromophenyl-phenyl Ether	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-47-8	4-Chloroaniline	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7005-72-3	4-Chlorophenyl-phenylether	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-44-5	4-Methylphenol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-01-6	4-Nitroaniline	2000	2000	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-02-7	4-Nitrophenol	2000	2000	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	59-50-7	4-chloro-3-methylphenol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	83-32-9	Acenaphthene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	208-96-8	Acenaphthylene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-12-7	Anthracene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	56-55-3	Benzo(a)anthracene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	50-32-8	Benzo(a)pyrene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	205-99-2	Benzo(b)fluoranthene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	191-24-2	Benzo(g,h,i)perylene	410	410	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	207-08-9	Benzo(k)fluoranthene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	65-85-0	Benzoic Acid	2000	2000	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-51-6	Benzyl Alcohol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	111-91-1	Bis(2-chloroethoxy)methane	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	111-44-4	Bis(2-chloroethyl)ether	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	117-81-7	Bis(2-ethylhexyl)phthalate	250	410	ug/kg	JB	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	85-68-7	Butyl Benzyl Phthalate	360	410	ug/kg	J	J	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	218-01-9	Chrysene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	84-74-2	Di-n-butyl Phthalate	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	117-84-0	Di-n-octyl Phthalate	73	410	ug/kg	J	J	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	53-70-3	Dibenz(a,h)anthracene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	132-64-9	Dibenzofuran	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	84-66-2	Diethyl Phthalate	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	131-11-3	Dimethyl Phthalate	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	206-44-0	Fluoranthene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	86-73-7	Fluorene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	118-74-1	Hexachlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-68-3	Hexachlorobutadiene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	77-47-4	Hexachlorocyclopentadiene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	67-72-1	Hexachloroethane	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	193-39-5	Indeno(1,2,3-cd)pyrene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	78-59-1	Isophorone	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	621-64-7	N-Nitroso-di-n-propylamine	410	410	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	86-30-6	N-Nitrosodiphenylamine	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-20-3	Naphthalene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	98-95-3	Nitrobenzene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-86-5	Pentachlorophenol	2000	2000	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	85-01-8	Phenanthrene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-95-2	Phenol	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	129-00-0	Pyrene	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	110-86-1	Pyridine	410	410	ug/kg	U	U	SW846 8270
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	630-20-6	1,1,1,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	71-55-6	1,1,1-Trichloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	79-34-5	1,1,2,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	79-00-5	1,1,2-Trichloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-34-3	1,1-Dichloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-35-4	1,1-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	563-58-6	1,1-Dichloropropene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-61-6	1,2,3-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	96-18-4	1,2,3-Trichloropropane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-82-1	1,2,4-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-63-6	1,2,4-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-93-4	1,2-Dibromoethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-50-1	1,2-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	107-06-2	1,2-Dichloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	78-87-5	1,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	156-59-2	1,2-cis-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	96-12-8	1,2-dibromo-3-chloropropane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	156-60-5	1,2-trans-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-67-8	1,3,5-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	541-73-1	1,3-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	142-28-9	1,3-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-46-7	1,4-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	594-20-7	2,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	78-93-3	2-Butanone	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-49-8	2-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	591-78-6	2-Hexanone	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-43-4	4-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-10-1	4-Methyl-2-pentanone	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	67-64-1	Acetone	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	71-43-2	Benzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-86-1	Bromobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-97-5	Bromochloromethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-27-4	Bromodichloromethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-25-2	Bromoform	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-83-9	Bromomethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	56-23-5	Carbon Tetrachloride	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-90-7	Chlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-00-3	Chloroethane	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	67-66-3	Chloroform	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-87-3	Chloromethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	124-48-1	Dibromochloromethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-95-3	Dibromomethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-71-8	Dichlorodifluoromethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-41-4	Ethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-68-3	Hexachlorobutadiene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	98-82-8	Isopropyl Benzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-09-2	Methylene Chloride	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-20-3	Naphthalene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-42-5	Styrene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	127-18-4	Tetrachloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-88-3	Toluene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	79-01-6	Trichloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-69-4	Trichlorofluoromethane	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-01-4	Vinyl Chloride	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	13-302-07	m,p-Xylene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	104-51-8	n-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	103-65-1	n-propylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-47-6	o-Xylene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	99-87-6	p-Isopropyltoluene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	135-98-8	sec-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	23SB105	FH023-SB105/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	98-06-6	tert-Butylbenzene	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	7440-38-2	Arsenic	2.3	0.33	mg/kg			SW846 6010
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	7440-39-3	Barium	5.5	0.06	mg/kg			SW846 6010
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	7440-43-9	Cadmium	0.11	0.05	mg/kg	B		SW846 6010
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	7440-47-3	Chromium	5.5	0.08	mg/kg			SW846 6010
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	7439-92-1	Lead	1.6	0.19	mg/kg			SW846 6010
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	7439-97-6	Mercury	0.03	0.04	mg/kg	U	U	SW846 7470
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	7782-49-2	Selenium	0.24	0.24	mg/kg	UW	UJ	SW846 6010
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	7440-22-4	Silver	0.18	0.18	mg/kg	U	U	SW846 6010
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	95-94-3	1,2,4,5-Tetrachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	120-82-1	1,2,4-Trichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	95-50-1	1,2-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	541-73-1	1,3-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	106-46-7	1,4-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	108-60-1	2,2'-oxybis(1-chloropropane)	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	95-95-4	2,4,5-Trichlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	88-06-2	2,4,6-Trichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	120-83-2	2,4-Dichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	105-67-9	2,4-Dimethylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	51-28-5	2,4-Dinitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	121-14-2	2,4-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	606-20-2	2,6-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	91-58-7	2-Chloronaphthalene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	95-57-8	2-Chlorophenol	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	91-57-6	2-Methylnaphthalene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	95-48-7	2-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	88-74-4	2-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	88-75-5	2-Nitrophenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	91-94-1	3,3'-Dichlorobenzidine	710	710	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	99-09-2	3-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	534-52-1	4,6-Dinitro-o-Cresol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	101-55-3	4-Bromophenyl-phenyl Ether	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	106-47-8	4-Chloroaniline	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	7005-72-3	4-Chlorophenyl-phenylether	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	106-44-5	4-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	100-01-6	4-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	100-02-7	4-Nitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	59-50-7	4-chloro-3-methylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	83-32-9	Acenaphthene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	208-96-8	Acenaphthylene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	120-12-7	Anthracene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	56-55-3	Benzo(a)anthracene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	50-32-8	Benzo(a)pyrene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	205-99-2	Benzo(b)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	191-24-2	Benzo(g,h,i)perylene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	207-08-9	Benzo(k)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	65-85-0	Benzoic Acid	1700	1700	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	100-51-6	Benzyl Alcohol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	111-91-1	Bis(2-chloroethoxy)methane	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	111-44-4	Bis(2-chloroethyl)ether	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	117-81-7	Bis(2-ethylhexyl)phthalate	190	350	ug/kg	JB	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	85-68-7	Butyl Benzyl Phthalate	78	350	ug/kg	J	J	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	218-01-9	Chrysene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	84-74-2	Di-n-butyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	117-84-0	Di-n-octyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	53-70-3	Dibenz(a,h)anthracene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	132-64-9	Dibenzofuran	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	84-66-2	Diethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	131-11-3	Dimethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	206-44-0	Fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	86-73-7	Fluorene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	118-74-1	Hexachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	87-68-3	Hexachlorobutadiene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	77-47-4	Hexachlorocyclopentadiene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	67-72-1	Hexachloroethane	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	193-39-5	Indeno(1,2,3-cd)pyrene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	78-59-1	Isophorone	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	621-64-7	N-Nitroso-di-n-propylamine	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	86-30-6	N-Nitrosodiphenylamine	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	91-20-3	Naphthalene	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	98-95-3	Nitrobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	87-86-5	Pentachlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	85-01-8	Phenanthrene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	108-95-2	Phenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	129-00-0	Pyrene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	110-86-1	Pyridine	350	350	ug/kg	U	U	SW846 8270
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	71-55-6	1,1,1-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	79-00-5	1,1,2-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	75-34-3	1,1-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	75-35-4	1,1-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	563-58-6	1,1-Dichloropropene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	87-61-6	1,2,3-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	96-18-4	1,2,3-Trichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	120-82-1	1,2,4-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	95-63-6	1,2,4-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	106-93-4	1,2-Dibromoethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	95-50-1	1,2-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	107-06-2	1,2-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	78-87-5	1,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	156-59-2	1,2-cis-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	156-60-5	1,2-trans-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	108-67-8	1,3,5-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	541-73-1	1,3-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	142-28-9	1,3-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	106-46-7	1,4-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	594-20-7	2,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	78-93-3	2-Butanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	95-49-8	2-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	591-78-6	2-Hexanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	106-43-4	4-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	108-10-1	4-Methyl-2-pentanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	67-64-1	Acetone	5	5	ug/kg	J	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	71-43-2	Benzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	108-86-1	Bromobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	74-97-5	Bromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	75-27-4	Bromodichloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	75-25-2	Bromoform	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	74-83-9	Bromomethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	56-23-5	Carbon Tetrachloride	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	108-90-7	Chlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	75-00-3	Chloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	67-66-3	Chloroform	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	74-87-3	Chloromethane	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	124-48-1	Dibromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	74-95-3	Dibromomethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	75-71-8	Dichlorodifluoromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	100-41-4	Ethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	87-68-3	Hexachlorobutadiene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	98-82-8	Isopropyl Benzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	75-09-2	Methylene Chloride	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	91-20-3	Naphthalene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	100-42-5	Styrene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	127-18-4	Tetrachloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	108-88-3	Toluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	79-01-6	Trichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	75-69-4	Trichlorofluoromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	75-01-4	Vinyl Chloride	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	13-302-07	m,p-Xylene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	104-51-8	n-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	103-65-1	n-propylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	95-47-6	o-Xylene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	99-87-6	p-Isopropyltoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	135-98-8	sec-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB106	FH023-SB106/02-18-97/9.0-10.0	02/18/1997	9.0-10.0	98-06-6	tert-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-38-2	Arsenic	2.8	0.34	mg/kg			SW846 6010
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-39-3	Barium	6.5	0.07	mg/kg			SW846 6010

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-43-9	Cadmium	0.14	0.05	mg/kg	B		SW846 6010
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-47-3	Chromium	5.1	0.08	mg/kg			SW846 6010
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7439-92-1	Lead	2.6	0.20	mg/kg			SW846 6010
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7439-97-6	Mercury	0.03	0.04	mg/kg	U	U	SW846 7470
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7782-49-2	Selenium	0.24	0.24	mg/kg	UW	UJ	SW846 6010
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-22-4	Silver	0.18	0.18	mg/kg	U	U	SW846 6010
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-94-3	1,2,4,5-Tetrachlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	120-82-1	1,2,4-Trichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-50-1	1,2-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	541-73-1	1,3-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-46-7	1,4-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-60-1	2,2'-oxybis(1-chloropropane)	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-95-4	2,4,5-Trichlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	88-06-2	2,4,6-Trichlorophenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	120-83-2	2,4-Dichlorophenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	105-67-9	2,4-Dimethylphenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	51-28-5	2,4-Dinitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	121-14-2	2,4-Dinitrotoluene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	606-20-2	2,6-Dinitrotoluene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-58-7	2-Chloronaphthalene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-57-8	2-Chlorophenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-57-6	2-Methylnaphthalene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-48-7	2-Methylphenol	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	88-74-4	2-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	88-75-5	2-Nitrophenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-94-1	3,3'-Dichlorobenzidine	720	720	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	99-09-2	3-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	534-52-1	4,6-Dinitro-o-Cresol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	101-55-3	4-Bromophenyl-phenyl Ether	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-47-8	4-Chloroaniline	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7005-72-3	4-Chlorophenyl-phenylether	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-44-5	4-Methylphenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-01-6	4-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-02-7	4-Nitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	59-50-7	4-chloro-3-methylphenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	83-32-9	Acenaphthene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	208-96-8	Acenaphthylene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	120-12-7	Anthracene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	56-55-3	Benzo(a)anthracene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	50-32-8	Benzo(a)pyrene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	205-99-2	Benzo(b)fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	191-24-2	Benzo(g,h,i)perylene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	207-08-9	Benzo(k)fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	65-85-0	Benzoic Acid	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-51-6	Benzyl Alcohol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	111-91-1	Bis(2-chloroethoxy)methane	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	111-44-4	Bis(2-chloroethyl)ether	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	117-81-7	Bis(2-ethylhexyl)phthalate	160	360	ug/kg	JB	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	85-68-7	Butyl Benzyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	218-01-9	Chrysene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	84-74-2	Di-n-butyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	117-84-0	Di-n-octyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	53-70-3	Dibenz(a,h)anthracene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	132-64-9	Dibenzofuran	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	84-66-2	Diethyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	131-11-3	Dimethyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	206-44-0	Fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	86-73-7	Fluorene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	118-74-1	Hexachlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	87-68-3	Hexachlorobutadiene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	77-47-4	Hexachlorocyclopentadiene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	67-72-1	Hexachloroethane	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	193-39-5	Indeno(1,2,3-cd)pyrene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	78-59-1	Isophorone	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	621-64-7	N-Nitroso-di-n-propylamine	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	86-30-6	N-Nitrosodiphenylamine	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-20-3	Naphthalene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	98-95-3	Nitrobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	87-86-5	Pentachlorophenol	1700	1700	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	85-01-8	Phenanthrene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-95-2	Phenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	129-00-0	Pyrene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	110-86-1	Pyridine	360	360	ug/kg	U	U	SW846 8270
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	71-55-6	1,1,1-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	79-00-5	1,1,2-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-34-3	1,1-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-35-4	1,1-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	563-58-6	1,1-Dichloropropene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	87-61-6	1,2,3-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	96-18-4	1,2,3-Trichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	120-82-1	1,2,4-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-63-6	1,2,4-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-93-4	1,2-Dibromoethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-50-1	1,2-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	107-06-2	1,2-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	78-87-5	1,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	156-59-2	1,2-cis-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	156-60-5	1,2-trans-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-67-8	1,3,5-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	541-73-1	1,3-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	142-28-9	1,3-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-46-7	1,4-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	594-20-7	2,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	78-93-3	2-Butanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-49-8	2-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	591-78-6	2-Hexanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-43-4	4-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-10-1	4-Methyl-2-pentanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	67-64-1	Acetone	5	5	ug/kg	J	J	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	71-43-2	Benzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-86-1	Bromobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	74-97-5	Bromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-27-4	Bromodichloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-25-2	Bromoform	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	74-83-9	Bromomethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	56-23-5	Carbon Tetrachloride	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-90-7	Chlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-00-3	Chloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	67-66-3	Chloroform	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	74-87-3	Chloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	124-48-1	Dibromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	74-95-3	Dibromomethane	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-71-8	Dichlorodifluoromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-41-4	Ethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	87-68-3	Hexachlorobutadiene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	98-82-8	Isopropyl Benzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-09-2	Methylene Chloride	6	5	ug/kg		U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-20-3	Naphthalene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-42-5	Styrene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	127-18-4	Tetrachloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-88-3	Toluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	79-01-6	Trichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-69-4	Trichlorofluoromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-01-4	Vinyl Chloride	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	13-302-07	m,p-Xylene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	104-51-8	n-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	103-65-1	n-propylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-47-6	o-Xylene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	99-87-6	p-Isopropyltoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	135-98-8	sec-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB107	FH023-SB107/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	98-06-6	tert-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-38-2	Arsenic	5.1	0.33	mg/kg			SW846 6010
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-39-3	Barium	11.7	0.06	mg/kg			SW846 6010
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-43-9	Cadmium	0.14	0.05	mg/kg	B		SW846 6010
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-47-3	Chromium	6.6	0.08	mg/kg			SW846 6010

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7439-92-1	Lead	3.7	0.19	mg/kg			SW846 6010
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7439-97-6	Mercury	0.03	0.04	mg/kg	U	U	SW846 7470
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7782-49-2	Selenium	1.2	1.2	mg/kg	UW	UJ	SW846 6010
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-22-4	Silver	0.18	0.18	mg/kg	U	U	SW846 6010
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-94-3	1,2,4,5-Tetrachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	120-82-1	1,2,4-Trichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-50-1	1,2-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	541-73-1	1,3-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-46-7	1,4-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-60-1	2,2'-oxybis(1-chloropropane)	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-95-4	2,4,5-Trichlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	88-06-2	2,4,6-Trichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	120-83-2	2,4-Dichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	105-67-9	2,4-Dimethylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	51-28-5	2,4-Dinitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	121-14-2	2,4-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	606-20-2	2,6-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-58-7	2-Chloronaphthalene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-57-8	2-Chlorophenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-57-6	2-Methylnaphthalene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-48-7	2-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	88-74-4	2-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	88-75-5	2-Nitrophenol	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-94-1	3,3'-Dichlorobenzidine	710	710	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	99-09-2	3-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	534-52-1	4,6-Dinitro-o-Cresol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	101-55-3	4-Bromophenyl-phenyl Ether	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-47-8	4-Chloroaniline	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7005-72-3	4-Chlorophenyl-phenylether	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-44-5	4-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-01-6	4-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-02-7	4-Nitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	59-50-7	4-chloro-3-methylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	83-32-9	Acenaphthene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	208-96-8	Acenaphthylene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	120-12-7	Anthracene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	56-55-3	Benzo(a)anthracene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	50-32-8	Benzo(a)pyrene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	205-99-2	Benzo(b)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	191-24-2	Benzo(g,h,i)perylene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	207-08-9	Benzo(k)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	65-85-0	Benzoic Acid	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-51-6	Benzyl Alcohol	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	111-91-1	Bis(2-chloroethoxy)methane	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	111-44-4	Bis(2-chloroethyl)ether	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	117-81-7	Bis(2-ethylhexyl)phthalate	240	350	ug/kg	JB	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	85-68-7	Butyl Benzyl Phthalate	270	350	ug/kg	J	J	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	218-01-9	Chrysene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	84-74-2	Di-n-butyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	117-84-0	Di-n-octyl Phthalate	48	350	ug/kg	J	J	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	53-70-3	Dibenz(a,h)anthracene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	132-64-9	Dibenzofuran	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	84-66-2	Diethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	131-11-3	Dimethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	206-44-0	Fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	86-73-7	Fluorene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	118-74-1	Hexachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	87-68-3	Hexachlorobutadiene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	77-47-4	Hexachlorocyclopentadiene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	67-72-1	Hexachloroethane	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	193-39-5	Indeno(1,2,3-cd)pyrene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	78-59-1	Isophorone	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	621-64-7	N-Nitroso-di-n-propylamine	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	86-30-6	N-Nitrosodiphenylamine	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-20-3	Naphthalene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	98-95-3	Nitrobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	87-86-5	Pentachlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	85-01-8	Phenanthrene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-95-2	Phenol	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	129-00-0	Pyrene	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	110-86-1	Pyridine	350	350	ug/kg	U	U	SW846 8270
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	71-55-6	1,1,1-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	79-00-5	1,1,2-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-34-3	1,1-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-35-4	1,1-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	563-58-6	1,1-Dichloropropene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	87-61-6	1,2,3-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	96-18-4	1,2,3-Trichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	120-82-1	1,2,4-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-63-6	1,2,4-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-93-4	1,2-Dibromoethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-50-1	1,2-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	107-06-2	1,2-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	78-87-5	1,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	156-59-2	1,2-cis-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	156-60-5	1,2-trans-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-67-8	1,3,5-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	541-73-1	1,3-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	142-28-9	1,3-Dichloropropane	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-46-7	1,4-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	594-20-7	2,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	78-93-3	2-Butanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-49-8	2-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	591-78-6	2-Hexanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-43-4	4-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-10-1	4-Methyl-2-pentanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	67-64-1	Acetone	34	5	ug/kg		U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	71-43-2	Benzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-86-1	Bromobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	74-97-5	Bromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-27-4	Bromodichloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-25-2	Bromoform	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	74-83-9	Bromomethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	56-23-5	Carbon Tetrachloride	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-90-7	Chlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-00-3	Chloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	67-66-3	Chloroform	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	74-87-3	Chloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	124-48-1	Dibromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	74-95-3	Dibromomethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-71-8	Dichlorodifluoromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-41-4	Ethylbenzene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	87-68-3	Hexachlorobutadiene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	98-82-8	Isopropyl Benzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-09-2	Methylene Chloride	11	5	ug/kg			SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-20-3	Naphthalene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-42-5	Styrene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	127-18-4	Tetrachloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-88-3	Toluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	79-01-6	Trichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-69-4	Trichlorofluoromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-01-4	Vinyl Chloride	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	13-302-07	m,p-Xylene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	104-51-8	n-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	103-65-1	n-propylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-47-6	o-Xylene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	99-87-6	p-Isopropyltoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	135-98-8	sec-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB108	FH023-SB108/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	98-06-6	tert-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	7440-38-2	Arsenic	4.2	0.34	mg/kg			SW846 6010
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	7440-39-3	Barium	10.9	0.06	mg/kg			SW846 6010
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	7440-43-9	Cadmium	0.17	0.05	mg/kg	B		SW846 6010
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	7440-47-3	Chromium	4.9	0.08	mg/kg			SW846 6010
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	7439-92-1	Lead	5.2	0.19	mg/kg			SW846 6010
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	7439-97-6	Mercury	0.03	0.04	mg/kg	U	U	SW846 7470

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	7782-49-2	Selenium	1.2	1.2	mg/kg	U	U	SW846 6010
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	7440-22-4	Silver	0.18	0.18	mg/kg	U	U	SW846 6010
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	95-94-3	1,2,4,5-Tetrachlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	120-82-1	1,2,4-Trichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	95-50-1	1,2-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	541-73-1	1,3-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	106-46-7	1,4-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	108-60-1	2,2'-oxybis(1-chloropropane)	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	95-95-4	2,4,5-Trichlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	88-06-2	2,4,6-Trichlorophenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	120-83-2	2,4-Dichlorophenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	105-67-9	2,4-Dimethylphenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	51-28-5	2,4-Dinitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	121-14-2	2,4-Dinitrotoluene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	606-20-2	2,6-Dinitrotoluene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	91-58-7	2-Chloronaphthalene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	95-57-8	2-Chlorophenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	91-57-6	2-Methylnaphthalene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	95-48-7	2-Methylphenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	88-74-4	2-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	88-75-5	2-Nitrophenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	91-94-1	3,3'-Dichlorobenzidine	720	720	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	99-09-2	3-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	534-52-1	4,6-Dinitro-o-Cresol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	101-55-3	4-Bromophenyl-phenyl Ether	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	106-47-8	4-Chloroaniline	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	7005-72-3	4-Chlorophenyl-phenylether	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	106-44-5	4-Methylphenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	100-01-6	4-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	100-02-7	4-Nitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	59-50-7	4-chloro-3-methylphenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	83-32-9	Acenaphthene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	208-96-8	Acenaphthylene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	120-12-7	Anthracene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	56-55-3	Benzo(a)anthracene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	50-32-8	Benzo(a)pyrene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	205-99-2	Benzo(b)fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	191-24-2	Benzo(g,h,i)perylene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	207-08-9	Benzo(k)fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	65-85-0	Benzoic Acid	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	100-51-6	Benzyl Alcohol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	111-91-1	Bis(2-chloroethoxy)methane	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	111-44-4	Bis(2-chloroethyl)ether	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	117-81-7	Bis(2-ethylhexyl)phthalate	190	360	ug/kg	JB	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	85-68-7	Butyl Benzyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	218-01-9	Chrysene	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	84-74-2	Di-n-butyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	117-84-0	Di-n-octyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	53-70-3	Dibenz(a,h)anthracene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	132-64-9	Dibenzofuran	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	84-66-2	Diethyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	131-11-3	Dimethyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	206-44-0	Fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	86-73-7	Fluorene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	118-74-1	Hexachlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	87-68-3	Hexachlorobutadiene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	77-47-4	Hexachlorocyclopentadiene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	67-72-1	Hexachloroethane	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	193-39-5	Indeno(1,2,3-cd)pyrene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	78-59-1	Isophorone	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	621-64-7	N-Nitroso-di-n-propylamine	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	86-30-6	N-Nitrosodiphenylamine	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	91-20-3	Naphthalene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	98-95-3	Nitrobenzene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	87-86-5	Pentachlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	85-01-8	Phenanthrene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	108-95-2	Phenol	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	129-00-0	Pyrene	360	360	ug/kg	U	U	SW846 8270
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	110-86-1	Pyridine	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	71-55-6	1,1,1-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	79-00-5	1,1,2-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	75-34-3	1,1-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	75-35-4	1,1-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	563-58-6	1,1-Dichloropropene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	87-61-6	1,2,3-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	96-18-4	1,2,3-Trichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	120-82-1	1,2,4-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	95-63-6	1,2,4-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	106-93-4	1,2-Dibromoethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	95-50-1	1,2-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	107-06-2	1,2-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	78-87-5	1,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	156-59-2	1,2-cis-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	156-60-5	1,2-trans-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	108-67-8	1,3,5-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	541-73-1	1,3-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	142-28-9	1,3-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	106-46-7	1,4-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	594-20-7	2,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	78-93-3	2-Butanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	95-49-8	2-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	591-78-6	2-Hexanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	106-43-4	4-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	108-10-1	4-Methyl-2-pentanone	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	67-64-1	Acetone	28	5	ug/kg		U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	71-43-2	Benzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	108-86-1	Bromobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	74-97-5	Bromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	75-27-4	Bromodichloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	75-25-2	Bromoform	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	74-83-9	Bromomethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	56-23-5	Carbon Tetrachloride	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	108-90-7	Chlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	75-00-3	Chloroethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	67-66-3	Chloroform	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	74-87-3	Chloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	124-48-1	Dibromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	74-95-3	Dibromomethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	75-71-8	Dichlorodifluoromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	100-41-4	Ethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	87-68-3	Hexachlorobutadiene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	98-82-8	Isopropyl Benzene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	75-09-2	Methylene Chloride	8	5	ug/kg			SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	91-20-3	Naphthalene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	100-42-5	Styrene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	127-18-4	Tetrachloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	108-88-3	Toluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	79-01-6	Trichloroethene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	75-69-4	Trichlorofluoromethane	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	75-01-4	Vinyl Chloride	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	13-302-07	m,p-Xylene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	104-51-8	n-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	103-65-1	n-propylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	95-47-6	o-Xylene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	99-87-6	p-Isopropyltoluene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	135-98-8	sec-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	23SB109	FH023-SB109/02-18-97/20.0-25.0	02/18/1997	20.0-25.0	98-06-6	tert-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-38-2	Arsenic	6.3	0.36	mg/kg			SW846 6010
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-39-3	Barium	100	0.07	mg/kg			SW846 6010
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-43-9	Cadmium	0.23	0.06	mg/kg	B		SW846 6010
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-47-3	Chromium	16.1	0.08	mg/kg			SW846 6010
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7439-92-1	Lead	11.4	0.21	mg/kg			SW846 6010
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7439-97-6	Mercury	0.04	0.04	mg/kg	U	U	SW846 7470
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7782-49-2	Selenium	1.3	1.3	mg/kg	UW	UJ	SW846 6010
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-22-4	Silver	0.2	0.20	mg/kg	U	U	SW846 6010

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-94-3	1,2,4,5-Tetrachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-82-1	1,2,4-Trichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-50-1	1,2-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	541-73-1	1,3-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-46-7	1,4-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-60-1	2,2'-oxybis(1-chloropropane)	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-95-4	2,4,5-Trichlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	88-06-2	2,4,6-Trichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-83-2	2,4-Dichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	105-67-9	2,4-Dimethylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	51-28-5	2,4-Dinitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	121-14-2	2,4-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	606-20-2	2,6-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-58-7	2-Chloronaphthalene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-57-8	2-Chlorophenol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-57-6	2-Methylnaphthalene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-48-7	2-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	88-74-4	2-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	88-75-5	2-Nitrophenol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-94-1	3,3'-Dichlorobenzidine	710	710	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	99-09-2	3-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	534-52-1	4,6-Dinitro-o-Cresol	1700	1700	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	101-55-3	4-Bromophenyl-phenyl Ether	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-47-8	4-Chloroaniline	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7005-72-3	4-Chlorophenyl-phenylether	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-44-5	4-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-01-6	4-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-02-7	4-Nitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	59-50-7	4-chloro-3-methylphenol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	83-32-9	Acenaphthene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	208-96-8	Acenaphthylene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-12-7	Anthracene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	56-55-3	Benzo(a)anthracene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	50-32-8	Benzo(a)pyrene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	205-99-2	Benzo(b)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	191-24-2	Benzo(g,h,i)perylene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	207-08-9	Benzo(k)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	65-85-0	Benzoic Acid	1700	1700	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-51-6	Benzyl Alcohol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	111-91-1	Bis(2-chloroethoxy)methane	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	111-44-4	Bis(2-chloroethyl)ether	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	117-81-7	Bis(2-ethylhexyl)phthalate	180	350	ug/kg	JB	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	85-68-7	Butyl Benzyl Phthalate	240	350	ug/kg	J	J	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	218-01-9	Chrysene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	84-74-2	Di-n-butyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	117-84-0	Di-n-octyl Phthalate	49	350	ug/kg	J	J	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	53-70-3	Dibenz(a,h)anthracene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	132-64-9	Dibenzofuran	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	84-66-2	Diethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	131-11-3	Dimethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	206-44-0	Fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	86-73-7	Fluorene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	118-74-1	Hexachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-68-3	Hexachlorobutadiene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	77-47-4	Hexachlorocyclopentadiene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	67-72-1	Hexachloroethane	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	193-39-5	Indeno(1,2,3-cd)pyrene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	78-59-1	Isophorone	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	621-64-7	N-Nitroso-di-n-propylamine	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	86-30-6	N-Nitrosodiphenylamine	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-20-3	Naphthalene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	98-95-3	Nitrobenzene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-86-5	Pentachlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	85-01-8	Phenanthrene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-95-2	Phenol	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	129-00-0	Pyrene	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	110-86-1	Pyridine	350	350	ug/kg	U	U	SW846 8270
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	630-20-6	1,1,1,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	71-55-6	1,1,1-Trichloroethane	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	79-34-5	1,1,2,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	79-00-5	1,1,2-Trichloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-34-3	1,1-Dichloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-35-4	1,1-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	563-58-6	1,1-Dichloropropene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-61-6	1,2,3-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	96-18-4	1,2,3-Trichloropropane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-82-1	1,2,4-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-63-6	1,2,4-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-93-4	1,2-Dibromoethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-50-1	1,2-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	107-06-2	1,2-Dichloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	78-87-5	1,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	156-59-2	1,2-cis-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	96-12-8	1,2-dibromo-3-chloropropane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	156-60-5	1,2-trans-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-67-8	1,3,5-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	541-73-1	1,3-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	142-28-9	1,3-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-46-7	1,4-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	594-20-7	2,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	78-93-3	2-Butanone	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-49-8	2-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	591-78-6	2-Hexanone	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-43-4	4-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-10-1	4-Methyl-2-pentanone	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	67-64-1	Acetone	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	71-43-2	Benzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-86-1	Bromobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-97-5	Bromochloromethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-27-4	Bromodichloromethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-25-2	Bromoform	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-83-9	Bromomethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	56-23-5	Carbon Tetrachloride	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-90-7	Chlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-00-3	Chloroethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	67-66-3	Chloroform	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-87-3	Chloromethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	124-48-1	Dibromochloromethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-95-3	Dibromomethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-71-8	Dichlorodifluoromethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-41-4	Ethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-68-3	Hexachlorobutadiene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	98-82-8	Isopropyl Benzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-09-2	Methylene Chloride	10	6	ug/kg			SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-20-3	Naphthalene	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-42-5	Styrene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	127-18-4	Tetrachloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-88-3	Toluene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	79-01-6	Trichloroethene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-69-4	Trichlorofluoromethane	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-01-4	Vinyl Chloride	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	13-302-07	m,p-Xylene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	104-51-8	n-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	103-65-1	n-propylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-47-6	o-Xylene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	99-87-6	p-Isopropyltoluene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	135-98-8	sec-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB101	FHSB221	FH023-SB221/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	98-06-6	tert-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-38-2	Arsenic	4.2	0.37	mg/kg			SW846 6010
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-39-3	Barium	14.6	0.07	mg/kg			SW846 6010
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-43-9	Cadmium	0.13	0.06	mg/kg	B		SW846 6010
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-47-3	Chromium	6	0.08	mg/kg			SW846 6010
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7439-92-1	Lead	4	0.21	mg/kg			SW846 6010
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7439-97-6	Mercury	0.04	0.04	mg/kg	U	U	SW846 7470
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7782-49-2	Selenium	1.3	1.3	mg/kg	U	U	SW846 6010
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7440-22-4	Silver	0.2	0.20	mg/kg	U	U	SW846 6010
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-94-3	1,2,4,5-Tetrachlorobenzene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-82-1	1,2,4-Trichlorobenzene	390	390	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-50-1	1,2-Dichlorobenzene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	541-73-1	1,3-Dichlorobenzene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-46-7	1,4-Dichlorobenzene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-60-1	2,2'-oxybis(1-chloropropane)	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-95-4	2,4,5-Trichlorophenol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	88-06-2	2,4,6-Trichlorophenol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-83-2	2,4-Dichlorophenol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	105-67-9	2,4-Dimethylphenol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	51-28-5	2,4-Dinitrophenol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	121-14-2	2,4-Dinitrotoluene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	606-20-2	2,6-Dinitrotoluene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-58-7	2-Chloronaphthalene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-57-8	2-Chlorophenol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-57-6	2-Methylnaphthalene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-48-7	2-Methylphenol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	88-74-4	2-Nitroaniline	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	88-75-5	2-Nitrophenol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-94-1	3,3'-Dichlorobenzidine	780	780	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	99-09-2	3-Nitroaniline	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	534-52-1	4,6-Dinitro-o-Cresol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	101-55-3	4-Bromophenyl-phenyl Ether	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-47-8	4-Chloroaniline	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	7005-72-3	4-Chlorophenyl-phenylether	390	390	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-44-5	4-Methylphenol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-01-6	4-Nitroaniline	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-02-7	4-Nitrophenol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	59-50-7	4-chloro-3-methylphenol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	83-32-9	Acenaphthene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	208-96-8	Acenaphthylene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-12-7	Anthracene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	56-55-3	Benzo(a)anthracene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	50-32-8	Benzo(a)pyrene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	205-99-2	Benzo(b)fluoranthene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	191-24-2	Benzo(g,h,i)perylene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	207-08-9	Benzo(k)fluoranthene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	65-85-0	Benzoic Acid	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-51-6	Benzyl Alcohol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	111-91-1	Bis(2-chloroethoxy)methane	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	111-44-4	Bis(2-chloroethyl)ether	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	117-81-7	Bis(2-ethylhexyl)phthalate	180	390	ug/kg	JB	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	85-68-7	Butyl Benzyl Phthalate	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	218-01-9	Chrysene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	84-74-2	Di-n-butyl Phthalate	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	117-84-0	Di-n-octyl Phthalate	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	53-70-3	Dibenz(a,h)anthracene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	132-64-9	Dibenzofuran	390	390	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	84-66-2	Diethyl Phthalate	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	131-11-3	Dimethyl Phthalate	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	206-44-0	Fluoranthene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	86-73-7	Fluorene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	118-74-1	Hexachlorobenzene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-68-3	Hexachlorobutadiene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	77-47-4	Hexachlorocyclopentadiene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	67-72-1	Hexachloroethane	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	193-39-5	Indeno(1,2,3-cd)pyrene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	78-59-1	Isophorone	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	621-64-7	N-Nitroso-di-n-propylamine	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	86-30-6	N-Nitrosodiphenylamine	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-20-3	Naphthalene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	98-95-3	Nitrobenzene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-86-5	Pentachlorophenol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	85-01-8	Phenanthrene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-95-2	Phenol	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	129-00-0	Pyrene	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	110-86-1	Pyridine	390	390	ug/kg	U	U	SW846 8270
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	630-20-6	1,1,1,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	71-55-6	1,1,1-Trichloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	79-34-5	1,1,2,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	79-00-5	1,1,2-Trichloroethane	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-34-3	1,1-Dichloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-35-4	1,1-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	563-58-6	1,1-Dichloropropene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-61-6	1,2,3-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	96-18-4	1,2,3-Trichloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	120-82-1	1,2,4-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-63-6	1,2,4-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-93-4	1,2-Dibromoethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-50-1	1,2-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	107-06-2	1,2-Dichloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	78-87-5	1,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	156-59-2	1,2-cis-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	96-12-8	1,2-dibromo-3-chloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	156-60-5	1,2-trans-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-67-8	1,3,5-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	541-73-1	1,3-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	142-28-9	1,3-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-46-7	1,4-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	594-20-7	2,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	78-93-3	2-Butanone	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-49-8	2-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	591-78-6	2-Hexanone	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	106-43-4	4-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-10-1	4-Methyl-2-pentanone	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	67-64-1	Acetone	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	71-43-2	Benzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-86-1	Bromobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-97-5	Bromochloromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-27-4	Bromodichloromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-25-2	Bromoform	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-83-9	Bromomethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	56-23-5	Carbon Tetrachloride	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-90-7	Chlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-00-3	Chloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	67-66-3	Chloroform	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-87-3	Chloromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	124-48-1	Dibromochloromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	74-95-3	Dibromomethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-71-8	Dichlorodifluoromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-41-4	Ethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	87-68-3	Hexachlorobutadiene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	98-82-8	Isopropyl Benzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-09-2	Methylene Chloride	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	91-20-3	Naphthalene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	100-42-5	Styrene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	127-18-4	Tetrachloroethene	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	108-88-3	Toluene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	79-01-6	Trichloroethene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-69-4	Trichlorofluoromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	75-01-4	Vinyl Chloride	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	13-302-07	m,p-Xylene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	104-51-8	n-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	103-65-1	n-propylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	95-47-6	o-Xylene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	99-87-6	p-Isopropyltoluene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	135-98-8	sec-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB110	FH023-SB110/02-18-97/0.0-2.0	02/18/1997	0.0-2.0	98-06-6	tert-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	7440-38-2	Arsenic	4.4	0.36	mg/kg			SW846 6010
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	7440-39-3	Barium	8.7	0.07	mg/kg			SW846 6010
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	7440-43-9	Cadmium	0.11	0.06	mg/kg	B		SW846 6010
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	7440-47-3	Chromium	6.4	0.08	mg/kg			SW846 6010
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	7439-92-1	Lead	4	0.21	mg/kg			SW846 6010
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	7439-97-6	Mercury	0.03	0.04	mg/kg	U	U	SW846 7470
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	7782-49-2	Selenium	1.3	1.3	mg/kg	U	U	SW846 6010
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	7440-22-4	Silver	0.2	0.20	mg/kg	U	U	SW846 6010
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	95-94-3	1,2,4,5-Tetrachlorobenzene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	120-82-1	1,2,4-Trichlorobenzene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	95-50-1	1,2-Dichlorobenzene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	541-73-1	1,3-Dichlorobenzene	380	380	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	106-46-7	1,4-Dichlorobenzene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	108-60-1	2,2'-oxybis(1-chloropropane)	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	95-95-4	2,4,5-Trichlorophenol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	88-06-2	2,4,6-Trichlorophenol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	120-83-2	2,4-Dichlorophenol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	105-67-9	2,4-Dimethylphenol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	51-28-5	2,4-Dinitrophenol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	121-14-2	2,4-Dinitrotoluene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	606-20-2	2,6-Dinitrotoluene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	91-58-7	2-Chloronaphthalene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	95-57-8	2-Chlorophenol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	91-57-6	2-Methylnaphthalene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	95-48-7	2-Methylphenol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	88-74-4	2-Nitroaniline	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	88-75-5	2-Nitrophenol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	91-94-1	3,3'-Dichlorobenzidine	770	770	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	99-09-2	3-Nitroaniline	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	534-52-1	4,6-Dinitro-o-Cresol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	101-55-3	4-Bromophenyl-phenyl Ether	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	106-47-8	4-Chloroaniline	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	7005-72-3	4-Chlorophenyl-phenylether	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	106-44-5	4-Methylphenol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	100-01-6	4-Nitroaniline	1900	1900	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	100-02-7	4-Nitrophenol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	59-50-7	4-chloro-3-methylphenol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	83-32-9	Acenaphthene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	208-96-8	Acenaphthylene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	120-12-7	Anthracene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	56-55-3	Benzo(a)anthracene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	50-32-8	Benzo(a)pyrene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	205-99-2	Benzo(b)fluoranthene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	191-24-2	Benzo(g,h,i)perylene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	207-08-9	Benzo(k)fluoranthene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	65-85-0	Benzoic Acid	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	100-51-6	Benzyl Alcohol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	111-91-1	Bis(2-chloroethoxy)methane	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	111-44-4	Bis(2-chloroethyl)ether	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	117-81-7	Bis(2-ethylhexyl)phthalate	210	380	ug/kg	JB	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	85-68-7	Butyl Benzyl Phthalate	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	218-01-9	Chrysene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	84-74-2	Di-n-butyl Phthalate	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	117-84-0	Di-n-octyl Phthalate	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	53-70-3	Dibenz(a,h)anthracene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	132-64-9	Dibenzofuran	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	84-66-2	Diethyl Phthalate	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	131-11-3	Dimethyl Phthalate	380	380	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	206-44-0	Fluoranthene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	86-73-7	Fluorene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	118-74-1	Hexachlorobenzene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	87-68-3	Hexachlorobutadiene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	77-47-4	Hexachlorocyclopentadiene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	67-72-1	Hexachloroethane	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	193-39-5	Indeno(1,2,3-cd)pyrene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	78-59-1	Isophorone	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	621-64-7	N-Nitroso-di-n-propylamine	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	86-30-6	N-Nitrosodiphenylamine	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	91-20-3	Naphthalene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	98-95-3	Nitrobenzene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	87-86-5	Pentachlorophenol	1900	1900	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	85-01-8	Phenanthrene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	108-95-2	Phenol	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	129-00-0	Pyrene	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	110-86-1	Pyridine	380	380	ug/kg	U	U	SW846 8270
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	630-20-6	1,1,1,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	71-55-6	1,1,1-Trichloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	79-34-5	1,1,2,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	79-00-5	1,1,2-Trichloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	75-34-3	1,1-Dichloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	75-35-4	1,1-Dichloroethene	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	563-58-6	1,1-Dichloropropene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	87-61-6	1,2,3-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	96-18-4	1,2,3-Trichloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	120-82-1	1,2,4-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	95-63-6	1,2,4-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	106-93-4	1,2-Dibromoethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	95-50-1	1,2-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	107-06-2	1,2-Dichloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	78-87-5	1,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	156-59-2	1,2-cis-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	96-12-8	1,2-dibromo-3-chloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	156-60-5	1,2-trans-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	108-67-8	1,3,5-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	541-73-1	1,3-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	142-28-9	1,3-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	106-46-7	1,4-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	594-20-7	2,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	78-93-3	2-Butanone	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	95-49-8	2-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	591-78-6	2-Hexanone	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	106-43-4	4-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	108-10-1	4-Methyl-2-pentanone	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	67-64-1	Acetone	3	6	ug/kg	J	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	71-43-2	Benzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	108-86-1	Bromobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	74-97-5	Bromochloromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	75-27-4	Bromodichloromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	75-25-2	Bromoform	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	74-83-9	Bromomethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	56-23-5	Carbon Tetrachloride	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	108-90-7	Chlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	75-00-3	Chloroethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	67-66-3	Chloroform	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	74-87-3	Chloromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	124-48-1	Dibromochloromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	74-95-3	Dibromomethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	75-71-8	Dichlorodifluoromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	100-41-4	Ethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	87-68-3	Hexachlorobutadiene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	98-82-8	Isopropyl Benzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	75-09-2	Methylene Chloride	9	6	ug/kg			SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	91-20-3	Naphthalene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	100-42-5	Styrene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	127-18-4	Tetrachloroethene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	108-88-3	Toluene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	79-01-6	Trichloroethene	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	75-69-4	Trichlorofluoromethane	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	75-01-4	Vinyl Chloride	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	13-302-07	m,p-Xylene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	104-51-8	n-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	103-65-1	n-propylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	95-47-6	o-Xylene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	99-87-6	p-Isopropyltoluene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	135-98-8	sec-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB111	FH023-SB111/02-18-97/2.0-5.0	02/18/1997	2.0-5.0	98-06-6	tert-Butylbenzene	6	6	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	7440-38-2	Arsenic	2	0.34	mg/kg			SW846 6010
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	7440-39-3	Barium	3.7	0.07	mg/kg			SW846 6010
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	7440-43-9	Cadmium	0.1	0.05	mg/kg	B		SW846 6010
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	7440-47-3	Chromium	4.1	0.08	mg/kg			SW846 6010
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	7439-92-1	Lead	1.2	0.20	mg/kg			SW846 6010
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	7439-97-6	Mercury	0.03	0.04	mg/kg	U	U	SW846 7470
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	7782-49-2	Selenium	1.2	1.2	mg/kg	U	U	SW846 6010
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	7440-22-4	Silver	0.19	0.19	mg/kg	U	U	SW846 6010
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	95-94-3	1,2,4,5-Tetrachlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	120-82-1	1,2,4-Trichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	95-50-1	1,2-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	541-73-1	1,3-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	106-46-7	1,4-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	108-60-1	2,2'-oxybis(1-chloropropane)	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	95-95-4	2,4,5-Trichlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	88-06-2	2,4,6-Trichlorophenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	120-83-2	2,4-Dichlorophenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	105-67-9	2,4-Dimethylphenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	51-28-5	2,4-Dinitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	121-14-2	2,4-Dinitrotoluene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	606-20-2	2,6-Dinitrotoluene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	91-58-7	2-Chloronaphthalene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	95-57-8	2-Chlorophenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	91-57-6	2-Methylnaphthalene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	95-48-7	2-Methylphenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	88-74-4	2-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	88-75-5	2-Nitrophenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	91-94-1	3,3'-Dichlorobenzidine	720	720	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	99-09-2	3-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	534-52-1	4,6-Dinitro-o-Cresol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	101-55-3	4-Bromophenyl-phenyl Ether	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	106-47-8	4-Chloroaniline	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	7005-72-3	4-Chlorophenyl-phenylether	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	106-44-5	4-Methylphenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	100-01-6	4-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	100-02-7	4-Nitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	59-50-7	4-chloro-3-methylphenol	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	83-32-9	Acenaphthene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	208-96-8	Acenaphthylene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	120-12-7	Anthracene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	56-55-3	Benzo(a)anthracene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	50-32-8	Benzo(a)pyrene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	205-99-2	Benzo(b)fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	191-24-2	Benzo(g,h,i)perylene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	207-08-9	Benzo(k)fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	65-85-0	Benzoic Acid	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	100-51-6	Benzyl Alcohol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	111-91-1	Bis(2-chloroethoxy)methane	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	111-44-4	Bis(2-chloroethyl)ether	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	117-81-7	Bis(2-ethylhexyl)phthalate	170	360	ug/kg	JB	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	85-68-7	Butyl Benzyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	218-01-9	Chrysene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	84-74-2	Di-n-butyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	117-84-0	Di-n-octyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	53-70-3	Dibenz(a,h)anthracene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	132-64-9	Dibenzofuran	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	84-66-2	Diethyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	131-11-3	Dimethyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	206-44-0	Fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	86-73-7	Fluorene	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	118-74-1	Hexachlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	87-68-3	Hexachlorobutadiene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	77-47-4	Hexachlorocyclopentadiene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	67-72-1	Hexachloroethane	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	193-39-5	Indeno(1,2,3-cd)pyrene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	78-59-1	Isophorone	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	621-64-7	N-Nitroso-di-n-propylamine	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	86-30-6	N-Nitrosodiphenylamine	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	91-20-3	Naphthalene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	98-95-3	Nitrobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	87-86-5	Pentachlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	85-01-8	Phenanthrene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	108-95-2	Phenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	129-00-0	Pyrene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	110-86-1	Pyridine	360	360	ug/kg	U	U	SW846 8270
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	71-55-6	1,1,1-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	79-00-5	1,1,2-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	75-34-3	1,1-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	75-35-4	1,1-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	563-58-6	1,1-Dichloropropene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	87-61-6	1,2,3-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	96-18-4	1,2,3-Trichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	120-82-1	1,2,4-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	95-63-6	1,2,4-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	106-93-4	1,2-Dibromoethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	95-50-1	1,2-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	107-06-2	1,2-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	78-87-5	1,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	156-59-2	1,2-cis-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	156-60-5	1,2-trans-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	108-67-8	1,3,5-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	541-73-1	1,3-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	142-28-9	1,3-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	106-46-7	1,4-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	594-20-7	2,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	78-93-3	2-Butanone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	95-49-8	2-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	591-78-6	2-Hexanone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	106-43-4	4-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	108-10-1	4-Methyl-2-pentanone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	67-64-1	Acetone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	71-43-2	Benzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	108-86-1	Bromobenzene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	74-97-5	Bromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	75-27-4	Bromodichloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	75-25-2	Bromoform	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	74-83-9	Bromomethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	56-23-5	Carbon Tetrachloride	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	108-90-7	Chlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	75-00-3	Chloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	67-66-3	Chloroform	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	74-87-3	Chloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	124-48-1	Dibromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	74-95-3	Dibromomethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	75-71-8	Dichlorodifluoromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	100-41-4	Ethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	87-68-3	Hexachlorobutadiene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	98-82-8	Isopropyl Benzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	75-09-2	Methylene Chloride	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	91-20-3	Naphthalene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	100-42-5	Styrene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	127-18-4	Tetrachloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	108-88-3	Toluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	79-01-6	Trichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	75-69-4	Trichlorofluoromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	75-01-4	Vinyl Chloride	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	13-302-07	m,p-Xylene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	104-51-8	n-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	103-65-1	n-propylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	95-47-6	o-Xylene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	99-87-6	p-Isopropyltoluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	135-98-8	sec-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB112	FH023-SB112/02-18-97/5.0-10.0	02/18/1997	5.0-10.0	98-06-6	tert-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-38-2	Arsenic	3.9	0.34	mg/kg			SW846 6010
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-39-3	Barium	5	0.07	mg/kg			SW846 6010
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-43-9	Cadmium	0.13	0.05	mg/kg	B		SW846 6010
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-47-3	Chromium	4.8	0.08	mg/kg			SW846 6010
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7439-92-1	Lead	2.2	0.20	mg/kg			SW846 6010
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7439-97-6	Mercury	0.03	0.04	mg/kg	U	U	SW846 7470
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7782-49-2	Selenium	1.2	1.2	mg/kg	U	U	SW846 6010
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7440-22-4	Silver	0.18	0.18	mg/kg	U	U	SW846 6010
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-94-3	1,2,4,5-Tetrachlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	120-82-1	1,2,4-Trichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-50-1	1,2-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	541-73-1	1,3-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-46-7	1,4-Dichlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-60-1	2,2'-oxybis(1-chloropropane)	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-95-4	2,4,5-Trichlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	88-06-2	2,4,6-Trichlorophenol	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	120-83-2	2,4-Dichlorophenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	105-67-9	2,4-Dimethylphenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	51-28-5	2,4-Dinitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	121-14-2	2,4-Dinitrotoluene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	606-20-2	2,6-Dinitrotoluene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-58-7	2-Chloronaphthalene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-57-8	2-Chlorophenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-57-6	2-Methylnaphthalene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-48-7	2-Methylphenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	88-74-4	2-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	88-75-5	2-Nitrophenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-94-1	3,3'-Dichlorobenzidine	720	720	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	99-09-2	3-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	534-52-1	4,6-Dinitro-o-Cresol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	101-55-3	4-Bromophenyl-phenyl Ether	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-47-8	4-Chloroaniline	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	7005-72-3	4-Chlorophenyl-phenylether	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-44-5	4-Methylphenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-01-6	4-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-02-7	4-Nitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	59-50-7	4-chloro-3-methylphenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	83-32-9	Acenaphthene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	208-96-8	Acenaphthylene	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	120-12-7	Anthracene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	56-55-3	Benzo(a)anthracene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	50-32-8	Benzo(a)pyrene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	205-99-2	Benzo(b)fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	191-24-2	Benzo(g,h,i)perylene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	207-08-9	Benzo(k)fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	65-85-0	Benzoic Acid	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-51-6	Benzyl Alcohol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	111-91-1	Bis(2-chloroethoxy)methane	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	111-44-4	Bis(2-chloroethyl)ether	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	117-81-7	Bis(2-ethylhexyl)phthalate	220	360	ug/kg	JB	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	85-68-7	Butyl Benzyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	218-01-9	Chrysene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	84-74-2	Di-n-butyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	117-84-0	Di-n-octyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	53-70-3	Dibenz(a,h)anthracene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	132-64-9	Dibenzofuran	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	84-66-2	Diethyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	131-11-3	Dimethyl Phthalate	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	206-44-0	Fluoranthene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	86-73-7	Fluorene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	118-74-1	Hexachlorobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	87-68-3	Hexachlorobutadiene	360	360	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	77-47-4	Hexachlorocyclopentadiene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	67-72-1	Hexachloroethane	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	193-39-5	Indeno(1,2,3-cd)pyrene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	78-59-1	Isophorone	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	621-64-7	N-Nitroso-di-n-propylamine	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	86-30-6	N-Nitrosodiphenylamine	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-20-3	Naphthalene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	98-95-3	Nitrobenzene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	87-86-5	Pentachlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	85-01-8	Phenanthrene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-95-2	Phenol	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	129-00-0	Pyrene	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	110-86-1	Pyridine	360	360	ug/kg	U	U	SW846 8270
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	71-55-6	1,1,1-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	79-00-5	1,1,2-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-34-3	1,1-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-35-4	1,1-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	563-58-6	1,1-Dichloropropene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	87-61-6	1,2,3-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	96-18-4	1,2,3-Trichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	120-82-1	1,2,4-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-63-6	1,2,4-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-93-4	1,2-Dibromoethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-50-1	1,2-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	107-06-2	1,2-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	78-87-5	1,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	156-59-2	1,2-cis-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	156-60-5	1,2-trans-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-67-8	1,3,5-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	541-73-1	1,3-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	142-28-9	1,3-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-46-7	1,4-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	594-20-7	2,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	78-93-3	2-Butanone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-49-8	2-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	591-78-6	2-Hexanone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	106-43-4	4-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-10-1	4-Methyl-2-pentanone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	67-64-1	Acetone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	71-43-2	Benzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-86-1	Bromobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	74-97-5	Bromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-27-4	Bromodichloromethane	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-25-2	Bromoform	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	74-83-9	Bromomethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	56-23-5	Carbon Tetrachloride	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-90-7	Chlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-00-3	Chloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	67-66-3	Chloroform	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	74-87-3	Chloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	124-48-1	Dibromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	74-95-3	Dibromomethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-71-8	Dichlorodifluoromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-41-4	Ethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	87-68-3	Hexachlorobutadiene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	98-82-8	Isopropyl Benzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-09-2	Methylene Chloride	7	5	ug/kg			SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	91-20-3	Naphthalene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	100-42-5	Styrene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	127-18-4	Tetrachloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	108-88-3	Toluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	79-01-6	Trichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-69-4	Trichlorofluoromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	75-01-4	Vinyl Chloride	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	13-302-07	m,p-Xylene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	104-51-8	n-Butylbenzene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	103-65-1	n-propylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	95-47-6	o-Xylene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	99-87-6	p-Isopropyltoluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	135-98-8	sec-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB113	FH023-SB113/02-18-97/10.0-15.0	02/18/1997	10.0-15.0	98-06-6	tert-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-38-2	Arsenic	4.6	0.33	mg/kg			SW846 6010
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-39-3	Barium	6	0.06	mg/kg			SW846 6010
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-43-9	Cadmium	0.13	0.05	mg/kg	B		SW846 6010
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-47-3	Chromium	12.4	0.08	mg/kg			SW846 6010
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7439-92-1	Lead	2.6	0.19	mg/kg			SW846 6010
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7439-97-6	Mercury	0.03	0.04	mg/kg	U	U	SW846 7470
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7782-49-2	Selenium	1.2	1.2	mg/kg	U	U	SW846 6010
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7440-22-4	Silver	0.18	0.18	mg/kg	U	U	SW846 6010
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-94-3	1,2,4,5-Tetrachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	120-82-1	1,2,4-Trichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-50-1	1,2-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	541-73-1	1,3-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-46-7	1,4-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-60-1	2,2'-oxybis(1-chloropropane)	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-95-4	2,4,5-Trichlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	88-06-2	2,4,6-Trichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	120-83-2	2,4-Dichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	105-67-9	2,4-Dimethylphenol	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	51-28-5	2,4-Dinitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	121-14-2	2,4-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	606-20-2	2,6-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-58-7	2-Chloronaphthalene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-57-8	2-Chlorophenol	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-57-6	2-Methylnaphthalene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-48-7	2-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	88-74-4	2-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	88-75-5	2-Nitrophenol	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-94-1	3,3'-Dichlorobenzidine	710	710	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	99-09-2	3-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	534-52-1	4,6-Dinitro-o-Cresol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	101-55-3	4-Bromophenyl-phenyl Ether	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-47-8	4-Chloroaniline	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	7005-72-3	4-Chlorophenyl-phenylether	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-44-5	4-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-01-6	4-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-02-7	4-Nitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	59-50-7	4-chloro-3-methylphenol	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	83-32-9	Acenaphthene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	208-96-8	Acenaphthylene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	120-12-7	Anthracene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	56-55-3	Benzo(a)anthracene	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	50-32-8	Benzo(a)pyrene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	205-99-2	Benzo(b)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	191-24-2	Benzo(g,h,i)perylene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	207-08-9	Benzo(k)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	65-85-0	Benzoic Acid	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-51-6	Benzyl Alcohol	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	111-91-1	Bis(2-chloroethoxy)methane	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	111-44-4	Bis(2-chloroethyl)ether	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	117-81-7	Bis(2-ethylhexyl)phthalate	160	350	ug/kg	JB	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	85-68-7	Butyl Benzyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	218-01-9	Chrysene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	84-74-2	Di-n-butyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	117-84-0	Di-n-octyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	53-70-3	Dibenz(a,h)anthracene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	132-64-9	Dibenzofuran	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	84-66-2	Diethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	131-11-3	Dimethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	206-44-0	Fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	86-73-7	Fluorene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	118-74-1	Hexachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	87-68-3	Hexachlorobutadiene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	77-47-4	Hexachlorocyclopentadiene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	67-72-1	Hexachloroethane	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	193-39-5	Indeno(1,2,3-cd)pyrene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	78-59-1	Isophorone	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	621-64-7	N-Nitroso-di-n-propylamine	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	86-30-6	N-Nitrosodiphenylamine	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-20-3	Naphthalene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	98-95-3	Nitrobenzene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	87-86-5	Pentachlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	85-01-8	Phenanthrene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-95-2	Phenol	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	129-00-0	Pyrene	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	110-86-1	Pyridine	350	350	ug/kg	U	U	SW846 8270
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	71-55-6	1,1,1-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	79-00-5	1,1,2-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-34-3	1,1-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-35-4	1,1-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	563-58-6	1,1-Dichloropropene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	87-61-6	1,2,3-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	96-18-4	1,2,3-Trichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	120-82-1	1,2,4-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-63-6	1,2,4-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-93-4	1,2-Dibromoethane	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-50-1	1,2-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	107-06-2	1,2-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	78-87-5	1,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	156-59-2	1,2-cis-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	156-60-5	1,2-trans-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-67-8	1,3,5-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	541-73-1	1,3-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	142-28-9	1,3-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-46-7	1,4-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	594-20-7	2,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	78-93-3	2-Butanone	38	5	ug/kg			SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-49-8	2-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	591-78-6	2-Hexanone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	106-43-4	4-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-10-1	4-Methyl-2-pentanone	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	67-64-1	Acetone	22	5	ug/kg		U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	71-43-2	Benzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-86-1	Bromobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	74-97-5	Bromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-27-4	Bromodichloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-25-2	Bromoform	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	74-83-9	Bromomethane	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	56-23-5	Carbon Tetrachloride	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-90-7	Chlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-00-3	Chloroethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	67-66-3	Chloroform	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	74-87-3	Chloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	124-48-1	Dibromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	74-95-3	Dibromomethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-71-8	Dichlorodifluoromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-41-4	Ethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	87-68-3	Hexachlorobutadiene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	98-82-8	Isopropyl Benzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-09-2	Methylene Chloride	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	91-20-3	Naphthalene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	100-42-5	Styrene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	127-18-4	Tetrachloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	108-88-3	Toluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	79-01-6	Trichloroethene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-69-4	Trichlorofluoromethane	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	75-01-4	Vinyl Chloride	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	13-302-07	m,p-Xylene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	104-51-8	n-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	103-65-1	n-propylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	95-47-6	o-Xylene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	99-87-6	p-Isopropyltoluene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	135-98-8	sec-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB102	23SB114	FH023-SB114/02-18-97/15.0-20.0	02/18/1997	15.0-20.0	98-06-6	tert-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	7440-38-2	Arsenic	6.3	0.41	mg/kg			SW846 6010
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	7440-39-3	Barium	104	0.10	mg/kg			SW846 6010
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	7440-43-9	Cadmium	0.28	0.05	mg/kg	B		SW846 6010
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	7440-47-3	Chromium	18.1	0.10	mg/kg			SW846 6010
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	7439-92-1	Lead	11.5	0.18	mg/kg	E	J	SW846 6010
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	7439-97-6	Mercury	0.04	0.04	mg/kg	U	U	SW846 7470
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	7782-49-2	Selenium	0.35	0.35	mg/kg	UW	UJ	SW846 7740
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	7440-22-4	Silver	0.24	0.24	mg/kg	U	U	SW846 6010
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	95-94-3	1,2,4,5-Tetrachlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	120-82-1	1,2,4-Trichlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	95-50-1	1,2-Dichlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	541-73-1	1,3-Dichlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	106-46-7	1,4-Dichlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	108-60-1	2,2'-oxybis(1-chloropropane)	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	95-95-4	2,4,5-Trichlorophenol	2000	2000	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	88-06-2	2,4,6-Trichlorophenol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	120-83-2	2,4-Dichlorophenol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	105-67-9	2,4-Dimethylphenol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	51-28-5	2,4-Dinitrophenol	2000	2000	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	121-14-2	2,4-Dinitrotoluene	410	410	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	606-20-2	2,6-Dinitrotoluene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	91-58-7	2-Chloronaphthalene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	95-57-8	2-Chlorophenol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	91-57-6	2-Methylnaphthalene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	95-48-7	2-Methylphenol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	88-74-4	2-Nitroaniline	2000	2000	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	88-75-5	2-Nitrophenol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	91-94-1	3,3'-Dichlorobenzidine	820	820	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	99-09-2	3-Nitroaniline	2000	2000	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	534-52-1	4,6-Dinitro-o-Cresol	2000	2000	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	101-55-3	4-Bromophenyl-phenyl Ether	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	106-47-8	4-Chloroaniline	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	7005-72-3	4-Chlorophenyl-phenylether	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	106-44-5	4-Methylphenol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	100-01-6	4-Nitroaniline	2000	2000	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	100-02-7	4-Nitrophenol	2000	2000	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	59-50-7	4-chloro-3-methylphenol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	83-32-9	Acenaphthene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	208-96-8	Acenaphthylene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	120-12-7	Anthracene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	56-55-3	Benzo(a)anthracene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	50-32-8	Benzo(a)pyrene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	205-99-2	Benzo(b)fluoranthene	410	410	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	191-24-2	Benzo(g,h,i)perylene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	207-08-9	Benzo(k)fluoranthene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	65-85-0	Benzoic Acid	2000	2000	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	100-51-6	Benzyl Alcohol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	111-91-1	Bis(2-chloroethoxy)methane	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	111-44-4	Bis(2-chloroethyl)ether	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	117-81-7	Bis(2-ethylhexyl)phthalate	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	85-68-7	Butyl Benzyl Phthalate	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	218-01-9	Chrysene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	84-74-2	Di-n-butyl Phthalate	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	117-84-0	Di-n-octyl Phthalate	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	53-70-3	Dibenz(a,h)anthracene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	132-64-9	Dibenzofuran	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	84-66-2	Diethyl Phthalate	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	131-11-3	Dimethyl Phthalate	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	206-44-0	Fluoranthene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	86-73-7	Fluorene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	118-74-1	Hexachlorobenzene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	87-68-3	Hexachlorobutadiene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	77-47-4	Hexachlorocyclopentadiene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	67-72-1	Hexachloroethane	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	193-39-5	Indeno(1,2,3-cd)pyrene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	78-59-1	Isophorone	410	410	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	621-64-7	N-Nitroso-di-n-propylamine	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	86-30-6	N-Nitrosodiphenylamine	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	91-20-3	Naphthalene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	98-95-3	Nitrobenzene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	87-86-5	Pentachlorophenol	2000	2000	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	85-01-8	Phenanthrene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	108-95-2	Phenol	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	129-00-0	Pyrene	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	110-86-1	Pyridine	410	410	ug/kg	U	U	SW846 8270
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	630-20-6	1,1,1,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	71-55-6	1,1,1-Trichloroethane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	79-34-5	1,1,2,2-Tetrachloroethane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	79-00-5	1,1,2-Trichloroethane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	75-34-3	1,1-Dichloroethane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	75-35-4	1,1-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	563-58-6	1,1-Dichloropropene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	87-61-6	1,2,3-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	96-18-4	1,2,3-Trichloropropane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	120-82-1	1,2,4-Trichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	95-63-6	1,2,4-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	106-93-4	1,2-Dibromoethane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	95-50-1	1,2-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	107-06-2	1,2-Dichloroethane	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	78-87-5	1,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	156-59-2	1,2-cis-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	96-12-8	1,2-dibromo-3-chloropropane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	156-60-5	1,2-trans-Dichloroethene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	108-67-8	1,3,5-trimethylbenzene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	541-73-1	1,3-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	142-28-9	1,3-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	106-46-7	1,4-Dichlorobenzene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	594-20-7	2,2-Dichloropropane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	78-93-3	2-Butanone	18	6	ug/kg			SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	95-49-8	2-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	591-78-6	2-Hexanone	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	106-43-4	4-Chlorotoluene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	108-10-1	4-Methyl-2-pentanone	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	67-64-1	Acetone	5	6	ug/kg	J	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	71-43-2	Benzene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	108-86-1	Bromobenzene	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	74-97-5	Bromochloromethane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	75-27-4	Bromodichloromethane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	75-25-2	Bromoform	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	74-83-9	Bromomethane	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	56-23-5	Carbon Tetrachloride	6	6	ug/kg	U	U	SW846 8260
SB103	23SB101	FH023-SB101/02-04-97/0.0-0.5	02/04/1997	0.0-0.5	108-90-7	Chlorobenzene	6	6	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	95-94-3	1,2,4,5-Tetrachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	120-82-1	1,2,4-Trichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	95-50-1	1,2-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	541-73-1	1,3-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	106-46-7	1,4-Dichlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	108-60-1	2,2'-oxybis(1-chloropropane)	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	95-95-4	2,4,5-Trichlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	88-06-2	2,4,6-Trichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	120-83-2	2,4-Dichlorophenol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	105-67-9	2,4-Dimethylphenol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	51-28-5	2,4-Dinitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	121-14-2	2,4-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	606-20-2	2,6-Dinitrotoluene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	91-58-7	2-Chloronaphthalene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	95-57-8	2-Chlorophenol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	91-57-6	2-Methylnaphthalene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	95-48-7	2-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	88-74-4	2-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	88-75-5	2-Nitrophenol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	91-94-1	3,3'-Dichlorobenzidine	700	700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	99-09-2	3-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	534-52-1	4,6-Dinitro-o-Cresol	1700	1700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	101-55-3	4-Bromophenyl-phenyl Ether	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	106-47-8	4-Chloroaniline	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	7005-72-3	4-Chlorophenyl-phenylether	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	106-44-5	4-Methylphenol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	100-01-6	4-Nitroaniline	1700	1700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	100-02-7	4-Nitrophenol	1700	1700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	59-50-7	4-chloro-3-methylphenol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	83-32-9	Acenaphthene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	208-96-8	Acenaphthylene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	120-12-7	Anthracene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	56-55-3	Benzo(a)anthracene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	50-32-8	Benzo(a)pyrene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	205-99-2	Benzo(b)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	191-24-2	Benzo(g,h,i)perylene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	207-08-9	Benzo(k)fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	65-85-0	Benzoic Acid	1700	1700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	100-51-6	Benzyl Alcohol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	111-91-1	Bis(2-chloroethoxy)methane	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	111-44-4	Bis(2-chloroethyl)ether	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	117-81-7	Bis(2-ethylhexyl)phthalate	45	350	ug/kg	JB	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	85-68-7	Butyl Benzyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	218-01-9	Chrysene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	84-74-2	Di-n-butyl Phthalate	160	350	ug/kg	JB	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	117-84-0	Di-n-octyl Phthalate	350	350	ug/kg	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	53-70-3	Dibenz(a,h)anthracene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	132-64-9	Dibenzofuran	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	84-66-2	Diethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	131-11-3	Dimethyl Phthalate	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	206-44-0	Fluoranthene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	86-73-7	Fluorene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	118-74-1	Hexachlorobenzene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	87-68-3	Hexachlorobutadiene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	77-47-4	Hexachlorocyclopentadiene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	67-72-1	Hexachloroethane	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	193-39-5	Indeno(1,2,3-cd)pyrene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	78-59-1	Isophorone	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	621-64-7	N-Nitroso-di-n-propylamine	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	86-30-6	N-Nitrosodiphenylamine	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	91-20-3	Naphthalene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	98-95-3	Nitrobenzene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	87-86-5	Pentachlorophenol	1700	1700	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	85-01-8	Phenanthrene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	108-95-2	Phenol	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	129-00-0	Pyrene	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	110-86-1	Pyridine	350	350	ug/kg	U	U	SW846 8270
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	71-55-6	1,1,1-Trichloroethane	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	79-00-5	1,1,2-Trichloroethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	75-34-3	1,1-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	75-35-4	1,1-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	563-58-6	1,1-Dichloropropene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	87-61-6	1,2,3-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	96-18-4	1,2,3-Trichloropropane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	120-82-1	1,2,4-Trichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	95-63-6	1,2,4-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	106-93-4	1,2-Dibromoethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	95-50-1	1,2-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	107-06-2	1,2-Dichloroethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	78-87-5	1,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	156-59-2	1,2-cis-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	156-60-5	1,2-trans-Dichloroethene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	108-67-8	1,3,5-trimethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	541-73-1	1,3-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	142-28-9	1,3-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	106-46-7	1,4-Dichlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	594-20-7	2,2-Dichloropropane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	78-93-3	2-Butanone	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	95-49-8	2-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	591-78-6	2-Hexanone	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	106-43-4	4-Chlorotoluene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	108-10-1	4-Methyl-2-pentanone	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	67-64-1	Acetone	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	71-43-2	Benzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	108-86-1	Bromobenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	74-97-5	Bromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	75-27-4	Bromodichloromethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	75-25-2	Bromoform	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	74-83-9	Bromomethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	56-23-5	Carbon Tetrachloride	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	108-90-7	Chlorobenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	75-00-3	Chloroethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	67-66-3	Chloroform	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	74-87-3	Chloromethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	124-48-1	Dibromochloromethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	74-95-3	Dibromomethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	75-71-8	Dichlorodifluoromethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	100-41-4	Ethylbenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	87-68-3	Hexachlorobutadiene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	98-82-8	Isopropyl Benzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	75-09-2	Methylene Chloride	14	5	ug/kg	B	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	91-20-3	Naphthalene	5	5	ug/kg	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	100-42-5	Styrene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	127-18-4	Tetrachloroethene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	108-88-3	Toluene	6	5	ug/kg			SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	79-01-6	Trichloroethene	2	5	ug/kg	JB	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	75-69-4	Trichlorofluoromethane	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	75-01-4	Vinyl Chloride	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	13-302-07	m,p-Xylene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	104-51-8	n-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	103-65-1	n-propylbenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	95-47-6	o-Xylene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	99-87-6	p-Isopropyltoluene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	135-98-8	sec-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
SB108	23SB116	FH023-SB116/09-20-97/0.0-0.66	09/20/1997	0.0-0.7	98-06-6	tert-Butylbenzene	5	5	ug/kg	U	U	SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		7440-38-2	Arsenic	2.1	2.1	ug/l	U		SW846 6010
	ER051	FH023-ER051/02-18-97	02/18/1997		7440-39-3	Barium	0.3	0.30	ug/l	U		SW846 6010
	ER051	FH023-ER051/02-18-97	02/18/1997		7440-43-9	Cadmium	0.3	0.30	ug/l	U		SW846 6010
	ER051	FH023-ER051/02-18-97	02/18/1997		7440-47-3	Chromium	1	1.0	ug/l	U		SW846 6010
	ER051	FH023-ER051/02-18-97	02/18/1997		7439-92-1	Lead	0.9	0.90	ug/l	U		SW846 6010
	ER051	FH023-ER051/02-18-97	02/18/1997		7439-97-6	Mercury	0.1	0.10	ug/l	U		SW846 7470
	ER051	FH023-ER051/02-18-97	02/18/1997		7782-49-2	Selenium	2.2	2.2	ug/l	U		SW846 7740
	ER051	FH023-ER051/02-18-97	02/18/1997		7440-22-4	Silver	1	1.0	ug/l	U		SW846 6010
	ER051	FH023-ER051/02-18-97	02/18/1997		95-94-3	1,2,4,5-Tetrachlorobenzene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		120-82-1	1,2,4-Trichlorobenzene	10	10	ug/l	U		SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER051	FH023-ER051/02-18-97	02/18/1997		95-50-1	1,2-Dichlorobenzene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		541-73-1	1,3-Dichlorobenzene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		106-46-7	1,4-Dichlorobenzene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		108-60-1	2,2'-oxybis(1-chloropropane)	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		95-95-4	2,4,5-Trichlorophenol	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		88-06-2	2,4,6-Trichlorophenol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		120-83-2	2,4-Dichlorophenol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		105-67-9	2,4-Dimethylphenol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		51-28-5	2,4-Dinitrophenol	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		121-14-2	2,4-Dinitrotoluene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		606-20-2	2,6-Dinitrotoluene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		91-58-7	2-Chloronaphthalene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		95-57-8	2-Chlorophenol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		91-57-6	2-Methylnaphthalene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		95-48-7	2-Methylphenol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		88-74-4	2-Nitroaniline	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		88-75-5	2-Nitrophenol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		91-94-1	3,3'-Dichlorobenzidine	20	20	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		99-09-2	3-Nitroaniline	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		534-52-1	4,6-Dinitro-o-Cresol	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		101-55-3	4-Bromophenyl-phenyl Ether	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		106-47-8	4-Chloroaniline	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		7005-72-3	4-Chlorophenyl-phenylether	10	10	ug/l	U		SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER051	FH023-ER051/02-18-97	02/18/1997		106-44-5	4-Methylphenol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		100-01-6	4-Nitroaniline	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		100-02-7	4-Nitrophenol	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		59-50-7	4-chloro-3-methylphenol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		83-32-9	Acenaphthene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		208-96-8	Acenaphthylene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		120-12-7	Anthracene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		56-55-3	Benzo(a)anthracene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		50-32-8	Benzo(a)pyrene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		205-99-2	Benzo(b)fluoranthene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		191-24-2	Benzo(g,h,i)perylene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		207-08-9	Benzo(k)fluoranthene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		65-85-0	Benzoic Acid	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		100-51-6	Benzyl Alcohol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		111-91-1	Bis(2-chloroethoxy)methane	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		111-44-4	Bis(2-chloroethyl)ether	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		117-81-7	Bis(2-ethylhexyl)phthalate	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		85-68-7	Butyl Benzyl Phthalate	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		218-01-9	Chrysene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		84-74-2	Di-n-butyl Phthalate	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		117-84-0	Di-n-octyl Phthalate	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		53-70-3	Dibenz(a,h)anthracene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		132-64-9	Dibenzofuran	10	10	ug/l	U		SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER051	FH023-ER051/02-18-97	02/18/1997		84-66-2	Diethyl Phthalate	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		131-11-3	Dimethyl Phthalate	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		206-44-0	Fluoranthene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		86-73-7	Fluorene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		118-74-1	Hexachlorobenzene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		87-68-3	Hexachlorobutadiene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		77-47-4	Hexachlorocyclopentadiene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		67-72-1	Hexachloroethane	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		193-39-5	Indeno(1,2,3-cd)pyrene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		78-59-1	Isophorone	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		621-64-7	N-Nitroso-di-n-propylamine	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		86-30-6	N-Nitrosodiphenylamine	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		91-20-3	Naphthalene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		98-95-3	Nitrobenzene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		87-86-5	Pentachlorophenol	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		85-01-8	Phenanthrene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		108-95-2	Phenol	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		129-00-0	Pyrene	10	10	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		110-86-1	Pyridine	50	50	ug/l	U		SW846 8270
	ER051	FH023-ER051/02-18-97	02/18/1997		630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		71-55-6	1,1,1-Trichloroethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		79-00-5	1,1,2-Trichloroethane	5	5	ug/l	U		SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER051	FH023-ER051/02-18-97	02/18/1997		75-34-3	1,1-Dichloroethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		75-35-4	1,1-Dichloroethene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		563-58-6	1,1-Dichloropropene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		87-61-6	1,2,3-Trichlorobenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		96-18-4	1,2,3-Trichloropropane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		120-82-1	1,2,4-Trichlorobenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		95-63-6	1,2,4-trimethylbenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		106-93-4	1,2-Dibromoethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		95-50-1	1,2-Dichlorobenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		107-06-2	1,2-Dichloroethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		78-87-5	1,2-Dichloropropane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		156-59-2	1,2-cis-Dichloroethene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		156-60-5	1,2-trans-Dichloroethene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		108-67-8	1,3,5-trimethylbenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		541-73-1	1,3-Dichlorobenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		142-28-9	1,3-Dichloropropane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		106-46-7	1,4-Dichlorobenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		594-20-7	2,2-Dichloropropane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		78-93-3	2-Butanone	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		95-49-8	2-Chlorotoluene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		591-78-6	2-Hexanone	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		106-43-4	4-Chlorotoluene	5	5	ug/l	U		SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER051	FH023-ER051/02-18-97	02/18/1997		108-10-1	4-Methyl-2-pentanone	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		67-64-1	Acetone	10	5	ug/l			SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		71-43-2	Benzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		108-86-1	Bromobenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		74-97-5	Bromochloromethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		75-27-4	Bromodichloromethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		75-25-2	Bromoform	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		74-83-9	Bromomethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		56-23-5	Carbon Tetrachloride	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		108-90-7	Chlorobenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		75-00-3	Chloroethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		67-66-3	Chloroform	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		74-87-3	Chloromethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		124-48-1	Dibromochloromethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		74-95-3	Dibromomethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		75-71-8	Dichlorodifluoromethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		100-41-4	Ethylbenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		87-68-3	Hexachlorobutadiene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		98-82-8	Isopropyl Benzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		75-09-2	Methylene Chloride	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		91-20-3	Naphthalene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		100-42-5	Styrene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		127-18-4	Tetrachloroethene	5	5	ug/l	U		SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER051	FH023-ER051/02-18-97	02/18/1997		108-88-3	Toluene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		79-01-6	Trichloroethene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		75-69-4	Trichlorofluoromethane	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		75-01-4	Vinyl Chloride	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		13-302-07	m,p-Xylene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		104-51-8	n-Butylbenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		103-65-1	n-propylbenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		95-47-6	o-Xylene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		99-87-6	p-Isopropyltoluene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		135-98-8	sec-Butylbenzene	5	5	ug/l	U		SW846 8260
	ER051	FH023-ER051/02-18-97	02/18/1997		98-06-6	tert-Butylbenzene	5	5	ug/l	U		SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		7440-38-2	Arsenic	2.1	2.1	ug/l	U		SW846 6010
	ER083	FH023-ER080/09-19-97	09/19/1997		7440-39-3	Barium	0.48	0.3	ug/l	B		SW846 6010
	ER083	FH023-ER080/09-19-97	09/19/1997		7440-43-9	Cadmium	2.3	0.3	ug/l	B		SW846 6010
	ER083	FH023-ER080/09-19-97	09/19/1997		7440-47-3	Chromium	1	1.0	ug/l	U		SW846 6010
	ER083	FH023-ER080/09-19-97	09/19/1997		7439-92-1	Lead	0.9	0.9	ug/l	U		SW846 6010
	ER083	FH023-ER080/09-19-97	09/19/1997		7439-97-6	Mercury	0.1	0.1	ug/l	U		SW846 7470
	ER083	FH023-ER080/09-19-97	09/19/1997		7782-49-2	Selenium	3	2.2	ug/l	BS		SW846 6010
	ER083	FH023-ER080/09-19-97	09/19/1997		7440-22-4	Silver	1	1.0	ug/l	U		SW846 6010
	ER083	FH023-ER080/09-19-97	09/19/1997		95-94-3	1,2,4,5-Tetrachlorobenzene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		120-82-1	1,2,4-Trichlorobenzene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		95-50-1	1,2-Dichlorobenzene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		541-73-1	1,3-Dichlorobenzene	10	10	ug/l	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER083	FH023-ER080/09-19-97	09/19/1997		106-46-7	1,4-Dichlorobenzene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		108-60-1	2,2'-oxybis(1-chloropropane)	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		95-95-4	2,4,5-Trichlorophenol	50	50	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		88-06-2	2,4,6-Trichlorophenol	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		120-83-2	2,4-Dichlorophenol	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		105-67-9	2,4-Dimethylphenol	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		51-28-5	2,4-Dinitrophenol	50	50	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		121-14-2	2,4-Dinitrotoluene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		606-20-2	2,6-Dinitrotoluene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		91-58-7	2-Chloronaphthalene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		95-57-8	2-Chlorophenol	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		91-57-6	2-Methylnaphthalene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		95-48-7	2-Methylphenol	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		88-74-4	2-Nitroaniline	50	50	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		88-75-5	2-Nitrophenol	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		91-94-1	3,3'-Dichlorobenzidine	20	20	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		99-09-2	3-Nitroaniline	50	50	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		534-52-1	4,6-Dinitro-o-Cresol	50	50	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		101-55-3	4-Bromophenyl-phenyl Ether	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		106-47-8	4-Chloroaniline	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		7005-72-3	4-Chlorophenyl-phenylether	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		106-44-5	4-Methylphenol	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		100-01-6	4-Nitroaniline	50	50	ug/l	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER083	FH023-ER080/09-19-97	09/19/1997		100-02-7	4-Nitrophenol	50	50	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		59-50-7	4-chloro-3-methylphenol	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		83-32-9	Acenaphthene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		208-96-8	Acenaphthylene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		120-12-7	Anthracene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		56-55-3	Benzo(a)anthracene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		50-32-8	Benzo(a)pyrene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		205-99-2	Benzo(b)fluoranthene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		191-24-2	Benzo(g,h,i)perylene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		207-08-9	Benzo(k)fluoranthene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		65-85-0	Benzoic Acid	12	50	ug/l	J	J	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		100-51-6	Benzyl Alcohol	2	10	ug/l	J	J	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		111-91-1	Bis(2-chloroethoxy)methane	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		111-44-4	Bis(2-chloroethyl)ether	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		117-81-7	Bis(2-ethylhexyl)phthalate	1	10	ug/l	J	J	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		85-68-7	Butyl Benzyl Phthalate	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		218-01-9	Chrysene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		84-74-2	Di-n-butyl Phthalate	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		117-84-0	Di-n-octyl Phthalate	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		53-70-3	Dibenz(a,h)anthracene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		132-64-9	Dibenzofuran	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		84-66-2	Diethyl Phthalate	1	10	ug/l	J	J	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		131-11-3	Dimethyl Phthalate	10	10	ug/l	U	U	SW846 8270

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER083	FH023-ER080/09-19-97	09/19/1997		206-44-0	Fluoranthene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		86-73-7	Fluorene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		118-74-1	Hexachlorobenzene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		87-68-3	Hexachlorobutadiene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		77-47-4	Hexachlorocyclopentadiene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		67-72-1	Hexachloroethane	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		193-39-5	Indeno(1,2,3-cd)pyrene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		78-59-1	Isophorone	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		621-64-7	N-Nitroso-di-n-propylamine	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		86-30-6	N-Nitrosodiphenylamine	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		91-20-3	Naphthalene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		98-95-3	Nitrobenzene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		87-86-5	Pentachlorophenol	50	50	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		85-01-8	Phenanthrene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		108-95-2	Phenol	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		129-00-0	Pyrene	10	10	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		110-86-1	Pyridine	50	50	ug/l	U	U	SW846 8270
	ER083	FH023-ER080/09-19-97	09/19/1997		630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		71-55-6	1,1,1-Trichloroethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		79-00-5	1,1,2-Trichloroethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		75-34-3	1,1-Dichloroethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		75-35-4	1,1-Dichloroethene	5	5	ug/l	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER083	FH023-ER080/09-19-97	09/19/1997		563-58-6	1,1-Dichloropropene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		87-61-6	1,2,3-Trichlorobenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		96-18-4	1,2,3-Trichloropropane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		120-82-1	1,2,4-Trichlorobenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		95-63-6	1,2,4-trimethylbenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		106-93-4	1,2-Dibromoethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		95-50-1	1,2-Dichlorobenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		107-06-2	1,2-Dichloroethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		78-87-5	1,2-Dichloropropane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		156-59-2	1,2-cis-Dichloroethene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		156-60-5	1,2-trans-Dichloroethene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		108-67-8	1,3,5-trimethylbenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		541-73-1	1,3-Dichlorobenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		142-28-9	1,3-Dichloropropane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		106-46-7	1,4-Dichlorobenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		594-20-7	2,2-Dichloropropane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		78-93-3	2-Butanone	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		95-49-8	2-Chlorotoluene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		591-78-6	2-Hexanone	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		106-43-4	4-Chlorotoluene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		108-10-1	4-Methyl-2-pentanone	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		67-64-1	Acetone	15	5	ug/l			SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER083	FH023-ER080/09-19-97	09/19/1997		71-43-2	Benzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		108-86-1	Bromobenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		74-97-5	Bromochloromethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		75-27-4	Bromodichloromethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		75-25-2	Bromoform	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		74-83-9	Bromomethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		56-23-5	Carbon Tetrachloride	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		108-90-7	Chlorobenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		75-00-3	Chloroethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		67-66-3	Chloroform	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		74-87-3	Chloromethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		124-48-1	Dibromochloromethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		74-95-3	Dibromomethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		75-71-8	Dichlorodifluoromethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		100-41-4	Ethylbenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		87-68-3	Hexachlorobutadiene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		98-82-8	Isopropyl Benzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		75-09-2	Methylene Chloride	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		91-20-3	Naphthalene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		100-42-5	Styrene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		127-18-4	Tetrachloroethene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		108-88-3	Toluene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		79-01-6	Trichloroethene	5	5	ug/l	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	ER083	FH023-ER080/09-19-97	09/19/1997		75-69-4	Trichlorofluoromethane	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		75-01-4	Vinyl Chloride	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		13-302-07	m,p-Xylene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		104-51-8	n-Butylbenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		103-65-1	n-propylbenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		95-47-6	o-Xylene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		99-87-6	p-Isopropyltoluene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		135-98-8	sec-Butylbenzene	5	5	ug/l	U	U	SW846 8260
	ER083	FH023-ER080/09-19-97	09/19/1997		98-06-6	tert-Butylbenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		630-20-6	1,1,1,2-Tetrachloroethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		71-55-6	1,1,1-Trichloroethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		79-34-5	1,1,2,2-Tetrachloroethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		79-00-5	1,1,2-Trichloroethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		75-34-3	1,1-Dichloroethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		75-35-4	1,1-Dichloroethene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		563-58-6	1,1-Dichloropropene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		87-61-6	1,2,3-Trichlorobenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		96-18-4	1,2,3-Trichloropropane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		120-82-1	1,2,4-Trichlorobenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		95-63-6	1,2,4-trimethylbenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		106-93-4	1,2-Dibromoethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		95-50-1	1,2-Dichlorobenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		107-06-2	1,2-Dichloroethane	5	5	ug/l	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	TB070	FH023-TB070/02-18-97	02/18/1997		78-87-5	1,2-Dichloropropane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		156-59-2	1,2-cis-Dichloroethene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		96-12-8	1,2-dibromo-3-chloropropane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		156-60-5	1,2-trans-Dichloroethene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		108-67-8	1,3,5-trimethylbenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		541-73-1	1,3-Dichlorobenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		142-28-9	1,3-Dichloropropane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		106-46-7	1,4-Dichlorobenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		594-20-7	2,2-Dichloropropane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		78-93-3	2-Butanone	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		95-49-8	2-Chlorotoluene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		591-78-6	2-Hexanone	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		106-43-4	4-Chlorotoluene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		108-10-1	4-Methyl-2-pentanone	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		67-64-1	Acetone	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		71-43-2	Benzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		108-86-1	Bromobenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		74-97-5	Bromochloromethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		75-27-4	Bromodichloromethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		75-25-2	Bromoform	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		74-83-9	Bromomethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		56-23-5	Carbon Tetrachloride	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		108-90-7	Chlorobenzene	5	5	ug/l	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	TB070	FH023-TB070/02-18-97	02/18/1997		75-00-3	Chloroethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		67-66-3	Chloroform	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		74-87-3	Chloromethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		124-48-1	Dibromochloromethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		74-95-3	Dibromomethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		75-71-8	Dichlorodifluoromethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		100-41-4	Ethylbenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		87-68-3	Hexachlorobutadiene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		98-82-8	Isopropyl Benzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		75-09-2	Methylene Chloride	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		91-20-3	Naphthalene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		100-42-5	Styrene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		127-18-4	Tetrachloroethene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		108-88-3	Toluene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		79-01-6	Trichloroethene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		75-69-4	Trichlorofluoromethane	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		75-01-4	Vinyl Chloride	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		13-302-07	m,p-Xylene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		104-51-8	n-Butylbenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		103-65-1	n-propylbenzene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		95-47-6	o-Xylene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		99-87-6	p-Isopropyltoluene	5	5	ug/l	U	U	SW846 8260
	TB070	FH023-TB070/02-18-97	02/18/1997		135-98-8	sec-Butylbenzene	5	5	ug/l	U	U	SW846 8260

Location	Sample ID	COE Sample ID	Date Collected	Depth	CAS Number	Parameter	Result	Detection Limit	Units of Measure	Lab * Qual	Data** Qual	Method
	TB070	FH023-TB070/02-18-97	02/18/1997		98-06-6	tert-Butylbenzene	5	5	ug/l	U	U	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 he 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.

FIRST ROUND SAMPLING RESULTS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB101

Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23402.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 20 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	6	U
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	18	
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.

23SB101

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: 28409.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23402.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 20 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.

23SB102

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: 28409.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23403.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 8 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	3	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	J
67-64-1	ACETONE	22	
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	15	
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.

23SB102

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: 28409.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23403.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 8 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.

23SB103

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: 28409.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23404.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 17 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	6	U
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	16	
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.

23SB103

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: 23409.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23404.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 17 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.

23SB104

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: 28409.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23405.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 7 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	4	J
67-64-1	ACETONE	50	
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	130	
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	34	
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	3	J
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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB104

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: 28409.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23405.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 7 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	3	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	4	J
120-82-1	1 2 4-TRICHLOROBENZENE	3	J
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.

23B105

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23570.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 19 Date Analyzed: 02/27/97

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.

23B105

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SNOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23570.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 19 Date Analyzed: 02/27/97

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.

23B106

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23571.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 Date Analyzed: 02/27/97

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	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.

23B106

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23571.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 Date Analyzed: 02/27/97

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.

23B107

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23572.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/27/97

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	2	J
67-64-1	ACETONE	34	
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.

23B107

Lab Name: SWL-TULSA Contract: FT. HOOD 5H

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23572.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/27/97

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.

23B107RE

Lab Name: SWL-TULSA Contract: FT. HOOD 9H

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.03RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23592.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/28/97

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	5	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.

23B107RE

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.03RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23592.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/28/97

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.

233108

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23593.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 Date Analyzed: 02/28/97

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	7	
67-64-1	ACETONE	42	
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.

233108

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23593.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 Date Analyzed: 02/28/97

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.

23B108RE

Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.04RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23599.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 Date Analyzed: 02/28/97

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	11	
67-64-1	ACETONE	34	
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	3	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.

23B108RE

Lab Name: SWL-TULSA Contract: FT. HOOD 9H

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.04RA

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23599.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 Date Analyzed: 02/28/97

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.

23B109

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23600.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/28/97

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	8	
67-64-1	ACETONE	28	
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.
23B109

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23600.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/28/97

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.

23B11D

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23575.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 16 Date Analyzed: 02/27/97

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.

23B110

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23575.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 16 Date Analyzed: 02/27/97

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	5	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	5	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.

23B111

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23601.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 14 Date Analyzed: 02/28/97

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	9	
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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B111

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.07

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23601.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 14 Date Analyzed: 02/28/97

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.

23B112

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23577.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/27/97

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.

23B112

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.08

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23577.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/27/97

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.

233113

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23602.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/28/97

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	7	
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

LA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B113

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23602.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 Date Analyzed: 02/28/97

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.
23B114

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23579.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 Date Analyzed: 02/27/97

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	22	
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	38	
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.

23B114

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.10

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23579.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 Date Analyzed: 02/27/97

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.

FHSB221

Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.17

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23603.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 14 Date Analyzed: 02/28/97

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	10	
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.

FHSB221

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.17

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C23603.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 14 Date Analyzed: 02/28/97

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.

TB046

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) WATER Lab Sample ID: 28409.25

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: UL945.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. _____ Date Analyzed: 02/11/97

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	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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB046

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) WATER Lab Sample ID: 28409.25

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: UL945.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. _____ Date Analyzed: 02/11/97

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB070

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) WATER Lab Sample ID: 28573.18

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: K17830.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. _____ Date Analyzed: 02/26/97

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	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

LA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB070

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) WATER Lab Sample ID: 28573.18

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: K17830.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. _____ Date Analyzed: 02/26/97

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SR032

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28256

Matrix: (soil/water) WATER Lab Sample ID: 28256.19

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C23473.D

Level: (low/med) LOW Date Received: 01/23/97

% Moisture: not dec. _____ Date Analyzed: 01/28/97

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	18	
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.

ER032

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28256

Matrix: (soil/water) WATER Lab Sample ID: 28256.19

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C23473.D

Level: (low/med) LOW Date Received: 01/23/97

% Moisture: not dec. _____ Date Analyzed: 01/28/97

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	3	J
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.

ER051

Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28555

Matrix: (soil/water) WATER Lab Sample ID: 28555.15

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: K17822.D

Level: (low/med) LOW Date Received: 02/19/97

% Moisture: not dec. _____ Date Analyzed: 02/26/97

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	10	
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

LA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER051

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28555

Matrix: (soil/water) WATER Lab Sample ID: 28555.15

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: K17822.D

Level: (low/med) LOW Date Received: 02/19/97

% Moisture: not dec. Date Analyzed: 02/26/97

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER053

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) WATER Lab Sample ID: 28573.12

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: K17825.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. _____ Date Analyzed: 02/26/97

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	4	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.

ER053

Lab Name: SWL-TULSA Contract: FT. HOOD PH

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) WATER Lab Sample ID: 28573.12

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: K17825.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. _____ Date Analyzed: 02/26/97

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.

23SB101

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20519.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 20 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

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	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-Chloroisopropyl)ether	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB101

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20519.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 20 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

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	2000	U
83-32-9	Acenaphthene	410	U
121-14-2	2,4-Dinitrotoluene	410	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenylphenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	820	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenz(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U
110-86-1	Pyridine	410	U

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB101

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: 28409.01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20519.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 20 dec. Date Extracted: 02/07/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/11/97

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	410	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB102

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: 28409.02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20490.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: 8.6 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.

23SB102

Lab Name: SWL-TOLSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20490.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: 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	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.

23SB102

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20490.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: 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	360	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB103

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: 28409.03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20491.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 17 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	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.

23SB103

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20491.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 17 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	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.

23SB103

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: 28409.03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20491.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 17 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	400	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB104

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20492.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 7 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: 9.0 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

FORM I SV-1

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB104

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28409

Matrix: (soil/water) SOIL Lab Sample ID: 28409.04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20492.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 7 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: 9.0 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	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.

23SB104

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: 28409.04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20492.D

Level: (low/med) LOW Date Received: 02/06/97

% Moisture: not dec. 7 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: 9.0 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.

23B105

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20752.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 19 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
100-51-6	Benzyl alcohol	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	bis(2-Chloroisopropyl)ether	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
65-85-0	Benzoic Acid	2000	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B105

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20752.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 19 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	410	U
121-14-2	2,4-Dinitrotoluene	410	U
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenylphenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	360	J
91-94-1	3,3'-Dichlorobenzidine	810	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	250	JB
117-84-0	Di-n-octylphthalate	73	J
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenz(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U
110-86-1	Pyridine	410	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B105

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20752.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 19 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	410	U

FORM I SV-3

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B106

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20753.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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.

23B106

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20753.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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	78	J
91-94-1	3,3'-Dichlorobenzidine	710	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	190	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

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B106

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.02

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20753.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	360	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B107

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20754.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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.

23B107

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20754.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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	160	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.

23B107

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20754.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	360	U

FORM I SV-3

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B108

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20755.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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
95-57-6	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.

23B108

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20755.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	270	J
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	240	JB
117-84-0	Di-n-octylphthalate	48	J
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.

23B108

Name: SWL-TULSA Contract: FT. EOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20755.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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

FORM I SV-3

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B109

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.05

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20756.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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.

23BI09

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.05

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20756.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted:02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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	190	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.

23B109

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.05

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20756.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 6 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	360	U

FORM I SV-3

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B110

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20757.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 16 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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

FORM I SV-1

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B110

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20757.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 16 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	160	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.

23B110

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20757.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 16 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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

FORM I SV-3

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B111

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20758.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 14 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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.

23B111

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20758.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 14 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	210	JB
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.

23B111

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20758.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 14 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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

FORM I SV-3

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B112

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20759.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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.

23B112

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20759.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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	170	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.

23B112

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20759.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	360	U

FORM I SV-3

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B113

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20760.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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.

23B113

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20760.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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	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	220	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

FORM I SV-2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B113

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20760.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 8 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/24/97

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.

23B114

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20785.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/97

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

FORM I SV-1

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23B134

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20785.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/97

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	160	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.

23B114

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20785.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/97

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

FORM I SV-3

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FHSB221

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.17

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20786.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/97

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	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.

FHSB221

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.17

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20786.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/97

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	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	240	J
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	180	JB
117-84-0	Di-n-octylphthalate	49	J
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.

FHSB221

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) SOIL Lab Sample ID: 28573.17

Sample wt/vol: 30.0 (g/mL) G Lab File ID: T20786.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 7 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/25/97

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	350	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER032

Name: SWL-TULSA Contract: FT.HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28256

Matrix: (soil/water) WATER Lab Sample ID: 28256.19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T20321.D

Level: (low/med) LOW Date Received: 01/23/97

% Moisture: not dec. 0 dec. Date Extracted: 01/25/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 01/28/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 6.3 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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER032

Name: SWL-TULSA Contract: FT.HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28256

Matrix: (soil/water) WATER Lab Sample ID: 28256.19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T20321.D

Level: (low/med) LOW Date Received: 01/23/97

% Moisture: not dec. 0 dec. Date Extracted: 01/25/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 01/28/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 6.3 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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER032

Name: SWL-TULSA Contract: FT.HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28256

Matrix: (soil/water) WATER Lab Sample ID: 28256.19

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T20321.D

Level: (low/med) LOW Date Received: 01/23/97

% Moisture: not dec. 0 dec. Date Extracted:01/25/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 01/28/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 6.3 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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER051

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28555

Matrix: (soil/water) WATER Lab Sample ID: 28555.15

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T20732.D

Level: (low/med) LOW Date Received: 02/19/97

% Moisture: not dec. 0 dec. Date Extracted: 02/19/97

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/97

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/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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER051

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28555

Matrix: (soil/water) WATER Lab Sample ID: 28555.15

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T20732.D

Level: (low/med) LOW Date Received: 02/19/97

% Moisture: not dec. 0 dec. Date Extracted: 02/19/97

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/97

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/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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER051

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28555

Matrix: (soil/water) WATER Lab Sample ID: 28555.15

Sample wt/vol: 1000 (g/mL) ML Lab File ID: T20732.D

Level: (low/med) LOW Date Received: 02/19/97

% Moisture: not dec. 0 dec. Date Extracted: 02/19/97

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/97

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/L	Q
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U

FORM I SV-3

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER053

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) WATER Lab Sample ID: 28573.12

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S8692.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 0 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 02/25/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 6.4 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	1	J
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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER053

Lab Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) WATER Lab Sample ID: 28573.12

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S8692.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 0 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 02/25/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 6.4 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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ER053

Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 28573

Matrix: (soil/water) WATER Lab Sample ID: 28573.12

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S8692.D

Level: (low/med) LOW Date Received: 02/20/97

% Moisture: not dec. 0 dec. Date Extracted: 02/21/97

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 02/25/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 6.4 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

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40901

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: 28409.01__

Level (low/med): LOW__ Date Received: 02/06/97

% Solids: _79.6

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	104			P
7440-43-9	Cadmium	0.28	B		P
7440-47-3	Chromium	18.1			P
7439-92-1	Lead	11.5		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.35	U	W	F
7440-22-4	Silver	0.24	U		P

Color Before: BLACK Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

CLIENT_ID_=_23SB101

FORM I - IN

ILM02.1

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40902

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: 28409.02__
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	3.5			P
7440-39-3	Barium	5.4			P
7440-43-9	Cadmium	0.06	B		P
7440-47-3	Chromium	5.8			P
7439-92-1	Lead	2.0		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.5	U	W	P
7440-22-4	Silver	0.21	U		P

Color Before: GREY_____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID_=_23SB102

FORM I - IN

ILM02.1

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40903

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: 28409.03
Level (low/med): LOW Date Received: 02/06/97
% Solids: 83.1

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	32.5			P
7440-43-9	Cadmium	0.12	B		P
7440-47-3	Chromium	8.7			P
7439-92-1	Lead	5.0		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.39	B	S	P
7440-22-4	Silver	0.23	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:
CLIENT_ID = 23SB103

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

40904

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: 28409.04

Level (low/med): LOW Date Received: 02/06/97

% Solids: 93.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.8			P
7440-39-3	Barium	3.6			P
7440-43-9	Cadmium	0.08	B		P
7440-47-3	Chromium	6.3			P
7439-92-1	Lead	1.5		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.5	U	W	F
7440-22-4	Silver	0.20	U		P

Color Before: GREY Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID_=_23SB104

FORM I - IN

ILM02.1

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

57301

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 28573 SAS No.: _____ SDG No.: 28573A
Matrix (soil/water): SOIL_ Lab Sample ID: 28573.01
Level (low/med): LOW__ Date Received: 02/20/97
% Solids: _81.3

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	106			P
7440-43-9	Cadmium	0.28	B		P
7440-47-3	Chromium	17.6			P
7439-92-1	Lead	10.6			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.4	U		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_=_23B105

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S7302

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 28573 SAS No.: _____ SDG No.: 28573A
Matrix (soil/water): SOIL_ Lab Sample ID: 28573.02
Level (low/med): LOW__ Date Received: 02/20/97
% Solids: _92.6

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	5.5			P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	5.5			P
7439-92-1	Lead	1.6			P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	0.24	U	W	P
7440-22-4	Silver	0.18	U		P

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID_=_23B106

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

57303

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK___ Case No.: 28573 SAS No.: _____ SDG No.: 28573A
Matrix (soil/water): SOIL_ Lab Sample ID: 28573.03
Level (low/med): LOW__ Date Received: 02/20/97
% Solids: _92.3

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	6.5			P
7440-43-9	Cadmium	0.14	B		P
7440-47-3	Chromium	5.1			P
7439-92-1	Lead	2.6			P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	0.24	U	N	P
7440-22-4	Silver	0.18	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID_=_23B107

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
57304

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 28573 SAS No.: _____ SDG No.: 28573A
Matrix (soil/water): SOIL_ Lab Sample ID: 28573.04
Level (low/med): LOW__ Date Received: 02/20/97
% Solids: _93.3

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	11.7			P
7440-43-9	Cadmium	0.14	B		P
7440-47-3	Chromium	6.6			P
7439-92-1	Lead	3.7			P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	1.2	U	W	P
7440-22-4	Silver	0.18	U		P

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID_=_23B108_____

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

57305

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____ SDG No.: 28573A
Lab Code: SWOK__ Case No.: 28573 SAS No.: _____
Matrix (soil/water): SOIL_ Lab Sample ID: 28573.05
Level (low/med): LOW__ Date Received: 02/20/97
% Solids: _92.5

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	10.9			P
7440-43-9	Cadmium	0.17	B		P
7440-47-3	Chromium	4.9			P
7439-92-1	Lead	5.2			P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	1.2	U		F
7440-22-4	Silver	0.18	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID_=_23B109

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

57306

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 28573 SAS No.: _____ SDG No.: 28573A
Matrix (soil/water): SOIL_ Lab Sample ID: 28573.06
Level (low/med): LOW__ Date Received: 02/20/97
% Solids: _83.8

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	14.6			P
7440-43-9	Cadmium	0.13	B		P
7440-47-3	Chromium	6.0			P
7439-92-1	Lead	4.0			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U		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_=_23B110

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

57307

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 28573 SAS No.: _____ SDG No.: 28573A
Matrix (soil/water): SOIL_ Lab Sample ID: 28573.07
Level (low/med): LOW__ Date Received: 02/20/97
% Solids: _86.0

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	8.7			P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	6.4			P
7439-92-1	Lead	4.0			P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	1.3	U		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_=_23B111

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

57308

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 28573 SAS No.: _____ SDG No.: 28573A
Matrix (soil/water): SOIL_ Lab Sample ID: 28573.08
Level (low/med): LOW__ Date Received: 02/20/97
% 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	3.7			P
7440-43-9	Cadmium	0.10	B		P
7440-47-3	Chromium	4.1			P
7439-92-1	Lead	1.2			P
7439-97-6	Mercury	0.03	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: _____ Artifacts: _____

Comments:
CLIENT_ID_=_23B112

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

57309

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28573 SAS No.: SDG No.: 28573A

Matrix (soil/water): SOIL Lab Sample ID: 28573.09

Level (low/med): LOW Date Received: 02/20/97

% Solids: 92.1

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	5.0			P
7440-43-9	Cadmium	0.13	B		P
7440-47-3	Chromium	4.8			P
7439-92-1	Lead	2.2			P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	1.2	U		F
7440-22-4	Silver	0.18	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID_=_23B113

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

57310

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 28573 SAS No.: _____ SDG No.: 28573A
Matrix (soil/water): SOIL_ Lab Sample ID: 28573.10
Level (low/med): LOW__ Date Received: 02/20/97
% Solids: _93.2

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	6.0			P
7440-43-9	Cadmium	0.13	B		P
7440-47-3	Chromium	12.4			P
7439-92-1	Lead	2.6			P
7439-97-6	Mercury	0.03	U		AV
7782-49-2	Selenium	1.2	U		F
7440-22-4	Silver	0.18	U		P

Color Before: GREY_____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID_=_23B114

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

S7317

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: 28573 SAS No.: SDG No.: 28573A

Matrix (soil/water): SOIL Lab Sample ID: 28573.17

Level (low/med): LOW Date Received: 02/20/97

% 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	6.3			P
7440-39-3	Barium	100			P
7440-43-9	Cadmium	0.23	B		P
7440-47-3	Chromium	16.1			P
7439-92-1	Lead	11.4			P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	1.3	U	W	P
7440-22-4	Silver	0.20	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: Artifacts:

Comments:

CLIENT_ID = PHSB221

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

25619

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 28256 SAS No.: SDG No.: 28256B
Matrix (soil/water): WATER Lab Sample ID: 28256.19
Level (low/med): LOW Date Received: 01/23/97
% 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	0.30	U		P
7440-43-9	Cadmium	0.50	U		P
7440-47-3	Chromium	1.5	B		P
7439-92-1	Lead	1.7	U		P
7439-97-6	Mercury	0.10	U		AV
7782-49-2	Selenium	2.0	U	N	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_=_ER032

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

55515

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC

Lab Code: SWOK Case No.: SAS No.: SDG No.: 28555B

Matrix (soil/water): WATER Lab Sample ID: 28555.15

Level (low/med): LOW Date Received: 02/19/97

% 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	0.30	U		P
7440-43-9	Cadmium	0.30	U		P
7440-47-3	Chromium	1.0	U		P
7439-92-1	Lead	0.90	U		P
7439-97-6	Mercury	0.10	U		AV
7782-49-2	Selenium	2.2	U		F
7440-22-4	Silver	1.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

CLIENT_ID_=_ER051

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

57312

Lab Name: SOUTHWEST_LAB_OF_OK_____ Contract: SAIC_____
Lab Code: SWOK__ Case No.: 28573 SAS No.: _____ SDG No.: 28573B
Matrix (soil/water): WATER Lab Sample ID: 28573.12
Level (low/med): LOW__ Date Received: 02/20/97
% 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___	0.30	U		P_
7440-43-9	Cadmium__	0.30	U		P_
7440-47-3	Chromium_	1.0	U		P_
7439-92-1	Lead_____	0.90	U		P_
7439-97-6	Mercury__	0.12	U		AV
7782-49-2	Selenium_	2.2	U		F_
7440-22-4	Silver___	1.0	U		P_

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____
Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:
CLIENT_ID_=_ER053

SECOND ROUND SAMPLING RESULTS

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB115

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: 31138.01

Sample wt/vol: 5.0 g/mL) G Lab File ID: UL2734.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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB115

) Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2734.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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB116

b Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.02

Sample wt/vol: 5.0 g/mL) G Lab File ID: UL2710.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	14	B
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	2	JB
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	6	
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.

23SB116

) Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2710.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.

23SB117

Lab Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWCK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2735.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.

23SB117

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: 31138.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2735.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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB118

Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2712.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	8	B
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.

23SB118

Name: SWL-TULSA Contract: FT HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: UL2712.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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB115

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: 31138.01

Sample wt/vol: 30.8 (g/mL) G Lab File ID: T23652.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: 10/11/97

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	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	110	J
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.

23SB115

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: 31138.01

Sample wt/vol: 30.8 (g/mL) G Lab File ID: T23652.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: 10/11/97

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	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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB115

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: 31138.01

Sample wt/vol: 30.8 (g/mL) G Lab File ID: T23652.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: 10/11/97

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	350	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB116

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: 31138.02

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23653.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: 7.4 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	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.

23SB116

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: 31138.02

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23653.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: 7.4 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	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	45	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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB116

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: 31138.02

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23653.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: 7.4 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.

23SB117

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: 31138.03

Sample wt/vol: 30.9 (g/mL) G Lab File ID: T23654.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: 10/11/97

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	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.

23SB117

b Name: SWL-TULSA Contract: FT. HOOD

Lab Code: SWOK Case No.: SAIC SAS No.: SDG No.: 31138

Matrix: (soil/water) SOIL Lab Sample ID: 31138.03

Sample wt/vol: 30.9 (g/mL) G Lab File ID: T23654.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: 10/11/97

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	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	47	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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB117

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: 31138.03

Sample wt/vol: 30.9 (g/mL) G Lab File ID: T23654.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: 10/11/97

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	350	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB118

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: 31138.04

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23661.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: 7.7 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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB118

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: 31138.04

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23661.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: 7.7 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	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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB118

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: 31138.04

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23661.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: 7.7 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.

23SB118RE

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: 31138.04RA

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23687.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: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.7 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

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

23SB118RE

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: 31138.04RA

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23687.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: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.7 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	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	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.

23SB118RE

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: 31138.04RA

Sample wt/vol: 30.2 (g/mL) G Lab File ID: T23687.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: 10/13/97

Concentrated Extract Volume: 1000(uL)

GPC Cleanup: (Y/N) N pH: 7.7 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

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID: 23SB115

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: 31138.01
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	6.9			P
7440-39-3	Barium	96.4			P
7440-43-9	Cadmium	0.21	B		P
7440-47-3	Chromium	13.3			P
7439-92-1	Lead	12.7		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.24	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

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID

23SB116

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: 31138.02
Level (low/med): LOW Date Received: 09/23/97
% Solids: 93.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.7			P
7440-39-3	Barium	98.5			P
7440-43-9	Cadmium	0.37	B		P
7440-47-3	Chromium	19.1			P
7439-92-1	Lead	18.8		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.23	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

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID: 23SB117

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A
Matrix (soil/water): SOIL
Level (low/med): LOW
% Solids: 92.4
Lab Sample ID: 31138.03
Date Received: 09/23/97

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	75.2			P
7440-43-9	Cadmium	0.17	B		P
7440-47-3	Chromium	14.3			P
7439-92-1	Lead	12.3		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.23	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

1

INORGANIC ANALYSES DATA SHEET

CLIENT SAMPLE ID: 23SB118

Lab Name: SOUTHWEST_LAB_OF_OK Contract: SAIC
Lab Code: SWOK Case No.: 31138 SAS No.: SDG No.: 31138A
Matrix (soil/water): SOIL
Level (low/med): LOW
% Solids: 93.6
Lab Sample ID: 31138.04
Date Received: 09/23/97

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.9			P
7440-39-3	Barium	52.0			P
7440-43-9	Cadmium	0.28	B		P
7440-47-3	Chromium	9.9			P
7439-92-1	Lead	5.9		E	P
7439-97-6	Mercury	0.04	U		AV
7782-49-2	Selenium	0.24	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

APPENDIX C

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	0.38	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	1350	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-SB10812-11-96/0.0-1.0 (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	16.6	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)
Matrix: Soil
Sample Depth: 22.0-22.5 FT
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: FH000-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	0.06	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	0.36	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	0.15	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	0.36	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	0.15	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	0.45	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	36.1	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	0.38	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-SB13112-13-96/20.0-21.0 (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-SB13212-13-96/25.0-26.0 (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-SB13312-13-96/30.0-31.0 (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	0.39	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-SB13412-13-96/34.0-34.5 (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	0.36	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-SB20412-13-96/4.0-6.0 (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 D

Fort Hood RFI Background Soil Boring Logs

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Fort Worth District
Fort Worth, Texas

Boring FHBKG-SB101

(Page 1 of 1)

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				CLAY; weathered limestone fragments; damp; soft; moderately plastic; 10YR5/4 yellowish brown.	
2	886	CL				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				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	CH				
8	880					
9	879					
10	878				Same as above; dry.	
11	877				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	CL				
14	874					
15	873				LIMESTONE, weathered; dry; blue-gray.	Description from soil cuttings.
16	872					
17	871	LS				
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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Fort Worth, Texas

Boring FHBKG-SB102

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.

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Fort Hood, Texas

U. S. Army Corp of Engineers
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Fort Worth, Texas

Boring FHBKG-SB103

(Page 1 of 1)

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					
3	792				Same as above; no pebbles; dry.	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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Fort Worth, Texas

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

(Page 1 of 1)

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					
24	-24				Blue-gray weathered limestone; dry; hard drilling to 24.0'.	Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
25		LS			Bottom of Boring at 24.0' bgs.	

02-23-1999 C:\fthood\fhbkg\SB105 BOR

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Fort Hood, Texas

U. S. Army Corp of Engineers
Fort Worth District
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Boring FHBKG-SB106

(Page 1 of 1)

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						

02-23-1999 C:\fthood\fhbkg\SB106.BOR

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U. S. Army Corp of Engineers
Fort Worth District
Fort Worth, Texas

Boring FHBKG-SB107

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.
6	-6				Same as above	Sample BKSB126 collected 5.5-6.0' bgs.
7	-7				Bottom of Boring at 6.0' bgs.	
8	-8					Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
9	-9					
10						

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Fort Hood, Texas

U. S. Army Corp of Engineers
Fort Worth District
Fort Worth, Texas

Boring FHBKG-SB108

(Page 1 of 1)

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				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	CL				
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.	Sample BKSB138 collected 14.0-14.5' bgs.
15	-15				Same as above; dry.	
16	-16	LS			LIMESTONE, weathered; blue-gray.	
17	-17				Same as above; dry.	Sample BKSB139 collected 16.5-17.0' bgs.
18	-18				Bottom of Boring at 17.0' bgs.	Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.
19	-19					
20						

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RCRA
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Fort Hood, Texas

U. S. Army Corp of Engineers
Fort Worth District
Fort Worth, Texas

Boring FHBKG-SB109

(Page 1 of 1)

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						
2	729				Same as above; damp.	
3	728					
4	727				Same as above; damp.	Description from soil cuttings.
5	726					Sample BKSB141 collected 4.0-5.0' bgs.
6	725					
7	724				Silty CLAY; trace weathered limestone fragments; dry; stiff; non-plastic; 7.5YR6/4 light brown.	
8	723				Some sand, fine, from 8-9' bgs.	Description from soil cuttings.
9	722				Same as above; dry.	
10	721					Sample BKSB142 collected 9.0-10.0' bgs.
11	720				Same as above except rock fragments (mostly weathered limestone) up to 20% of total matrix.	
12	719					
13	718				Same as above; dry.	Description from soil cuttings.
14	717					
15	716	CL			Same as above; with limestone fragments up to 40%; also 10% fine sand; dry.	Sample BKSB143 collected 14.5-15.0' bgs.
16	715					
17	714				Same as above; dry.	Description from soil cuttings.
18	713					
19	712				Same as above; dry.	Sample BKSB144 collected 19.0-19.3' bgs.
20	711					
21	710					Description from soil cuttings.
22	709				Same as above; dry.	
23	708					
24	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'
25	706	GP			Bottom of boring at 24.0' bgs. GRAVEL,angular;saturated	Soil colors from Munsell Soil Color Chart, 1992 Revised Edition.

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RCRA
Facilities
Investigation
Fort Hood, Texas

U. S. Army Corp of Engineers
Fort Worth District
Fort Worth, Texas

Boring FHBKG-SB110

(Page 1 of 1)

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 E

Statistical Calculations

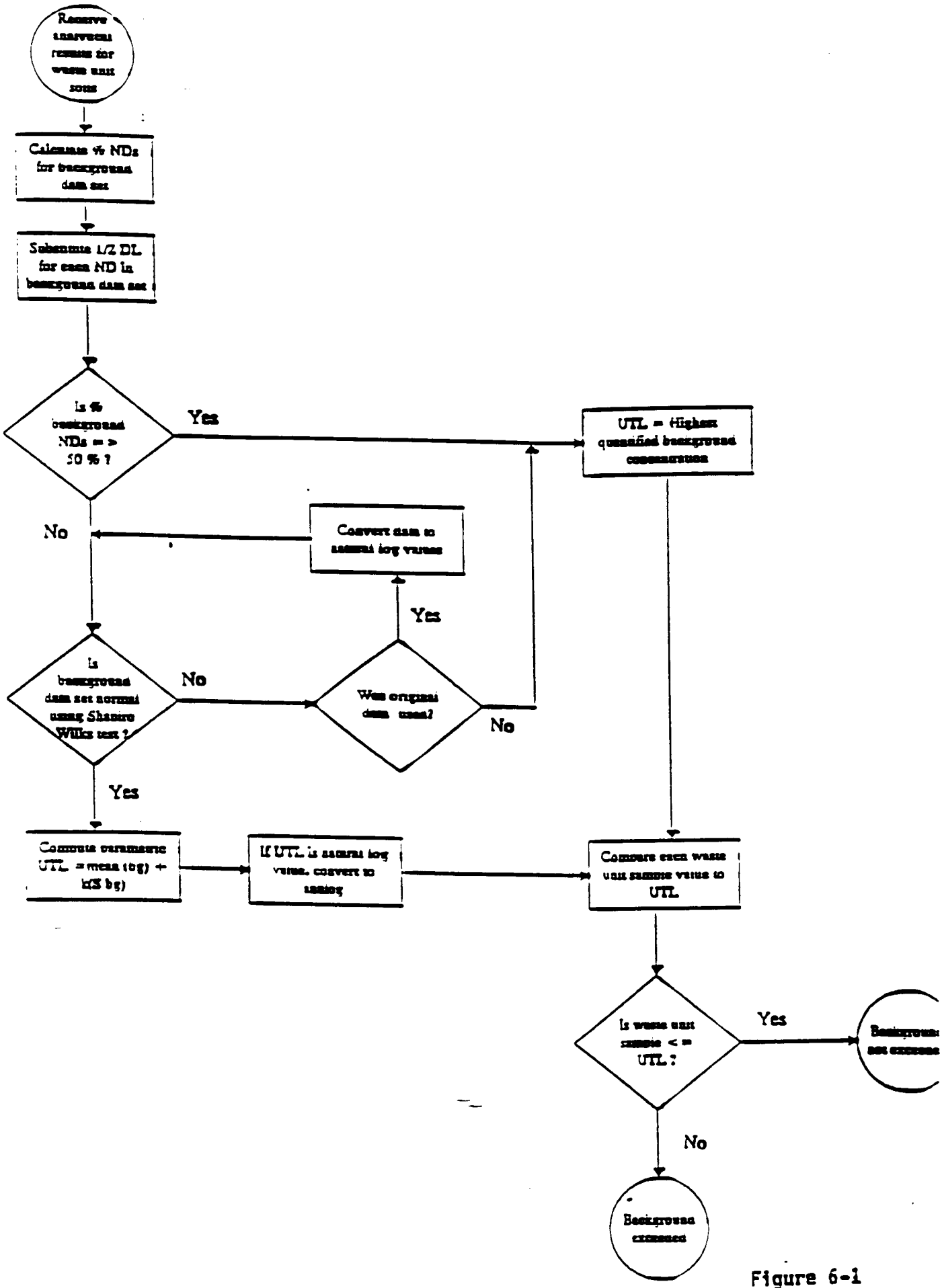
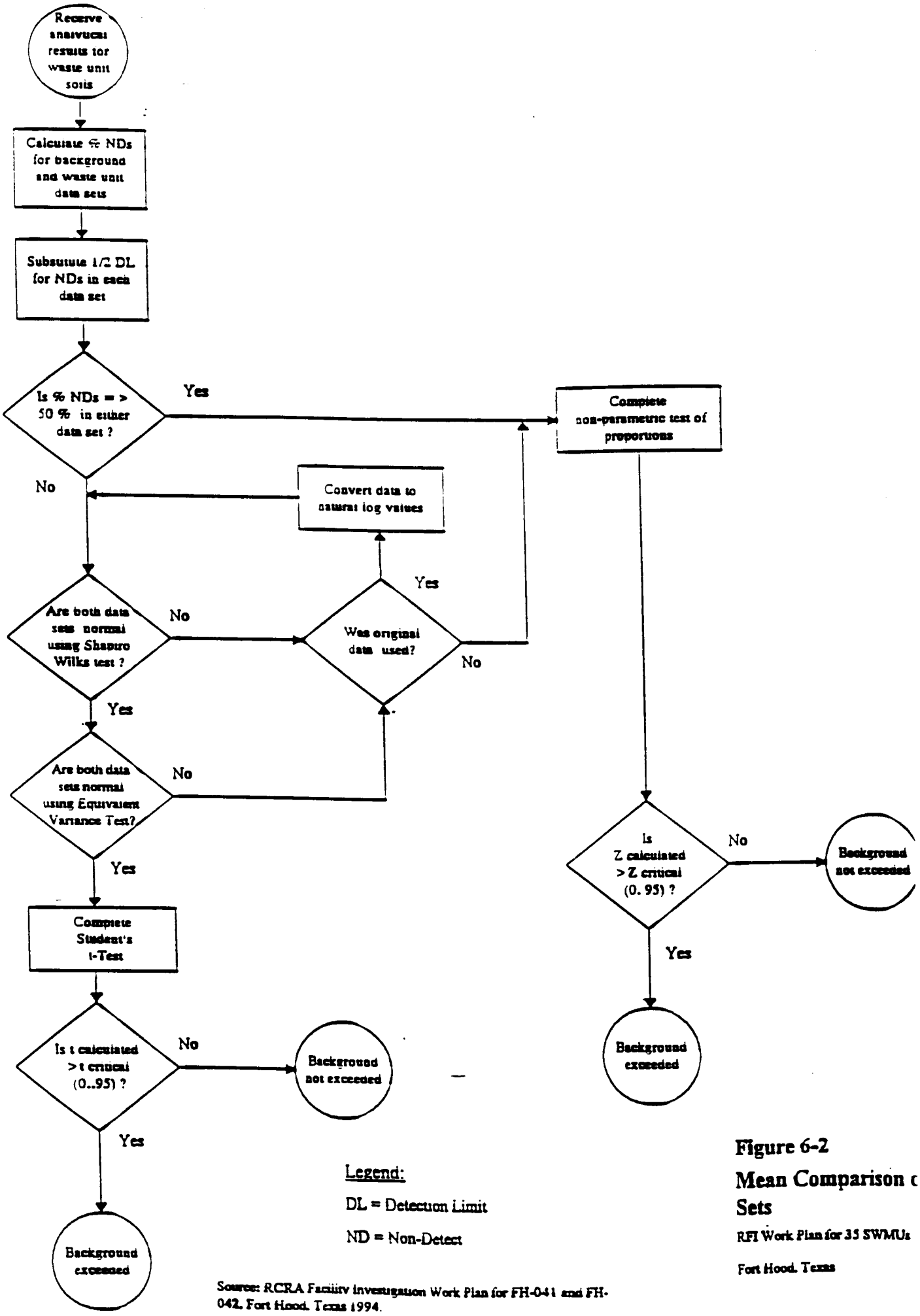


Figure 6-1
95% Upper Tolerance
RFI Work Plan for 35
Fort Hood, Texas



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 c Sets

RFI Work Plan for 35 SWMUs

Fort Hood, Texas

95% UTLs

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 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						

Shapiro Wilk for Lead

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						

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						

APPENDIX F

FH-023 Screening Results

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-023 Samples

Location	Sample ID	Depth	Parameter	Result	PQL	Units	Screening Criteria	Screening Value	Units
SB101	23SB105	0.0-2.0	Arsenic	6.8	0.38	mg/kg	Soil Background	9.2	mg/kg
			Barium	106	0.07	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.28	0.06	mg/kg	Soil Background	0.67	mg/kg
			Chromium	17.6	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	10.6	0.22	mg/kg	Soil Background	19	mg/kg
	23SB106	9.0-10.0	Arsenic	2.3	0.33	mg/kg	Soil Background	9.2	mg/kg
			Barium	5.5	0.06	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.11	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5.5	0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.6	0.19	mg/kg	Soil Background	19	mg/kg
	23SB107	10.0-15.0	Arsenic	2.8	0.34	mg/kg	Soil Background	9.2	mg/kg
			Barium	6.5	0.07	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.14	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5.1	0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.6	0.2	mg/kg	Soil Background	19	mg/kg
	23SB108	15.0-20.0	Arsenic	5.1	0.33	mg/kg	Soil Background	9.2	mg/kg
			Barium	11.7	0.06	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.14	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.6	0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	3.7	0.19	mg/kg	Soil Background	19	mg/kg
			Methylene Chloride	0.011	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
	23SB109	20.0-25.0	Arsenic	4.2	0.34	mg/kg	Soil Background	9.2	mg/kg
			Barium	10.9	0.06	mg/kg	Soil Background	157.3	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-023 Samples

Location	Sample ID	Depth	Parameter	Result	PQL	Units	Screening Criteria	Screening Value	Units
SB101	23SB109	20.0-25.0	Cadmium	0.17	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	4.9	0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	5.2	0.19	mg/kg	Soil Background	19	mg/kg
			Methylene Chloride	0.008	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
SB102	23SB110	0.0-2.0	Arsenic	4.2	0.37	mg/kg	Soil Background	9.2	mg/kg
			Barium	14.6	0.07	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.13	0.06	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6	0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	4	0.21	mg/kg	Soil Background	19	mg/kg
	23SB111	2.0-5.0	Arsenic	4.4	0.36	mg/kg	Soil Background	9.2	mg/kg
			Barium	8.7	0.07	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.11	0.06	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.4	0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	4	0.21	mg/kg	Soil Background	19	mg/kg
			Methylene Chloride	0.009	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
	23SB112	5.0-10.0	Arsenic	2	0.34	mg/kg	Soil Background	9.2	mg/kg
			Barium	3.7	0.07	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.1	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	4.1	0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.2	0.2	mg/kg	Soil Background	19	mg/kg
	23SB113	10.0-15.0	Arsenic	3.9	0.34	mg/kg	Soil Background	9.2	mg/kg
			Barium	5	0.07	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.13	0.05	mg/kg	Soil Background	0.67	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-023 Samples

Location	Sample ID	Depth	Parameter	Result	PQL	Units	Screening Criteria	Screening Value	Units
SB102	23SB113	10.0-15.0	Chromium	4.8	0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.2	0.2	mg/kg	Soil Background	19	mg/kg
			Methylene Chloride	0.007	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	0.5	mg/kg
	23SB114	15.0-20.0	Arsenic	4.6	0.33	mg/kg	Soil Background	9.2	mg/kg
			Barium	6	0.06	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.13	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	12.4	0.08	mg/kg	Soil Background	24.9	mg/kg
			Lead	2.6	0.19	mg/kg	Soil Background	19	mg/kg
			2-Butanone	0.038	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
SB103	23SB101	0.0-0.5	Arsenic	6.3	0.41	mg/kg	Soil Background	9.2	mg/kg
			Barium	104	0.1	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.28	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	18.1	0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	11.5 J	0.18	mg/kg	Soil Background	19	mg/kg
			2-Butanone	0.018	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
	23SB102	3.0-4.0	Arsenic	3.5	0.36	mg/kg	Soil Background	9.2	mg/kg
			Barium	5.4	0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.06	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	5.8	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	2 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
			Toluene	0.015	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	100	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-023 Samples

Location	Sample ID	Depth	Parameter	Result	PQL	Units	Screening Criteria	Screening Value	Units
SB104	23SB103	0.0-1.0	Arsenic	4.6	0.4	mg/kg	Soil Background	9.2	mg/kg
			Barium	32.5	0.1	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.12	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	8.7	0.1	mg/kg	Soil Background	24.9	mg/kg
			Lead	5 J	0.17	mg/kg	Soil Background	19	mg/kg
			Selenium	0.39 J	0.34	mg/kg	Soil Background	0.44	mg/kg
			2-Butanone	0.016	0.006	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
	23SB104	3.0-4.0	Arsenic	1.8	0.35	mg/kg	Soil Background	9.2	mg/kg
			Barium	3.6	0.09	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.08	0.04	mg/kg	Soil Background	0.67	mg/kg
			Chromium	6.3	0.09	mg/kg	Soil Background	24.9	mg/kg
			Lead	1.5 J	0.15	mg/kg	Soil Background	19	mg/kg
			2-Butanone	0.13	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	511	mg/kg
			Naphthalene	0.008	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	409	mg/kg
			Toluene	0.034	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	100	mg/kg
SB105	23SB118	0.0-0.9	Arsenic	4.9	0.33	mg/kg	Soil Background	9.2	mg/kg
			Barium	52	0.064	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.28	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	9.9	0.075	mg/kg	Soil Background	24.9	mg/kg
			Lead	5.9 J	0.19	mg/kg	Soil Background	19	mg/kg
SB106	23SB115	0.0-0.6	Arsenic	6.8	0.33	mg/kg	Soil Background	9.2	mg/kg
			Barium	96.4	0.065	mg/kg	Soil Background	157.3	mg/kg

Summary of Detected Analytical Results, Detection Limits and Screening Criteria for FH-023 Samples

Location	Sample ID	Depth	Parameter	Result	PQL	Units	Screening Criteria	Screening Value	Units
SB106	23SB115	0.0-0.6	Cadmium	0.21	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	13.3	0.075	mg/kg	Soil Background	24.9	mg/kg
			Lead	12.7 J	0.19	mg/kg	Soil Background	19	mg/kg
SB107	23SB117	0.0-0.8	Arsenic	7.2	0.33	mg/kg	Soil Background	9.2	mg/kg
			Barium	75.2	0.064	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.17	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	14.3	0.075	mg/kg	Soil Background	24.9	mg/kg
			Lead	12.3 J	0.19	mg/kg	Soil Background	19	mg/kg
SB108	23SB116	0.0-0.7	Arsenic	7.7	0.33	mg/kg	Soil Background	9.2	mg/kg
			Barium	98.5	0.064	mg/kg	Soil Background	157.3	mg/kg
			Cadmium	0.37	0.05	mg/kg	Soil Background	0.67	mg/kg
			Chromium	19.1	0.075	mg/kg	Soil Background	24.9	mg/kg
			Lead	18.8 J	0.19	mg/kg	Soil Background	19	mg/kg
			Toluene	0.006	0.005	mg/kg	30 TAC 335 Industrial Soil GWP	100	mg/kg