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DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 49TH FIGHTER WING (ACC)  
HOLLOMAN AIR FORCE BASE, NEW MEXICO

11 JAN 2001

MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT

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FROM: 49 CES/CEV  
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SUBJECT: Final Phase II Remedial Investigation (RI) Report for SS-61

1. Enclosed is the Final Phase II Remedial Investigation (RI) Report for SS-61. This site is being investigated under the Environmental Restoration Program (ERP).
2. If you have any questions, please contact Mr. Court Fesmire or Mr. Jose Gallegos at (505) 572-5395.

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Enclosure  
Report for SS-61

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*Final  
Phase II Remedial Investigation Report  
for SS-61—Spill Site 61*

*Holloman Air Force Base,  
New Mexico*

*December 2000*

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*49 CES/CEV  
Holloman Air Force Base,  
New Mexico*

*Project Number: KWRD20007002*



**PHASE II REMEDIAL INVESTIGATION REPORT  
FOR SS-61—SPILL SITE 61**

**HOLLOMAN AIR FORCE BASE, NEW MEXICO**

Prepared for:

49 CES/CEV  
Holloman Air Force Base, NM  
and  
HQ ACC/CEV  
Langley Air Force Base, VA



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## LIST OF ACRONYMS

$\mu\text{g}$	micrograms
$\mu\text{g}/\text{kg}$	micrograms per kilogram
$\mu\text{g}/\text{L}$	micrograms per liter
1,2-DCA	1,2-dichloroethane
AFB	Air Force Base
ARAR	applicable or relevant and appropriate requirement
AST	aboveground storage tank
$\text{atm}\cdot\text{m}^3/\text{mol}$	atmosphere-cubic meter per mole
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COPC	chemical of potential concern
COPEC	chemical of potential ecological concern
DPT	direct push technology
EMI	electromagnetic induction
EPA	United States Environmental Protection Agency
ERP	Environmental Restoration Program
ESA	ecological sloping assessment
Foster Wheeler	Foster Wheeler Environmental Corporation
ft	foot/feet
GPS	global positioning system
HHRA	human health risk assessment
IRP	Installation Restoration Program
$K_H$	Henry's Law Constant
$K_{oc}$	organic carbon partition coefficient
$K_{ow}$	octanol-water partition coefficient
LNAPL	light nonaqueous phase liquid
$\text{mg}/\text{kg}$	milligrams per kilogram
$\text{mg}/\text{L}$	milligrams per liter
mm Hg	millimeters of mercury

**LIST OF ACRONYMS (Concluded)**

msl	mean sea level
MW	monitoring well
NCP	National Contingency Plan
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
PID	photoionization detector
POL	petroleum, oil, and lubricants
PVC	polyvinyl chloride
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RI	remedial investigation
SI	site investigation
SLERA	screening level ecological risk assessment
SS-61	Spill Site 61
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TCE	trichloroethene
TDS	total dissolved solids
TERC	Total Environmental Restoration Contract
TNT	2,4,6-trinitrotoluene
TPH	total petroleum hydrocarbons
TRPH	total recoverable petroleum hydrocarbons
USACE	United States Army Corps of Engineers
UST	underground storage tank
VOC	volatile organic compound
WQCC	New Mexico Water Quality Control Commission

## EXECUTIVE SUMMARY

A Phase II remedial investigation (RI) was conducted at Spill Site 61 (SS-61) at Holloman Air Force Base (AFB), near Alamogordo, New Mexico. The Phase II RI was conducted as part of the Installation Restoration Program (IRP) at the Base. The results of the Phase I and Phase II RIs supported characterization of the northern and southern portions of SS-61, respectively. The northern part of SS-61, investigated during the Phase I RI in 1999, once included two above-ground storage tanks (ASTs), underground piping, and an apparent fuel dispensing area on the north side of DeZonia Drive where a concrete pad and piping remain. The area investigated during the Phase II RI is the southern portion of the site, which includes two aircraft hangars, additional contaminant sources that were suspected based on the results of the Phase I RI.

The Phase II RI field investigation was performed March through June 2000. The Phase II RI was conducted to locate the source and assess the extent of potential upgradient contamination in soil and groundwater south of the area investigated during the Phase I RI. Soil and groundwater samples were analyzed for petroleum hydrocarbons and volatile organic compounds (VOCs). Prior to the RI, contamination was detected in the upgradient monitoring well at Solid Waste Management Unit (SWMU) 104. Since the source of the upgradient contamination was expected to be to the southeast of the well and to the east of Building 1001, Area of Concern-1001 (AOC-1001) was identified. Phase I and Phase II Resource Conservation and Recovery Act Facility Investigations (RFIs) were conducted at AOC-1001 during 1996 and 1997. During the RFI at AOC-1001, soil vapor, soil, and groundwater sampling was conducted across an area of groundwater contamination to the east and southeast of SWMU 104. As a result of the RFI, SS-61 was designated an IRP site and therefore required further investigation.

VOCs were detected in soil and groundwater during the Phase I RI. Most of the detections in soil occurred immediately above the water table, indicating contaminant migration in groundwater rather than vadose zone contamination. Soil contamination was also detected above the water table in a borehole drilled to the northwest of the concrete pad. Groundwater contaminants included high levels of benzene, toluene, ethylbenzene, and total xylenes (BTEX) in the vicinity of the concrete pad. Lower levels of BTEX and solvents were detected south of DeZonia Drive in the vicinity of the two hangars (Buildings 1079 and 1080).

During the Phase II RI, detailed mapping of the site and geophysical data collection were conducted south of DeZonia Drive to identify potential sources of the upgradient groundwater contamination. These activities located the underground piping south of DeZonia Drive that was also identified during the Phase I RI. Phase II RI soil and groundwater samples were collected in the following areas to confirm potential contaminant sources:

- In the vicinity of the two hangars, Buildings 1079 and 1080
- In outlying areas of the two hangars to determine extent of groundwater contamination
- In an area southeast of Building 1080 where suspected fuel spills occurred during past operations
- In a stormwater overflow basin north of Building 1079, directly south of the concrete pad

Groundwater samples collected during the Phase I RI confirmed that past releases in the vicinity of the concrete pad account for the elevated concentrations of groundwater contaminants in a plume that extends to the north toward SWMU 104. However, soil sampling showed that currently no source of groundwater contamination exists above the water table in this area. Groundwater sampling conducted during the Phase II RI south of DeZonia Drive indicates the presence of cross-gradient and upgradient groundwater contamination attributable to multiple sources in the vicinity of Building 1079. As in the northern part of the site, there is no current source of groundwater contamination above the water table in the southern area of SS-61.

The contaminants detected in the Phase I and Phase II RIs were compared to New Mexico Environment Department (NMED) approved soil action levels for petroleum hydrocarbons and benzene at Holloman AFB. The action levels for petroleum hydrocarbon and benzene concentrations in soil are 1,000 milligrams per kilogram (mg/kg) and 25 mg/kg, respectively. In the Tularosa Basin, where Holloman AFB is located, groundwater is nonpotable because it contains naturally high levels of dissolved solids; therefore, water quality concentration-based action levels do not apply to areas of historic releases at the Base. However, remediation is required if free-phase product is present on the water table. Petroleum hydrocarbon soil sample concentrations detected in the northern and southern portions of the site were below the 1,000

mg/kg action level. No existing sources of groundwater contamination were identified and no floating product was observed at the water table at any of the groundwater sampling locations. Benzene and other VOCs were also evaluated as part of the human health and screening-level ecological risk assessments.

Based on the comparison of maximum detected contaminant concentrations to NMED-approved action levels, along with the results of the risk assessments conducted during both phases of the RI, no further action is recommended at SS-61. No significant risk to human health or ecological receptors was found in the northern and southern portions of the site. In addition, no existing sources of contamination were identified in soil that would cause release of contamination or further degradation of groundwater. Therefore, no action is needed to protect human health or the environment at SS-61.

## 1.0 INTRODUCTION

This report presents the results of the Foster Wheeler Environmental Corporation (Foster Wheeler) Phase II Remedial Investigation (RI) of Spill Site 61 (SS-61) at Holloman Air Force Base (AFB), New Mexico (Figure 1-1). The purpose of the RI, was to determine the source, nature, and extent of contamination observed during the Phase I RI and previous investigations in the vicinity of SS-61. The RI was conducted under the Department of Defense Installation Restoration Program (IRP) in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the National Contingency Plan (NCP).

Contamination was first detected during the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) that was conducted at nearby Solid Waste Management Unit (SWMU) 104, the Former Army Landfill. The RFI was prepared for SWMU 104 under the RCRA Corrective Action Program requirements of the Holloman AFB RCRA Part B Permit for a Hazardous Waste Facility (Radian, 1995). This SWMU is also known as IRP Site LF-29. The RI was performed for the U.S. Army Corps of Engineers (USACE), Omaha District, under Total Environmental Restoration Contract (TERC) Number DACW-45-94-D0003 and under the oversight of the New Mexico Environment Department (NMED) and Region VI of the U. S. Environmental Protection Agency (EPA). The RI field activities were conducted in accordance with an addendum (Foster Wheeler, 2000) to previously prepared work plans (Foster Wheeler, 1999a; Foster Wheeler and Groundwater Technology Government Services Incorporated [GTI], 1996, 1997a), as described in Section 2.0.

SS-61 includes potentially contaminated soil and groundwater in an industrial area north of two aircraft hangars at Holloman AFB (Figure 1-2). As investigated during the Phase I RI, the northern portion of SS-61 includes a concrete pad believed to have been used for fuel dispensing. Underground piping once connected this pad to one or both of two aboveground storage tanks (ASTs) that have been removed. Previous investigations, as described in Section 1.3 of this report, indicated that fuel was released to soil and groundwater in this area. This portion of SS-61 also includes a debris pile adjacent to the concrete pad.

The area investigated during the Phase II RI is the southern portion of the site where there are two aircraft hangars and additional contaminant sources were suspected based on the results of the Phase I RI. A detailed description of the site is provided in Section 1.2. Information on the

southern portion of SS-61 is limited because this part of the site has been used by the U.S. Army for aircraft maintenance and storage for the White Sands Missile Range. Despite the lack of detailed information about the operations, the Phase II RI was designed to provide sufficient data to adequately characterize the source, nature, and extent of contamination in this area. The Phase II RI consisted of:

- Conducting personal interviews
- Searching records available on base
- Mapping site cultural features
- Surveying the area using geophysics to locate the underground piping and other potential sources

Soil and groundwater sampling was conducted throughout the southern area in the suspected source areas and at upgradient and downgradient locations. The Phase II data are combined in this report with the summary information from previous investigations for site characterization.

## 1.1 PURPOSE

The purpose of this report is to present the results of the Phase II RI and previous investigations of SS-61 and the surrounding area. These results were used to complete the following assessments:

- Soil and groundwater sampling results, along with information on site features, were used to assess the nature and extent of contamination in the northern part of the site and to confirm the existence of upgradient sources to the south.
- Fuel constituent concentrations in soil and groundwater were compared to action levels established by the NMED for petroleum-contaminated sites at Holloman AFB (NMED, 1995).
- Concentrations of other site contaminants were compared to human health medium-specific screening levels (HHSLs) developed by EPA Region VI (EPA, 1999).
- A site conceptual model and screening-level risk assessment were provided to document the potential exposure pathways and risks to human and ecological receptors at the site.

The conclusions of the assessments listed above were then used to support recommendations for the closure of this site.

## 1.2 SITE DESCRIPTION AND BACKGROUND

SS-61 is located in the central part of Holloman AFB at the edge of an industrial area (Figure 1-2). The northern part of the site, which was the focus of the Phase I RI, is approximately 300 feet (ft) north of two aircraft hangars. The primary focus of the Phase II RI is the southern part of SS-61, which consists of potentially impacted soil and groundwater in the vicinity of the following two features:

- The two hangars where fuel and waste fluids may have been previously disposed
- The underground piping, which connected one or both of the former ASTs in the northern part of the site that traverses the site from north to south toward the aircraft tarmac

The Phase II RI investigation area is bounded on the north and south by DeZonia Drive and the aircraft tarmac, respectively. The east and west boundaries of the site extend just past the two hangars, Buildings 1079 and 1080. Samples were collected outside of the investigation area to delineate contaminated groundwater potentially migrating from the hangar areas.

Most of the investigated area is relatively flat and paved in asphalt, concrete, or coarse gravel. Sparse vegetation is present along with some brush in areas originally designated as landscaping. The eastern hangar, Building 1080, is the newer of the two structures. Infrequent activity was observed in the area of Building 1080, and there was no indication of external sumps or fuel spills that could have leached to groundwater in the past. The western hangar, Building 1079, is an older structure that dates back to the 1940s as observed in an aerial photograph from 1942 (Appendix C). In the vicinity of Building 1079, an underground concrete sump was observed outside of the northwest entrance of the hangar. Site personnel indicated that they did not dispose of anything in the sump as it currently appears dry and unused. A shallow surface depression, approximately 3 ft deep, is in the parking lot north of Building 1079 and measures approximately 100 x 70 ft. According to base Civil Engineering personnel (St. John, 2000), the area was used as a surface overflow basin used as a stormwater collection basin.

Contamination at SS-61 was first detected during Phase II of the Table 1 RFI of SWMU 104 in 1994 (Foster Wheeler and Radian Corporation [Radian], 1997). This landfill, located north of Building 1001 and northwest of SS-61, was used for disposal of waste munitions. During Phase II of the Table 1 RFI, monitoring well MW-29-05 was installed and sampled upgradient from the landfill. Groundwater contamination detected in MW-29-05 included benzene, 1,2-

dichloroethane (1,2-DCA), 2,4,6-trinitrotoluene (TNT), and 1,3,5-trinitrobenzene. Water levels measured in the SWMU 104 wells indicated a hydraulic gradient for groundwater flow to the north-northwest. Therefore, the source of the contamination was believed to be to the south-southeast of the landfill. Based on these results, a recommendation for No Further Action status was requested for SWMU 104. The area southeast of the landfill was designated Area of Concern (AOC)-1001. An investigation of AOC-1001 was conducted to assess the nature and extent of the groundwater contamination detected in MW-29-05 and to locate the source of this contamination.

Two investigations were conducted at AOC-1001 prior to the RI of SS-61, one in 1996 and one in 1997, to delineate the contamination and locate its source (Foster Wheeler and GTI, 1997b). These investigations detected soil contamination and the highest groundwater contaminant concentrations in the vicinity of the concrete pad. Groundwater samples were collected from 24 direct push technology (DPT) locations and 11 monitoring wells in the vicinity of AOC-1001 and SWMU 104. The resulting data outlined a groundwater contaminant plume extending to the north of the concrete pad area. Groundwater monitoring results suggest that this plume also extends to the east (crossgradient) and south-southeast (upgradient) from the concrete pad.

SS-61 was added as an IRP site upon completion of a CERCLA site investigation (SI) and RFI in 1996 and 1997 (Foster Wheeler and GTI, 1997b). At that time, it was concluded that an additional RI was required to determine the nature and extent of soil and groundwater contamination, develop a site conceptual model, and collect information in support of screening-level human health and ecological risk assessments. Field activities for the RI were conducted from March through April 1999.

The six other SWMUs are located within the vicinity of SS-61 and are listed below:

- SWMU 36—Oil-water separator at Building 1001
- SWMU 37— Oil-water separator at Building 1080
- SWMU 38— Oil-water separator at Building 1080A
- SWMU 126—Waste oil tank at Building 1001
- SWMU 164—Pond at Building 1080

- SWMU 212 (IRP Site SD-28)—Former North Area washrack

These Table 2 and 3 SWMUs are listed in the Base's RCRA Permit and were investigated under during the RFI or the IRP, and are not believed to be the sources of the contamination observed at SS-61. These six SWMUs have been proposed to the NMED for No Further Action status as part of the modification to the Base's RCRA Permit.

### 1.3 SUMMARY OF SITE INVESTIGATIONS

Three separate investigations have taken place at SS-61 prior to the Phase II RI. These three programs include the following investigations and they are discussed in the two subsections below.

- Phase I RFI in 1996 (Foster Wheeler and GTI, 1997b)
- Phase II RFI in 1997 (Foster Wheeler and GTI, 1997b)
- Phase I RI in 1999 (Foster Wheeler, 1999b)

#### 1.3.1 Phase I and Phase II RFI

Following the RFI of SWMU 104, SS-61 was formerly designated AOC-1001, and Phases I and II of an RFI were conducted in 1996 and 1997. The RFI objective was to determine the source and extent of soil and groundwater contamination southeast of SWMU 104. The results of the Phase I and Phase II investigations were presented in the RFI report for AOC-1001 (Foster Wheeler and GTI, 1997b) and are summarized in Section 2.0 of this report.

The scope of the Phase I RFI of AOC-1001 included the following field activities:

- A passive soil vapor survey was conducted that included 49 sample points spread over a grid with 50-ft spacing. The intent of the soil vapor survey was to identify target areas for soil and groundwater collection.
- Based on the results of the soil vapor survey, 10 soil borings were sampled and DPT soil and groundwater samples were collected for chemical analysis.

The Phase II RFI focused on the area south of the bermed areas and east of Building 1001 and SWMU 104. Because benzene and 1,2-DCA were identified in groundwater during the Phase I RFI, the Phase II RFI consisted of:

- Collection of 17 soil and 23 groundwater samples (including field duplicates) followed by analysis using onsite mobile and offsite laboratories

- Installation and sampling of four monitoring wells in critical areas identified through DPT sampling to better define groundwater quality and flow direction
- Installation of four piezometers and measurement of groundwater levels to better characterize groundwater elevation and flow direction across the site

In December 1997, the area previously referred to as AOC-1001 was designated as IRP Site SS-61. At this time, an SI was conducted and it was determined that an RI would be needed to complete the site investigation.

Soil sampling conducted during the SI and the 1996 and 1997 investigations detected benzene, toluene, ethylbenzene, and xylenes (BTEX), as well as 1,2-DCA, tetryl, and TNT. Most detections of these compounds were in samples collected directly above the water table (depths greater than 15 ft below ground surface [bgs]) where groundwater contamination is interpreted to have entered the capillary fringe. Benzene, ethylbenzene, and xylenes were detected in only one sample collected from unsaturated vadose zone soil above the capillary fringe. These detections occurred in a soil sample collected north of the concrete pad at a depth of 11 to 12 ft bgs. Tetryl and TNT were detected in one sample collected west of the AST area at a depth of 15 to 18 ft bgs. Groundwater contaminants included BTEX, 1,2-DCA, and trichloroethene (TCE). The results of these previous investigations indicated possible soil contamination in the area of the concrete pad and a broad groundwater contaminant plume extending to the north from SS-61, as well as crossgradient to the east and possibly upgradient to the south-southeast.

### 1.3.2 Phase I RI

In March and April 1999, the Phase I RI was conducted to complete the characterization of the site and to refine the assessment of the source and extent of soil and groundwater contamination in this area to the southeast of SWMU 104. Contamination was detected in the upgradient well at SWMU 104 in 1994.

The results of the following field activities are summarized in this report (Foster Wheeler, 1999b):

- Collection of soil and groundwater samples at 12 locations using a DPT rig. The sampling locations were distributed:
  - Near the pipeline identified along the east edge of the site near the southern berm and north of Building 1072
  - In the vicinity of the concrete pad

- Near Building 1001
- South of the concrete pad
- Upgradient of SS-61 near the hangars (Buildings 1079 and 1080)
- Collection of surface soil and sediment samples in the vicinity of the concrete pad and within the northern bermed area, as well as at a location where the buried pipeline extends above the ground surface at the former southern AST, to support the evaluation of human health and ecological risk at the site
- Installation and sampling of two monitoring wells southeast of the concrete pad to evaluate water quality upgradient of SS-61
- Sampling of eight existing wells in the area associated with SS-61 and SWMU 104 to help define the source of shallow groundwater contamination in the area
- Excavation of a test pit at the north side of the western concrete vault to determine if a subsurface release has occurred

In March and April 1999, the Phase I RI field sampling was conducted. The objective was conducted to locate the source and assess the extent of fuel contamination in soil and groundwater to the southeast of solid waste management unit (SWMU) 104 (LF-29).

Contamination was detected in the upgradient monitoring well at SWMU 104 in 1994.

Detailed mapping of the site and geophysical data collection were conducted during the Phase I RI to identify potential sources of this groundwater contamination. These activities located the underground piping that connected the former ASTs to the concrete pad. Phase I RI samples were collected at the following locations to confirm the contaminant source:

- In the area of the two former ASTs to the northeast of the site
- Along the pipeline that once connected the former ASTs to a concrete pad in the southwest part of the site
- Under and around the concrete pad where AST-related underground piping emerges
- Near a debris pile that lies to the north of the concrete pad
- In the southeastern portion of the parking area outside Building 1001, where motor vehicle maintenance is conducted
- Upgradient of SS-61 in an area surrounding two hangars

Groundwater samples collected during the RI confirmed that past releases in the vicinity of the concrete pad account for the elevated concentrations of groundwater contaminants in a plume that extends to the north toward SWMU 104. However, soil sampling showed that there is no

continuing source of groundwater contamination above the water table in this area. Groundwater sampling conducted to the south and southeast of the pad indicates that there is also crossgradient and upgradient groundwater contamination attributable to one or more other sources that have not yet been characterized.

All total recoverable petroleum hydrocarbon (TRPH) soil sample concentrations in the northern part of the site were below the 1,000-milligrams per kilograms (mg/kg)-action level. No continuing source of groundwater contamination was indicated by soil sample results and no free product was observed at the water table at any of the groundwater sampling locations. Of the soil samples collected above the capillary fringe zone affected by groundwater contamination, only one contained a benzene concentration above the Holloman AFB screening level of 25 mg/kg. This benzene concentration and other individual soil and groundwater analytes were evaluated in a human-health risk assessment (HHRA) and screening-level ecological risk assessment. The risk assessments concluded that no unacceptable risk is posed to either human or ecological receptors. Therefore, no remediation is required to protect human health and the environment in the northern part of SS-61.

As a result of the Phase I RI, an additional investigation was recommended to the south of the AST system and concrete pad area investigated to date. The Phase II RI was recommended to locate and characterize upgradient sources of the observed groundwater contamination. Groundwater sampling at three locations in the southern part of SS-61 indicated these sources may be located in the vicinity of the hangars, Buildings 1079 and 1080.

#### 1.4 DOCUMENT ORGANIZATION

This report presents information gathered as a result of the 2000 Phase II RI field activities and the previous investigations to support recommendations for SS-61. The remainder of this report is organized into the following sections:

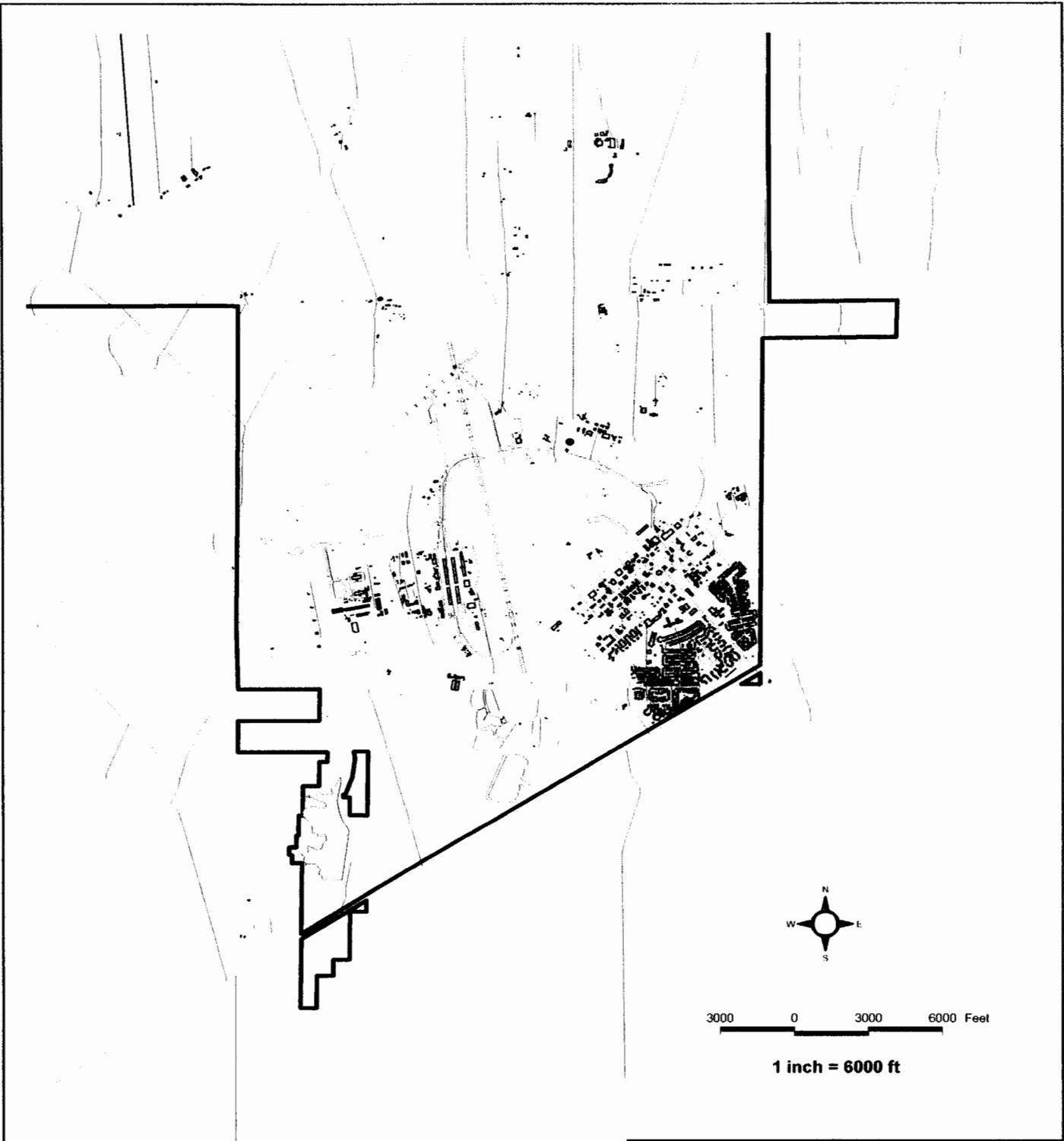
- Section 2.0 — Remedial Investigation Field Program
- Section 3.0 — Physical Setting
- Section 4.0 — Applicable or Relevant and Appropriate Requirements
- Section 5.0 — Nature and Extent of Contamination

- Section 6.0 — Contaminant Fate and Transport
- Section 7.0 — Screening-Level Risk Assessment
- Section 8.0 — Summary and Conclusions
- Section 9.0 — References

Figures and tables are found at the end of each section.

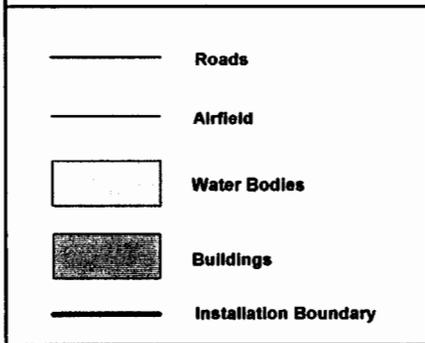
Appendix A provides supporting information necessary to evaluate the chemical analytical data. It is presented in the form of the Data Quality Control Summary Report and accompanying laboratory data. Appendix B presents field borehole logs, well construction diagrams, and well development information. Historical aerial photographs of the site and survey information for the six new monitoring wells are provided in Appendices C and D, respectively. Appendix E provides the checklist for Ecological Assessment/Sampling completed for the ecological scoping assessment (ESA) site visit.





3000 0 3000 6000 Feet

1 inch = 6000 ft



**SS-61 PHASE II RI WORK PLAN**  
**Holloman Air Force Base, New Mexico**  
**U.S. Army Corps of Engineers, Omaha District**

**Figure 1-2**  
**SS-61 Location Map**

 **Foster Wheeler Environmental Corporation**

Revision Date: 12-12-00

## 2.0 REMEDIAL INVESTIGATION FIELD PROGRAM

This section explains the objectives and technical approach of each field activity that was conducted. The results of previous investigations are summarized in Table 2-1 and in Section 5.0 of this report.

The Phase II RI field activities were conducted in the following sequence:

1. Conducted interviews with site personnel familiar with the past operations in and around Buildings 1079 and 1080. Reviewed as-built drawings to identify potential sources such as fuel and solvent storage and supply systems, drains, sewers, and sumps used for waste collection.
2. Conducted geophysical electromagnetic survey immediately north and east of Building 1079 to delineate an extension of the underground pipeline that extends from the former ASTs northeast of Buildings 1079 and 1080.
3. Performed initial DPT soil and groundwater sampling at 10 locations with a 48-hour turnaround time for chemical analytical results. Potential source locations were then selected for characterization.
4. Selected remaining 10 DPT soil and groundwater sampling locations to complete the characterization of areas upgradient and crossgradient of Buildings 1079 and 1080.
5. Installed six groundwater monitoring wells in the vicinity of Buildings 1079 and 1080 and the underground pipeline. Two of the six wells were located upgradient of suspected sources at the hangars.
6. Collected groundwater samples from the 6 new monitoring wells and 10 existing monitoring wells.

With this approach, information obtained from steps 1 and 2 was used to select subsequent sampling locations (steps 3 and 4) to define and isolate the probable source of the groundwater and soil contamination in the area. The investigative steps and related activities are described in more detail in the following sections.

### 2.1 GEOPHYSICAL SURVEY

The objective of the Phase II geophysical investigation at SS-61 was to detect, locate, and map the underground pipeline that extends south from the former ASTs located northeast of the concrete pad at SS-61. The survey focused on the area south of Building 1072. Electromagnetic induction (EMI) was the best-suited geophysical method for this type of characterization, and

therefore, was selected. EMI instruments are sensitive to both ferrous and nonferrous metals and are able to detect a buried 55-gallon drum or a 10-inch pipe to depths approaching 10 ft.

### 2.1.1 Methodology

Lateral changes in ground conductivity can also be detected using EMI techniques. Conductivity contrasts in the earth can be caused by natural phenomena such as lithologic changes or by man-made phenomena such as disturbed ground, buried materials, or contaminants in the soil or groundwater.

EMI instrumentation operates on one of two principles, commonly referred to as time-domain EMI (EM61) or frequency-domain EMI (GEM 3, EM38, and EM31). The time-domain EMI system used during the Phase II RI employs a coil that generates a pulsed (i.e., time-based) primary magnetic field in the earth, which induces eddy currents in conductive media. The decay of these eddy currents produces a secondary magnetic field measured by the same coil. If the secondary field is measured at a relatively long time after the start of the decay, the current induced in the relatively nonconductive ground will fully dissipate, while the current in the conductive media (usually metallic objects) continues to produce a secondary magnetic field. The measured response is reported in units of millivolts.

### 2.1.2 Data Acquisition, Processing, and Interpretation

The geophysical survey area was approximately 400 x 450 ft. The EMI data were collected approximately every 0.5 ft (7 samples per second) along lines spaced 6 ft apart within the survey area. A Geonics EM61 time-domain electromagnetic instrument was used to collect EMI data at the site. Data were acquired using the procedures discussed in the work plan addendum (Foster Wheeler, 2000). Site cultural features were mapped to achieve a more complete understanding of the relationships between the observed site characteristics and the geophysical data. The location of the geophysical survey area is presented in Figure 2-1.

Data files for the survey areas were checked for proper geometry and recording interval with internally developed software in conjunction with Geonics software. Relative x and y location coordinates were assigned to each EMI data point. Data were then formatted for input into the Geosoft application for analysis and interpretation. The objective of the data analysis and

interpretation phase was to characterize the responses from the geophysical data in terms of their most probable sources (i.e., underground storage tank [UST], pipeline, debris trench or pit, etc.).

A color-coded map was generated showing the Channel 2 EMI response (Figure 2-1). Two channels were recorded by the EM61 instrument and both were used for the interpretation. However, for display purposes, the Channel 2 map was sufficient to present the geophysical data. Background values are colored green, and anomalies are colored blue, yellow, red, and pink, depending on the intensity (note color bar on figure). Many of the anomalies are surface features such as manhole covers, monitoring wells, buildings, dumpsters, fences, power/telephone poles, and miscellaneous metal debris.

The target of interest, the underground pipe running south from Building 1072, is denoted on the figure. This pipeline continues south of the survey area under the tarmac and was tracked using the EM61 in audio mode (data not recorded). It appears that the pipe may merge with another pipeline that extends south from the southeast corner of the hangar (Building 1079). This pipeline continues under the tarmac and terminates at a covered (metal) hole in the tarmac several hundred yards south of the hangar.

There are several other pipelines present in the survey area. Almost all of the geophysical anomalies are surface features or underground pipelines with the exception of one, located at approximately 300E 42N. There are three plausible causes for this shallow (less than 2 ft bgs) anomaly: either a reinforced concrete pad (long and narrow, underlying the asphalt), a UST (long and narrow, less than 6 ft by 20 ft), or an east-west trending pipe (with a vertical component). Unfortunately, because the target pipeline trended north-south, the data acquisition lines were oriented east-west and, therefore, the data do not resolve east-west trending features as well as north-south trending features. It is the Foster Wheeler geophysicist's opinion that the anomaly is most likely the piping, and may be attached/related to the target pipe that extends from under Building 1072.

## 2.2 DIRECT PUSH TECHNOLOGY SOIL AND GROUNDWATER SAMPLING

The Phase II RI was intended to define the source of soil and groundwater contamination detected during previous investigations in the vicinity of the two aircraft hangars (Buildings 1079

and 1080). The field investigation focused on the areas surrounding Buildings 1079 and 1080, and the underground pipeline. Based on the results of previous investigations along with the current results of the geophysical survey and personnel interviews, the field investigation focused on DPT collection of subsurface soil and groundwater samples from 20 separate locations. Sections 2.2.1 and 2.2.2 present detailed information on the DPT soil and groundwater sampling, respectively. Table 2-1 presents the location, summary of analytes detected, and field observations for each of the DPT locations sampled during the Phase II RI.

Initially, 10 DPT borings (DP38 through DP47) were drilled at predetermined locations around the perimeters of Buildings 1079 and 1080. Groundwater samples were collected from each of these borings and analyzed within 48 hours. Based on the analytical results along with additional field observations obtained during drilling, the locations of the remaining 10 DPT borings were selected. This approach allowed for a more precise attempt to delineate the source(s) of the groundwater contamination in the vicinity of Buildings 1079 and 1080.

#### 2.2.1 Direct Push Technology Soil Sampling

A total of 32 subsurface soil samples were collected from the 20 DPT boring locations. Soil samples were analyzed offsite for volatile organic compounds (VOCs) using EPA SW-846 Methods 5035/8260B and TRPH using EPA Methods 9071/418.1. Figure 2-2 shows the location of the DPT borings.

Using the DPT drilling rig, subsurface soil cores were collected continuously from the ground surface to the water table at each borehole location. Soil within the core was used for lithologic description and subsequent sample collection. Sampling intervals were selected during drilling, and soil that exhibited odor, staining, or elevated photoionization detector (PID) readings was selected for chemical analysis. Soil samples were collected in 8-oz glass jars and immediately placed on ice. Field logs containing a description of the soil encountered in each boring are presented in Appendix B.

The initial 10 DPT borings were designated DP38 through DP47. Nine of these 10 boreholes were located around the perimeter of Building 1079 and the last borehole was located southeast of Building 1080. Soil staining, accompanied by a strong petroleum odor, was observed in soil

samples collected within the capillary fringe (immediately above the water table) in boreholes DP39, DP43, DP44, DP45, and DP46; the staining and strong odor continued into the water table. These five DPT borings were located around the immediate perimeter of Building 1079. Five additional DPT borings (DP38, DP40, DP41, DP42, and DP47) were drilled further away from the perimeter of Building 1079, although there was no visible soil staining in any of these.

Based on visual observations of the soil in the initial 10 DPT borings at Building 1079, the locations of 10 additional borings were selected to further delineate the source(s) of the soil contamination detected in the five DPT borings drilled around the perimeter of the building. The boring locations were based on the understanding of groundwater flow direction in the area surrounding Buildings 1079 and 1080. These additional DPT borings were located west and south of Buildings 1079 and 1080, which represent, the upgradient and crossgradient hydrologic locations.

### 2.2.2 Direct Push Technology Groundwater Sampling

All 20 DPT boreholes were converted to temporary well points by extending the DPT probe approximately 3 to 5 ft below the water table. The drill rods were then retracted from the borehole to the ground surface and a temporary well point was installed using slotted well screen (0.01-inch slot size) and blank casing. Each well consisted of 10 ft of well screen where the water table was located approximately in the middle of screen length. The wells were completed to ground surface using 1.5-inch-diameter Schedule 40 polyvinyl chloride (PVC). Each of the temporary DPT wells was sampled with a separate 1/2-inch-diameter disposable Teflon<sup>®</sup> bailer. Prior to collection of each groundwater sample, a single volume of the bailer was purged from the well point. After the sample was collected, the PVC material was removed from the borehole, which were abandoned by downhole hydration of bentonite chips. A total of 20 DPT groundwater samples, including 2 field duplicates, were collected and analyzed for VOCs using SW-846 Method 8260B and for total petroleum hydrocarbons (TPH) as JP-4 using EPA Method Modified 8015, which provides a determination of the source/type of petroleum hydrocarbons present in groundwater.

Groundwater samples were collected at the first 10 DPT locations (DP38 through DP47) and sent to the offsite laboratory for 48-hour turnaround of analytical results. The analytical results were

used to select the locations of the 10 additional DPT groundwater samples collected (DP48 through DP57). A rationale for the locations is provided in Table 2-1. The analytical results indicated that groundwater has been impacted in the vicinity of Building 1079. Elevated concentrations of VOCs and JP-4 were detected in groundwater samples collected from DPT well points DP39, DP43, DP44, DP45, and DP46. These five DPT well points were located around the immediate perimeter of Building 1079; and the groundwater samples produced a strong hydrocarbon odor. The five DPT wells were allowed to equilibrate for approximately 24 hours, after which water level and free-product measurements were performed. There was no oily sheen or free-phase product visible in these five DPT well points. Based on water levels collected in this area, these borings are located hydrologically downgradient of Buildings 1079 and 1080.

Analytical results for groundwater samples collected from DPT well points DP38, DP40, DP41, DP42, and DP47 indicate low to nondetectable levels of VOCs and TPH. These DPT well points are located further downgradient and crossgradient from Building 1079.

The location of the remaining 10 DPT well points (DP48 through DP57) focused on the area upgradient and crossgradient of Buildings 1079 and 1080 and attempted to provide optimum coverage for isolating the source and lateral extent of the groundwater contamination in this area. The analytical results for groundwater samples collected from these DPT wells were non-detectable for VOCs and TPH.

The groundwater analytical results from the 20 DPT wells that were sampled indicate the source of the contamination is isolated to the area surrounding Building 1079. No elevated concentrations of VOCs or TPH were detected in groundwater samples collected upgradient of Building 1079 on the aircraft taxiway.

### 2.3 SHALLOW SOIL SAMPLING

Nine shallow soil samples (1 to 2 ft bgs) were collected to determine where historical site activities have directly impacted soil and to support the risk assessment. The samples were collected at eight DPT locations (DP39, DP40, DP43, DP44, DP45, DP46, DP49, and DP50) where the results of drilling and visual observations indicated that activities may have impacted

soil. Shallow soil samples were analyzed for VOCs using SW-846 Methods 5035/8260B and for TRPH using SW-846 Methods 9071/418.1. Results are presented in Table 5-3.

#### 2.4 MONITORING WELL INSTALLATION AND SAMPLING

Six new monitoring wells were installed and sampled to determine groundwater conditions upgradient (SS61-MW11) and south (SS61-MW07 through SS61-MW10 and SS61-MW12) of the previously investigated northern part of SS-61. The final locations of the wells were determined during the field program and were based on the results of the DPT groundwater samples. Figure 2-2 presents the locations of the monitoring wells and Table 2-1 gives a rationale for the well locations.

Soil samples for chemical or geotechnical analyses were not collected from the boreholes where the wells were installed. The depths of the six monitoring wells extended from 19.5 to 23.0 ft bgs, with screened intervals of 10 ft. Groundwater was encountered from approximately 14 to 16.5 ft bgs at each of the monitoring well locations. Well development began after the grout was allowed to set for at least 48 hours. Sampling took place at least 48 hours following development.

Groundwater samples were collected from the six new wells, six existing monitoring wells in the vicinity of SS-61, and four wells at SWMU 104 (LF-29) to assess the extent of contamination in groundwater and to provide a comparison of water quality between the previous investigation and the Phase II RI. Of the existing wells that were sampled, six were installed during the previous characterization of the site (SS61-MW01 through SS61-MW06) and four were associated with SWMU 104 to the northwest (MW-29-02, MW-29-03, MW-29-05, and MW-29-06). The offsite laboratory analyzed the samples for VOCs using SW-846 Method 8260B and TPH as JP-4 using SW-846 Method 8015.

#### 2.5 LOCATION AND ELEVATION SURVEYING

Two phases of surveying took place during the RI field activities. During the first phase, trained site personnel operated a portable global positioning system (GPS) unit that was used to survey RI sample locations, geophysical survey area corners, and the position of important site cultural features. These data were used to create an accurate map for this RI Report. During the second

phase, the locations and elevations of the six new monitoring wells were surveyed by a licensed surveyor. All survey data obtained with the GPS unit and by the licensed surveyor are reported in New Mexico state planar coordinates and are based on the 1983 North American Datum used by the Holloman AFB geographic information system. The survey data have been entered into the Environmental Resource Program Information Management System for data storage and reporting.

Table 2-1. Summary of Sampling Conducted During the Phase II Remedial Investigation

Site ID	Location and Rationale	Summary of Analytes Detected	Field Observations
DPT Sample Locations (soil and groundwater sampled)			
SS61-DP38	Southeast of Building 1080 adjacent to taxiway used to define areal of contamination	No detections	No odor or staining noted
SS61-DP39	Southeast of Building 1079 adjacent to taxiway used to define areal of contamination downgradient of bldg 1079	JP-4 in soil and groundwater; benzene and related fuel constituents in groundwater	Petroleum staining and odor noted in saturated cuttings and in water
SS61-DP40	Southwest of Building 1079 adjacent to taxiway used to define areal extent of contamination	JP-4 in shallow soil	Slight petroleum odor in shallow soil
SS61-DP41	Northwest of SD-28, former washrack used to define areal of extent of contamination	JP-4 in soil	Slight petroleum odor in soil
SS61-DP42	Northeast of DP41, south of DeZonia Drive used to define areal extent of contamination	JP-4 in groundwater	Slight petroleum odor in water
SS61-DP43	South of Building 1003 and DeZonia Drive adjacent to roadway sampled to define areal extent of contamination at north end of south area	JP-4 in groundwater; benzene and fuel-related constituents in capillary fringe soil and groundwater	Heavy petroleum odor noted in saturated cuttings and in water
SS61-DP44	West side of Building 1079 sampled to define contamination on west side of Building 1079	JP-4 and tert-butylbenzene in groundwater	Petroleum staining and odor
SS61-DP45	North side Building 1079 south of DP35 near concrete sump sampled to define contamination on north side of Building 1079	Fuel constituents in groundwater	Petroleum staining and odor
SS61-DP46	East side of Building 1079 sampled to define contamination on east side of Building 1079	JP-4 and 1,2-dichlorobenzene in groundwater	Slight petroleum staining and odor
SS61-DP47	North of Building 1086 adjacent to DeZonia Drive sampled to define areal extent of contamination	TCE in groundwater	No odor or staining noted
SS61-DP48	300 ft southeast of DP38 in culvert east of taxiway sampled as possible dump area upgradient of DP-38	No detections	No odor or staining noted
SS61-DP49	Center of surface water run-off basin in Building 1079 parking lot sampled to define extent of contamination in stormwater catch basin	JP-4, benzene and related fuel constituents in groundwater; fuel constituents in soil	Heavy petroleum odor noted in saturated cuttings and in water
SS61-DP50	West of DP-63, south of DeZonia Drive sampled to define contaminant plume	JP-4, benzene and related fuel constituents in groundwater	Slight petroleum staining and odor
SS61-DP51	Northwest of MW12 sampled to define contaminant plume	JP-4 in groundwater	Slight petroleum odor in water
SS61-DP52	On taxiway south of DP51 sampled to define contaminant plume	No detections	No odor or staining noted
SS61-DP53	On taxiway south of DP39 sampled to define contaminant plume	No detections	No odor or staining noted
SS61-DP54	Northwest of DP41, south of DeZonia Drive sampled to define contaminant plume	JP-4 in groundwater	Slight petroleum odor in water
SS61-DP55	East of DP41 sampled to define contaminant plume	No detections	No odor or staining noted
SS61-DP56	East of DP46 and north of DP37 sampled to define contaminant plume	1,1-DCA and TCE in groundwater	No odor or staining noted
SS61-DP57	Northwest of DP55 and southeast of DP54 sampled to define contaminant plume	No detections	No odor or staining noted

**Table 2-1. Summary of Sampling Conducted During the Phase II Remedial Investigation**

Site ID	Location and Rationale	Summary of Analytes Detected	Field Observations
<b>Monitoring Wells</b>			
SS61-MW01 <sup>1</sup>	North of former AST in northern part of site; sampled to define contaminant plume	No detections	No odor or staining noted
SS61-MW02 <sup>1</sup>	Northeast of Building 1085; sampled to define contaminant plume	Benzene and fuel constituents in groundwater	Petroleum odor in water
SS61-MW03 <sup>1</sup>	Southeast corner of Building 1001 fenced area; sampled to define contaminant plume	JP-4 and benzene and related fuel constituents in groundwater	Petroleum odor in water
SS61-MW04 <sup>1</sup>	South of concrete pad; sampled to define contaminant plume	JP-4 and benzene and related fuel constituents in groundwater	Petroleum odor in water
SS61-MW05 <sup>2</sup>	Adjacent and north of Building 1087; sampled to define contaminant plume	No detections	No odor or staining noted
SS61-MW06 <sup>2</sup>	East of MW04; sampled to define contaminant plume	JP-4 and benzene and related fuel constituents in groundwater	Petroleum odor in water
SS61-MW07 <sup>3</sup>	Co-located with DP54 and installed as a cross-gradient well	No detections	No odor noted
SS61-MW08 <sup>3</sup>	Co-located with DP50 and installed to monitor groundwater quality downgradient of the source within the plume	Benzene in groundwater	No odor noted
SS61-MW09 <sup>3</sup>	Co-located with DP44 and installed to monitor groundwater contamination within the plume west of Building 1079	Chloroform in groundwater	No odor noted
SS61-MW10 <sup>3</sup>	Co-located with DP39 and installed to monitor upgradient groundwater quality near the source within the plume	No detections	No odor noted
SS61-MW11 <sup>3</sup>	Upgradient well located south of taxiway approximately 300 ft south of Building 1079 and installed as a suspected upgradient well outside the plume	Chloroform in groundwater	No odor noted
SS61-MW12 <sup>3</sup>	East of DP40 and southeast of DP51 near taxiway entrance and installed to monitor cross-gradient groundwater quality	No detections	No odor noted
MW-29-02 <sup>4</sup>	East of LF-29 (SWMU 104); sampled to define contaminant plume	Chloroform and 1,2-DCA in groundwater	No odor noted
MW-29-03 <sup>4</sup>	Southwest of LF-29 (SWMU 104); sampled to define contaminant plume	Chloroform in groundwater	No odor noted
MW-29-05 <sup>4</sup>	Southeast of LF-29 (SWMU 104); sampled to define contaminant plume	1,2-DCA and benzene and related fuel constituents in groundwater	Petroleum odor in water
MW-29-06 <sup>4</sup>	North of LF-29 (SWMU 104); sampled to define contaminant plume	1,2-DCA and toluene in groundwater	No odor noted

Notes:

The following analyses were performed on groundwater and soil samples:

Groundwater: VOCs by EPA SW-846 Method 8260B

TPH as JP-4 by EPA SW-846 Method Modified 8015

Soil: VOCs by EPA SW-846 Methods 5030/8260B

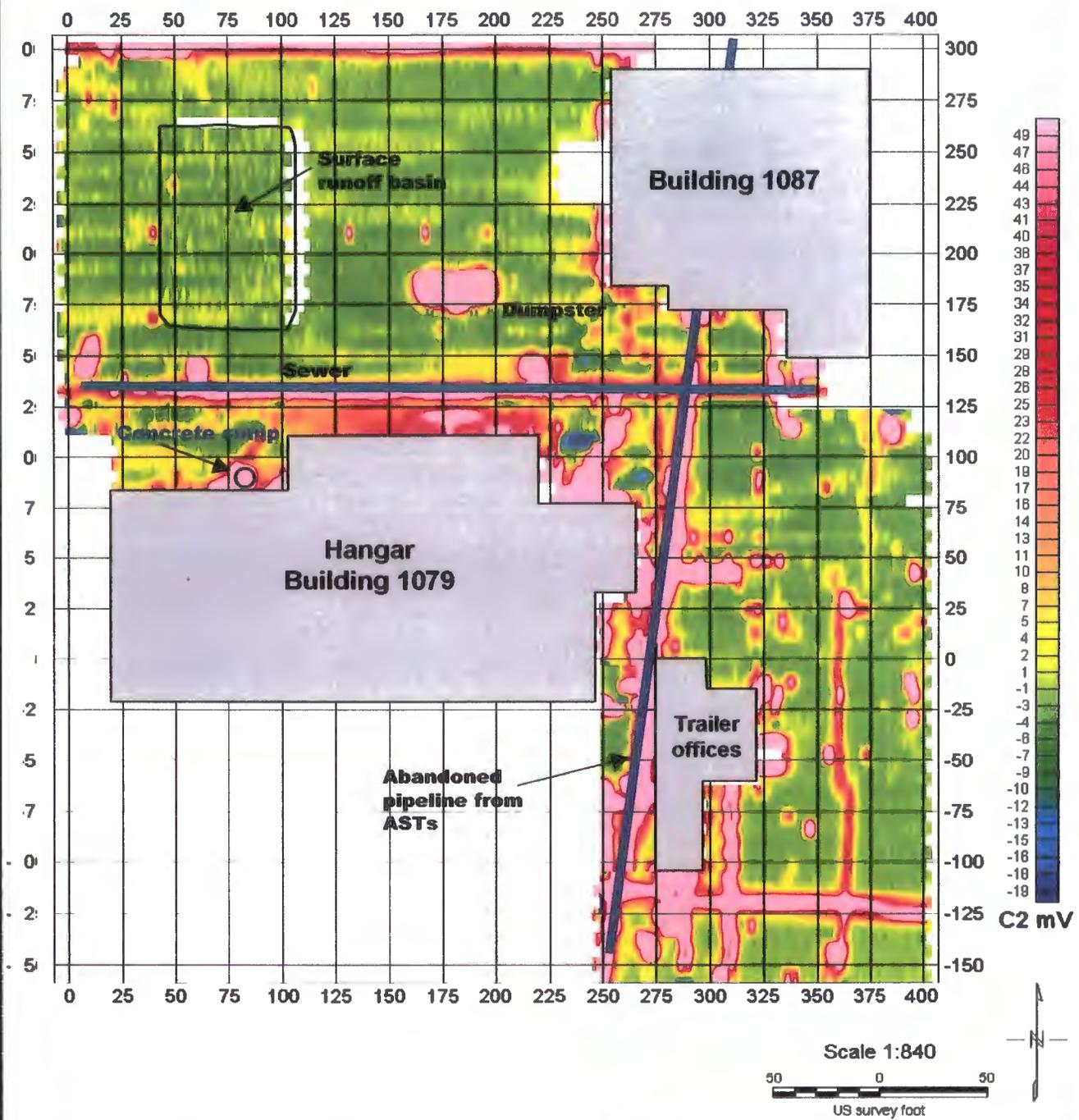
TRPH by EPA SW-846 Methods 9071/418.1

<sup>1</sup> Installed prior to Phase I RI

<sup>2</sup> Installed during Phase I RI

<sup>3</sup> Installed during Phase II RI

<sup>4</sup> Installed during RFI at Landfill 29 (LF-29)



Note: Survey was completed in March 2000.

**SS-61 REMEDIAL INVESTIGATION REPORT**  
**Holloman Air Force Base, New Mexico**  
**U.S. Army Corps of Engineers, Omaha District**

**Figure 2-1**  
**Geophysical Survey and Cultural Features**

**FW FOSTER WHEELER ENVIRONMENTAL CORPORATION**

Revision Date: 12/13/2000



-  Geophysical Survey
-  Phase II Monitoring Well Locations
-  Phase II Direct Push Sample Locations
-  Piezometers
-  Fenceline
-  Monitoring Wells
-  Previous Direct Push Sample Locations
-  Previous Surface Soil and Sediment Samples
-  Test Pit Locations
-  Buildings
-  Roads

**SS-61 PHASE II RI**  
**Holloman Air Force Base, New Mexico**  
**U.S. Army Corps of Engineers, Omaha District**

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**Figure 2-2**  
**Sample Locations at SS-61**

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 **Foster Wheeler Environmental Corporation**

### 3.0 PHYSICAL SETTING

This section describes the environmental setting of Holloman AFB including detailed discussions of physiography, geology, hydrology, and hydrogeology. The information was compiled from existing base records, published literature, previous reports, and the RI field activities.

#### 3.1 GEOGRAPHY

Holloman AFB is situated in south-central New Mexico, in the northwest-central part of Otero County (Figure 1-1). The base occupies about 50,000 acres in the northeast quarter of Township 17S, Range 8E. The White Sands Missile Range testing facilities occupy additional land to the north. Private and public lands border the remainder of the base. The major highway serving the base is New Mexico Highway 70, which runs southwest from the City of Alamogordo and forms a boundary between the base and public lands. The City of Alamogordo is located approximately 7 miles east of the base. With a population of approximately 31,000, it is the only town of appreciable size within 40 miles of the base. Holloman AFB has a population of approximately 5,500.

#### 3.2 PHYSIOGRAPHY

The base is located in the Tularosa Basin, which is bounded by the San Andres Mountains approximately 30 miles to the west and the Sacramento Mountains located approximately 10 miles to the east. The interior of the Tularosa Basin plain has low relief, with elevation ranging from about 4,000 ft above mean sea level (msl) in the southwest to about 4,400 ft above msl in the northeast. The surrounding mountains reach 7,000 to 12,000 ft in elevation.

The climate in the Tularosa Basin is arid with low annual rainfall and low relative humidity. The surrounding mountain ranges greatly influence local weather, since they modify approaching weather systems and provide orographic lifting, which produces summer thunderstorms. The mean annual precipitation is 7.9 inches, mostly from thunderstorm activity from May through October. Winter is generally dry and is characterized by clear skies and occasional snowfall. The period from March through May is characterized by strong southerly wind flow and periods of blowing dust and sand.

### 3.3 REGIONAL GEOLOGY

The Tularosa Basin is a bolson, or a basin that has no surface drainage outlet. Bolson deposits are sediments carried by water into a closed basin. The bolson fill in the Tularosa Basin is derived from the erosion of limestone, dolomite, and gypsum in the surrounding mountains. Coarser material is deposited at the base of the mountains; finer material is carried to the basin's interior. The near-surface bolson deposits consist of sediments that are of alluvial, eolian (wind-blown), and lacustrine (lake-bed), or playa origin.

Alluvial fan deposits are characteristically laterally discontinuous units of interbedded sand, silt, and clay; the eolian deposits consist primarily of gypsum sand. Alluvial and eolian deposits are often indistinguishable because of the reworking of alluvial sediments by eolian processes. Lacustrine, or playa, deposits in the area consist of clay containing gypsum crystals and are juxtaposed with alluvial fan and eolian deposits throughout the base (Foster Wheeler and Radian, 1994).

### 3.4 HYDROLOGY AND HYDROGEOLOGY

Both surface water and groundwater contribute to the hydrological and hydrogeological setting at Holloman AFB and are described in detail below, along with a discussion of the hydrogeology specific to SS-61.

#### 3.4.1 Regional Surface Water Hydrology

Since the Tularosa Basin is a closed basin with no surface water outlet, water is lost to evaporation, transpiration, and infiltration. Water also collects in Lake Lucero, the lowest point in the basin, which is approximately 20 miles southwest of Holloman AFB.

Holloman AFB is crossed by several southwest-trending arroyos that control surface drainage in the undeveloped part of the base (Figure 3-1). These arroyos consist of Hay Draw, in the far northern part of the Base; Malone Draw and Ritas Draw, which drain into Lost River; and Dillard Draw to the east, which runs in a southwesterly direction along the eastern and southern boundaries of the Base. Lost River, the largest arroyo, is dammed within the Base, near the western boundary, and runoff from Lost River, Malone Draw, and Ritas Draw collects in the

dammed area. Drainage within the developed portions of the base flows through ditches and culverts to various outfall areas.

The mean annual lake evaporation rate, commonly used as an estimate of the mean annual evapotranspiration potential, is approximately 67 inches per year (Foster Wheeler and Radian, 1997). Therefore, the amount of precipitation that infiltrates the soil in this part of the basin is very low.

#### 3.4.2 Regional Groundwater Hydrogeology

Groundwater occurs under unconfined conditions in the unconsolidated bolson deposits beneath Holloman AFB. The primary source of recharge for groundwater in the bolson aquifer is percolation of rainfall and stream runoff through the coarse, unconsolidated alluvial fan deposits along the western flank of the Sacramento Mountains. Water migrates downward into the alluvial sediment at the edge of the shallow bolson aquifer and flows downgradient through progressively finer-grained sediment into the basin. Beneath Holloman AFB, the depth to groundwater ranges from less than 5 ft to nearly 50 ft bgs.

In the vicinity of Holloman AFB, groundwater generally flows toward the west and southwest, following surface topography. In the southeastern portion of the base, groundwater generally flows southwest toward the Dillard Draw surficial drainage system. In the northern and western portions of the base, groundwater flows more to the west toward the Ritas Draw, Malone Draw, and Lost River drainages. Groundwater flow is affected by local topography in areas immediately adjacent to arroyos, where groundwater flows directly toward the drainages regardless of the regional flow pattern.

Water quality in the Tularosa Basin is relatively fresh near the recharge areas at the base of the mountains, but degrades as a result of an increase in dissolved solids as the groundwater flows toward the interior of the basin.

On the basis of New Mexico Water Quality Control Commission (WQCC) Regulations (New Mexico WQCC 82-1, as amended through August 18, 1991, Parts 3-100 through 3-103), the groundwater beneath Holloman AFB is designated as unfit for human consumption because it exceeds New Mexico human health standards for total dissolved solids (TDS) and sulfate. Using

EPA guidelines (EPA, 1986), the groundwater is Class IIIB. Class III groundwater is characterized by having a TDS concentration greater than 10,000 milligrams per liter (mg/L) and is, therefore, not considered a source or a potential source of drinking water. Class IIIB groundwater is also characterized by a low degree of interconnection with adjacent surface waters or groundwater of a higher class. Groundwater does not discharge or connect to any adjacent aquifers because the Tularosa Basin is a closed basin. Adjacent surface waters include Lost River and Lake Holloman, which also have high concentrations of TDS, and are not considered potential drinking water sources.

### 3.4.3 Site-Specific Hydrogeology

The SS-61 area is underlain by silts, clays, and silty clays that contain an abundance of gypsum crystals within the unsaturated vadose zone (Foster Wheeler, 1999b). These lithologies are laterally discontinuous over distances as short as 50 to 100 ft. A resistant layer of caliche in the subsurface at a depth of 11 to 13 ft bgs has been observed in drill cores and DPT samples collected at the site during the RI and previous investigations in 1996 and 1997 (Foster Wheeler and GTI, 1997b; Foster Wheeler, 1999b). This caliche layer may cause horizontal migration of soil contamination and act as a partial barrier to downward contaminant migration. It is possible that drilling refusal in the vicinity of the debris pile at DP22 can be attributed to caliche at a depth of 13 ft bgs rather than the presence of buried metal as previously noted during the Phase II field investigation in 1997 (Foster Wheeler and GTI, 1997b).

The depth to groundwater in the SS-61 area currently ranges from approximately 11 ft bgs in the southern portion of the site near the Building 1079 to a maximum depth of 30 ft bgs in the northern portion of the site in the vicinity of the former ASTs. Table 3-1 presents groundwater elevation data for monitoring wells and piezometers where water levels were measured in June 1996, June 1997, April 1999, and May 2000. Figures 3-2 and 3-3 illustrate the water table elevations beneath the site as determined in April 1999 and May 2000, respectively.

Based on water level data collected in April 1999, the hydraulic gradient is 0.002 ft/ft to 0.003 ft/ft to the west-northwest (Figure 3-2). As shown in Figure 3-3, groundwater in May 2000 flows to the west and the hydraulic gradient is ranges from 0.003 ft/ft in the northern part of SS-61 to 0.007 ft/ft in the southern part of the site. The water levels and hydraulic gradient

measured during the RI are consistent with those measured in previous investigations (Foster Wheeler, 1999b). Based on the coverage of wells across the site, it appears as though groundwater flow in this part of the Base is different than the general flow direction.

Groundwater generally flows to the southwest at Holloman AFB, but groundwater in the SS-61 area flows to the west and northwest. This difference in flow direction at SS-61 is a local phenomenon likely due to hydrologic influence from surface drainages in the northern part of the Base.

No aquifer tests were conducted during either phase of the RI and samples were not collected to quantify the hydraulic conductivity of the shallow water-bearing zone. The thickness of this zone is unknown because no boreholes were drilled more than approximately 10 ft below the water table. Monitoring wells and temporary groundwater sampling points were installed at the water table because the maximum concentrations of the fuel-related contaminants of concern at this site are expected to be found at the water table. This contamination may have been dissolved in leachate that would first reach and affect the uppermost part of the shallow water-bearing zone. Alternately, it may have migrated to the water table as free product prior to any of the site investigations, although no free product was found on the water table during the Phase I and Phase II RI field programs. Free-phase fuel products are less dense than water and tend to float after reaching the water table. Therefore, groundwater samples collected at and near the water table are considered appropriate for detecting this type of groundwater contamination.

### 3.5 CURRENT AND FUTURE LAND USE

The land surrounding Holloman AFB consists of residential areas to the east and northeast (City of Alamogordo), rangeland to the south, the White Sands National Monument to the west, and areas where military activities are conducted to the north. The desert terrain of the area immediately surrounding Holloman AFB has limited development, and there are no agricultural operations, residential communities, or large industrial operations located adjacent to the base. Holloman AFB is an active military installation and is expected to remain active for the foreseeable future. No transfer of military property to the public is anticipated, and public access to the base is restricted.

Residential development on the base is limited by environmental and operational constraints imposed by the 100-year floodplain, historic sites, and areas identified under the IRP. Safety and noise zones also limit residential development on Holloman AFB. Future plans for residential development on the Base include renovation of existing structures, replacement of inefficient buildings, and expansion into open areas in the southeast corner of the Base (*Horizons 2000 Facility Improvement Plan II*, 1987). Future land use is not expected to differ significantly from current land use practices.

### 3.6 CURRENT AND FUTURE WATER USE

At present, the primary fresh water resource for the City of Alamogordo and Holloman AFB is Lake Bonita, 60 miles northeast of the Tularosa Basin. Currently, there are no potable supplies of groundwater or surface water located on the Base. Holloman AFB obtains its water supply from the City of Alamogordo and the Holloman AFB wells in the Boles, San Andres, and Douglas well fields at the base of the Sacramento Mountains. No water supply wells are located on or near the Base because of poor groundwater quality. The nearest production well downgradient from Holloman AFB is a livestock well located 3.5 miles west of the Base (Foster Wheeler and Radian, 1994). There are no potable or irrigation wells near to or downgradient of the Base.

Table 3-1. SS-61 Groundwater Elevation Data Collected in 1996, 1997, 1999, and 2000

Well	TOC Elevation (ft msl)	Depth to Water from TOC (ft)				Groundwater Elevation (ft msl)			
		June 1996	June 1997	April 1999	May 2000	June 1996	June 1997	April 1999	May 2000
SS61-MW01	4110.06	--	30.69	30.52	30.98	--	4079.37	4079.54	4079.08
SS61-MW02	4103.11	--	21.90	22.50	21.59	--	4081.21	4080.61	4081.52
SS61-MW03	4098.41	--	18.27	19.12	19.11	--	4080.14	4079.29	4079.30
SS61-MW04	4095.41	--	14.22	19.10	15.39	--	4081.19	4076.31	4080.02
SS61-MW05	4097.68	--	--	16.50	15.93	--	--	4081.18	4081.75
SS61-MW06	4096.32	--	--	16.10	15.81	--	--	4080.22	4080.51
SS61-MW07	4093.43	--	--	--	17.65	--	--	--	4075.78
SS61-MW08	4093.94	--	--	--	15.33	--	--	--	4078.61
SS61-MW09	4094.58	--	--	--	15.41	--	--	--	4079.17
SS61-MW10	4091.94	--	--	--	11.15	--	--	--	4080.79
SS61-MW11	4087.71	--	--	--	11.12	--	--	--	4076.59
SS61-MW12	4090.61	--	--	--	13.10	--	--	--	4077.51
MW-29-01	4103.42	25.71	24.85	--	25.39	4077.71	4078.57	--	4078.03
MW-29-02	4097.81	21.41	--	20.93	21.52	4076.40	--	4076.88	4076.29
MW-29-03	4097.14	19.93	19.34	19.64	20.53	4077.21	4077.80	4077.50	4076.61
MW-29-04	4098.54	20.90	20.26	--	21.61	4077.64	4078.28	--	4076.93
MW-29-05	4101.70	23.59	23.00	23.02	23.68	4078.11	4078.70	4078.68	4078.02
MW-29-06	4101.94	24.07	23.45	23.32	23.95	4077.87	4078.49	4078.62	4077.99
MW-29-07	4098.56	21.40	20.79	--	21.50	4077.16	4077.77	--	4077.06
MW-29-08	4100.72	23.69	23.08	--	23.72	4077.03	4077.64	--	4077.00
PZ-01	4104.17	--	25.41	--	--	--	4078.76	--	--
PZ-02	4110.08	--	30.34	--	--	--	4079.74	--	--
PZ-03	4103.10	--	22.72	--	--	--	4080.38	--	--
PZ-04	4100.64	--	21.13	--	--	--	4079.51	--	--

Notes:

-- - Not measured

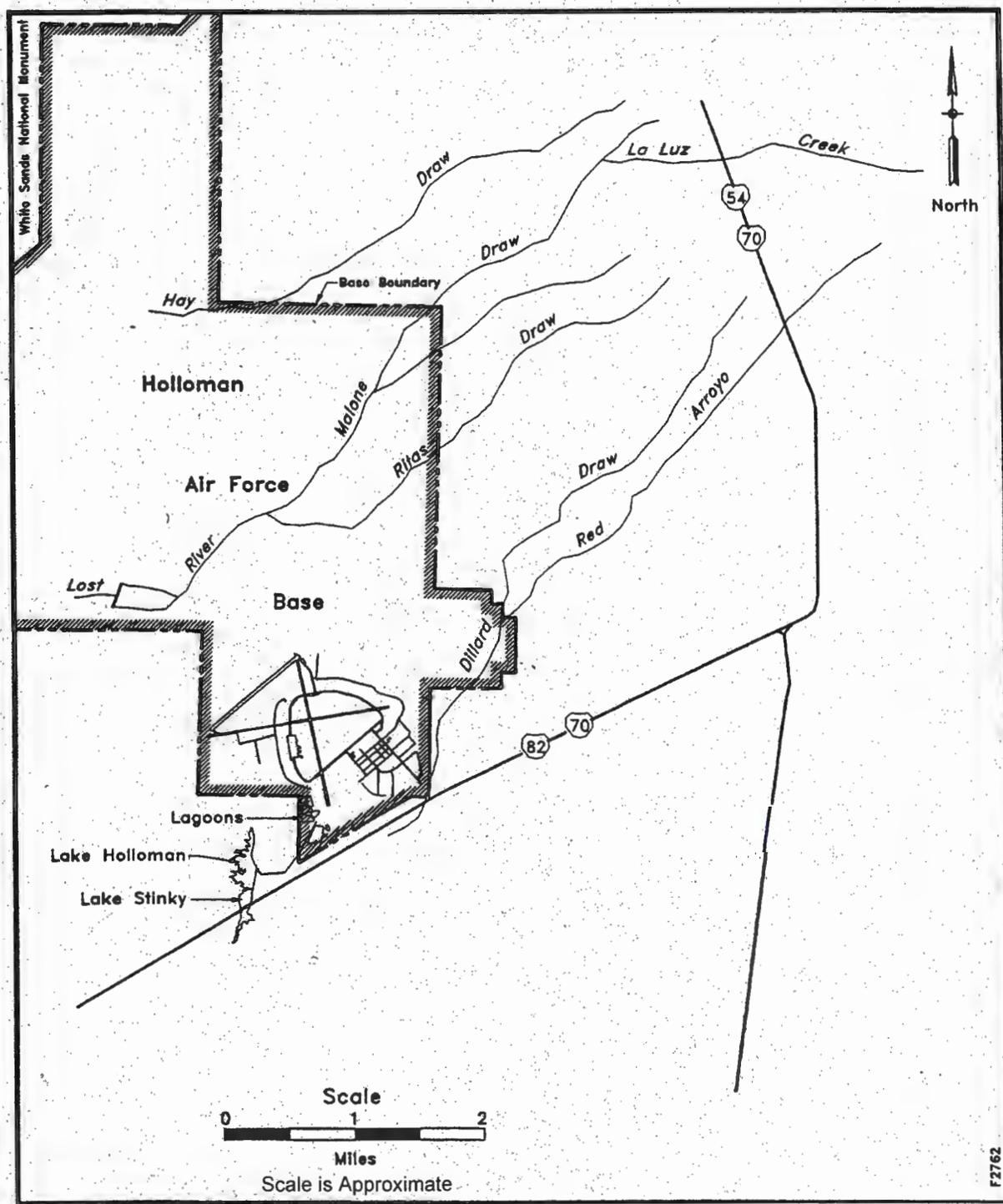
ft - Feet

msl - Mean sea level

MW - Monitoring well

PZ - Piezometer

TOC - Top of polyvinyl chloride casing



**SS-61 REMEDIAL INVESTIGATION REPORT**

Holloman Air Force Base, New Mexico

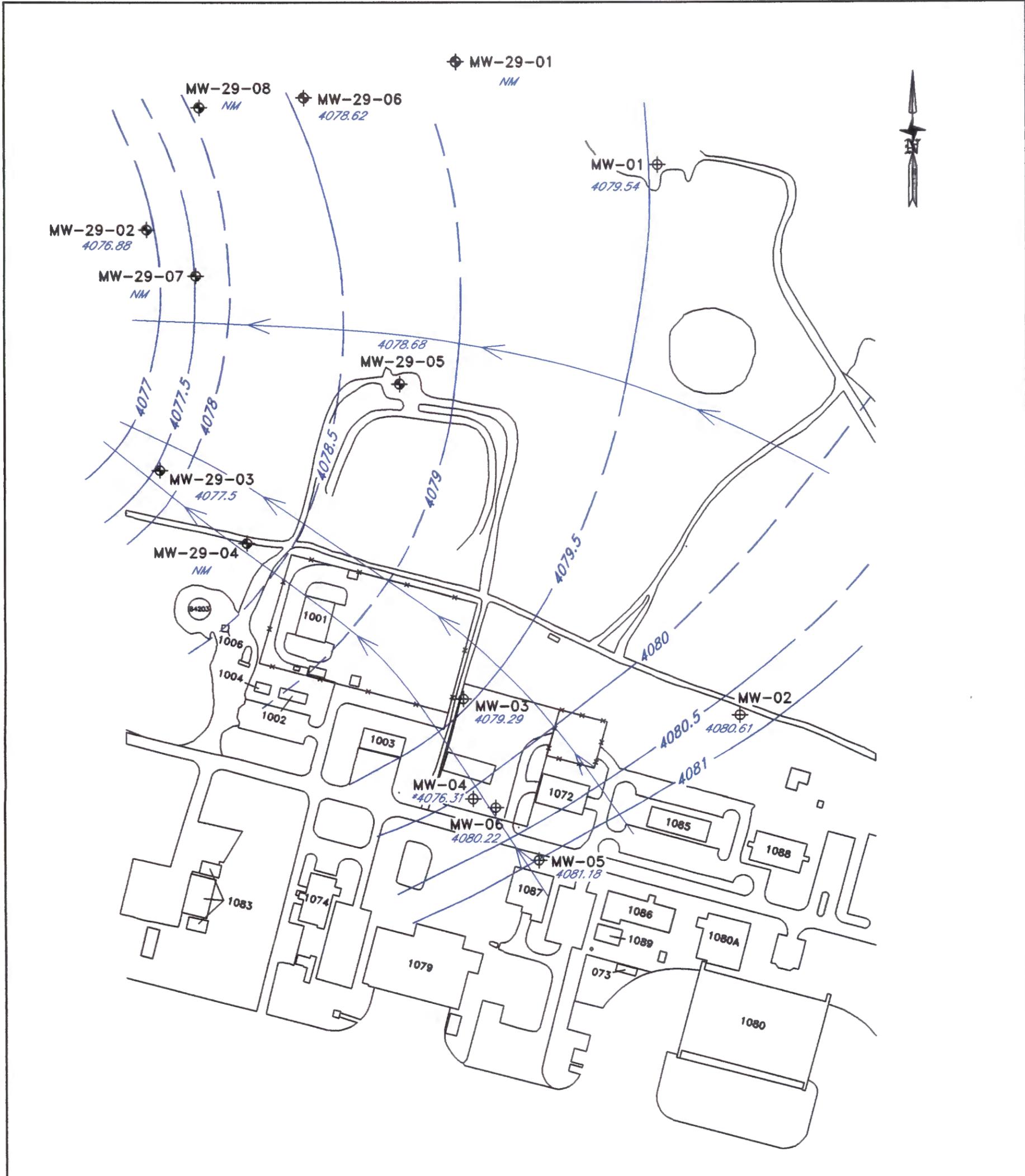
U.S. Army Corps of Engineers, Omaha District

**Figure 3-1**

**Drainages in the Vicinity  
of Holloman Air Force Base**

 **FOSTER WHEELER ENVIRONMENTAL CORPORATION**

Revision Date: 12-12-00



**LEGEND**

- ⊕ LF-29 MONITOR WELL LOCATION
- ⊕ SS-61 MONITOR WELL LOCATION
- \*- FENCE LINE
- - - 4079 GROUNDWATER POTENTIOMETRIC CONTOUR (DASHED WHERE INFERRED)
- NM NOT MEASURED
- ← GROUNDWATER FLOW DIRECTION

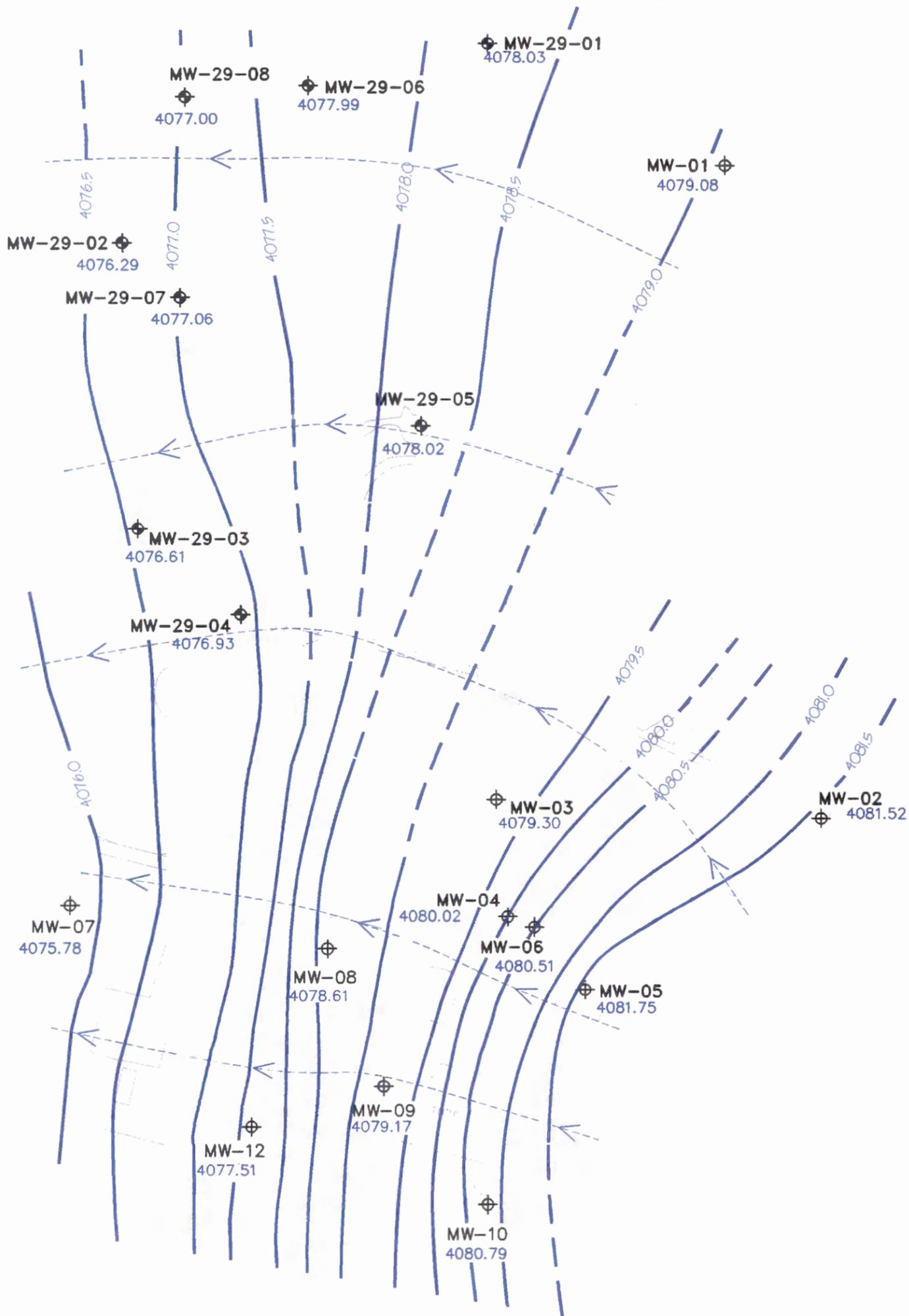
**NOTES:**

GROUNDWATER ELEVATIONS FOR THE SHALLOW WATER-BEARING ZONE ARE PRESENTED FOR APRIL 1999 AND ARE PROVIDED IN FEET ABOVE MEAN SEA LEVEL.

\* NOT USED TO CONTOUR THE POTENTIOMETRIC SURFACE.



<b>FOSTER WHEELER</b> ENVIRONMENTAL CORPORATION		<b>SS-61 REMEDIAL INVESTIGATION REPORT</b> U.S. ARMY CORPS OF ENGINEERS, OMAHA DISTRICT		<b>FIGURE</b> 3-2
DESIGNED: C.BIENIULIS	DATE: 6/30/99	HOLLOMAN AIR FORCE BASE, NEW MEXICO		
DRAFTED: L.GAMBLE	DATE: 9/17/00	GROUNDWATER POTENTIOMETRIC SURFACE FOR APRIL 1999		
REVISED: R.E. PEASE	DATE:			
APPROVED:	DATE:			
FILE: EHOFG02.DWG				



**LEGEND**

- Landfill 29 Well
- SS-61 Well
- Fence
- 4079 Potentiometric surface contour
- Groundwater flow direction

**NOTES:**

GROUNDWATER ELEVATIONS FOR THE SHALLOW WATER-BEARING ZONE ARE PRESENTED FOR MAY 2000 AND ARE PROVIDED IN FEET ABOVE MEAN SEA LEVEL.



FOSTER  WHEELER ENVIRONMENTAL CORPORATION		SS-61 REMEDIAL INVESTIGATION REPORT U.S. ARMY CORPS OF ENGINEERS, OMAHA DISTRICT	FIGURE 3-3
DESIGNED: C. BIENIULIS DRAFTED: E. PEASE CHECKED: APPROVED:	DATE: 9/17/00 DATE: DATE:		
FILE: May 2000 PotSurf		GROUNDWATER POTENTIOMETRIC SURFACE FOR MAY 2000	

#### 4.0 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

Holloman AFB is conducting the RI of SS-61 under the ERP in accordance with the general requirements of CERCLA and the NCP. As part of this RI, Applicable or Relevant and Appropriate Requirements (ARARs) are identified to support decision-making related to the need for further action at the site. These ARARs include the following requirements and screening levels for the chemical analytes detected at SS-61.

- Chemical-specific action levels established by NMED for TRPH and benzene; these action levels were established for the UST Program (NMED, 1993; 1995)
- EPA Region VI HHSLs for other hazardous constituents regulated under RCRA (EPA, 1999)
- New Mexico WQCC Regulations regarding the applicability of water quality standards to high-TDS groundwater such as that found at Holloman AFB and in the Tularosa Basin in general.

These various requirements are described in the sections that follow and are summarized in correspondence between NMED and Holloman AFB in 1993 and 1995.

#### 4.1 CORRECTIVE ACTION REQUIREMENTS

The NMED has not adopted a universal reference list of cleanup goals or corrective action requirements for soil or groundwater contamination. However, certain cleanup or corrective action goals have been established and are used under the various NMED programs (i.e., UST, RCRA, and Groundwater) and differ depending on the origin and nature of the contamination. According to NMED, for certain contaminated sites (i.e., sites with contamination unrelated to a UST release and not associated with a RCRA-permitted unit), the EPA Region VI human health screening-levels (HHSL) are often used as target cleanup numbers in lieu of performing site-specific risk assessments (Pullen, 1999). NMED also accepts the use of a 25 mg/kg screening level for benzene, as listed in proposed Subpart S corrective action guidance (NMED, 1993). As of yet, the Subpart S corrective action guidance has not been adopted by NMED, however, to support the corrective action recommendations for the site, a HHRA has been conducted to ascertain the affect of site exposure on receptors. NMED also indicated that site-specific conditions, exposure pathways, and future uses of the property may also be taken into account in determining appropriate cleanup goals using site-specific risk assessments.

For remediation of spills and releases of petroleum hydrocarbons and other regulated substances

from USTs, NMED has established specific investigation and corrective action requirements. These requirements are codified in Title 20, Section 5, Part 12 and Part 13, respectively, of the New Mexico Administrative Code (NMAC). However, because of the Holloman AFB location and the unique hydrogeologic conditions underlying the base (i.e., location within a confined basin and naturally elevated TDS concentrations in groundwater), NMED has agreed to specific cleanup standards for petroleum, oil, and lubricants (POL)-contaminated soil and impacted groundwater around the base. In 1995, the NMED policy regarding soil and groundwater cleanup was updated as follows (NMED, 1995):

- A basewide soil cleanup standard of 1,000 mg/kg TRPH is allowable at UST sites involving a release of petroleum hydrocarbons. This standard is acceptable to NMED provided that there are no RCRA hazardous constituents present in soil for which calculated risk-based levels would be more stringent.
- NMED does not require remediation of existing contamination in unprotected groundwater, unless a situation occurs in which a human or ecological receptor would be exposed to unacceptable risk from contact with the contaminated water. NMED agreed that, in cases where the TDS content renders the water nonpotable, direct ingestion of the water by humans was not a plausible exposure scenario. However, additional or continued contamination of groundwater is not acceptable to NMED. To implement the policy, existing soil and groundwater contaminant plumes must be adequately characterized. Monitoring wells defining contaminant plumes must be sampled at least annually for the contaminants present.

An additional soil remediation requirement specified in 20 NMAC 5.12.1209 for petroleum UST sites is that soil contamination be reduced to a level that will not contaminate groundwater through percolation or as the water table rises and falls with seasonal fluctuations. Further, the soil must not be a source of potentially explosive or potentially harmful vapors in utilities, basements, or other surface or subsurface structures.

The provisions of 20 NMAC 5.13, *Corrective Action for UST Systems Containing Other Regulated Substances*, may be applicable for releases from USTs containing substances other than petroleum hydrocarbons. Specifically, 20 NMAC 5.13.1317, *Termination of Reclamation*, presents the criteria to be met for reclamation to be considered complete. These criteria include:

- No regulated substances are in direct contact with groundwater or surface water.
- Soil contamination has been reduced to a level that will not recontaminate groundwater through percolation or as the water table rises and falls with seasonal fluctuations.
- Conditions that threatened health, public welfare, or the environment have been remediated.
- In cases where remediation is required, additional water quality compliance monitoring

requirements may apply.

Where appropriate, NMED uses existing groundwater quality standards contained in the New Mexico WQCC Regulations, *Water Quality Standards*, Part III. However, these standards have been established for the purpose of controlling discharges onto or below the surface of the ground to protect all groundwater of the state of New Mexico (which has an existing TDS concentration of 10,000 mg/L or less) for present and potential future use as domestic and agricultural water supply. These standards are also designed to protect those segments of surface waters that are increasing because of groundwater inflow, for uses designated in the New Mexico Water Quality Standards. Groundwater in the vicinity of Holloman AFB and throughout the Tularosa Basin is nonpotable and exceeds 10,000 mg/L TDS as described in Section 3.4. Therefore, the WQCC Regulations, Part III Water Quality Standards are not applicable.

For detected constituents for which water quality standards have not been established, the water quality standards developed pursuant to 20 NMAC 5.13.1318 must be met. In this situation, the regulations require the owner, operator, and NMED to determine the water quality standards to be attained for the release in question. These standards must be adequate to protect health, public welfare, and the environment. In designating a water quality standard pursuant to this section, NMED may consider any standards the federal government or other states have developed for that substance.

#### 4.2 CONCLUSIONS

The ASTs and historical fueling operations at SS-61 have impacted the site to a minor degree only; therefore, the NMED UST Program and RCRA Permit Program closure and corrective action requirements should not be applicable to the site. Based on conversations with NMED personnel, USACE believes EPA Region VI HHSLs, risk assessment-based cleanup standards, and Holloman AFB action levels for TRPH and benzene are relevant and appropriate for determining the relevance of further action at SS-61.

## 5.0 NATURE AND EXTENT OF CONTAMINATION

The evaluation of the nature and extent of contamination is based on the analytical results for samples collected during the Phase I and Phase II RFIs in 1996 and 1997 (Foster Wheeler and GTI, 1997), the Phase I RI in 1999 (Foster Wheeler, 1999b), and the Phase II RI in 2000 (Foster Wheeler, 2000). A summary of the sample results is presented below for the following media:

- Soil vapor sampled during the Phase I RFI
- Soil sampled during both phases of the RFI and of the RI
- Groundwater samples collected at DPT locations and from monitoring wells during both phases of the RFI and of the RI

### 5.1 SOIL VAPOR SURVEY RESULTS

During the Phase I RFI, a passive soil vapor survey was performed to help locate the source of contamination. Forty-nine passive soil vapor points (Gore-Sorbers<sup>SM</sup>) were installed 3 ft bgs in a grid with a 50-ft spacing. The survey was conducted upgradient of well MW-29-05 and within the area believed to be a former fuel storage area. The Gore-Sorbers<sup>SM</sup> remained in the ground for approximately two weeks.

The soil vapor samples were analyzed for VOCs, semivolatile organic compounds (SVOCs), and explosives using thermal desorption gas chromatography, and mass selective detection laboratory analysis. A trace of BTEX was detected in only one sample collected on the northwest side of the northern bermed area at a concentration of 1.12 micrograms ( $\mu\text{g}$ ). The 1.12 micrograms per kilograms ( $\mu\text{g}/\text{kg}$ ) BTEX result consisted of 0.80  $\mu\text{g}$  of toluene and 0.32  $\mu\text{g}$  of total xylenes. Undecane was detected in 22 soil vapor samples at concentrations ranging from 0.02 to 0.26  $\mu\text{g}$ . Diesel-range alkanes (C11, C13, and C15) were also detected in a sample located near DP01 north of the fenced area of Building 1001 at a concentration of 0.26  $\mu\text{g}$ . Undecane and diesel-range alkanes were also detected at 0.10  $\mu\text{g}$  in a laboratory blank, so the actual presence of undecane and diesel-range alkanes in the samples is suspect. No SVOCs or explosives were detected above method reporting limits in any of the soil vapor samples (Foster Wheeler and GTI, 1997).

## 5.2 SOIL

### 5.2.1 Phase I RFI Soil Sampling Results

Phase I RFI soil sampling analytical results are also presented in previous reports and summarized in Table 5-1 (Foster Wheeler and GTI, 1997; Foster Wheeler, 1999b). Figure 5-1 presents the distribution of analytes detected in soil during the RFI. Methylene chloride was detected in soil samples collected from borings DP09A and DP10 at concentrations ranging from 10,000 to 17,000  $\mu\text{g}/\text{kg}$ . Methylene chloride was also detected in the method blank at a concentration of 3.86  $\mu\text{g}/\text{kg}$ . No other VOCs were detected in the soil samples collected during the Phase I RFI. The soil sample collected from DP08 from 15 to 18 ft bgs contained two explosives, tetryl at 1,000  $\mu\text{g}/\text{kg}$  and TNT at 1,000  $\mu\text{g}/\text{kg}$ .

### 5.2.2 Phase II RFI Soil Sampling Results

Phase II RFI soil sampling analytical results are also summarized in Table 5-1 and presented in previous reports (Foster Wheeler and GTI, 1997b; Foster Wheeler, 1999b). Figure 5-1 presents the distribution of analytes detected in soil during the RFI. Selected soil samples were analyzed onsite by the mobile laboratory for specific halogenated hydrocarbons and BTEX using modified EPA Methods 8010/8020. BTEX was identified in only two samples. One sample collected from DP22 at 11 to 12 ft bgs contained 37,970  $\mu\text{g}/\text{kg}$  of total BTEX, and one sample from DP23 collected at 17 to 20 ft bgs contained 430  $\mu\text{g}/\text{kg}$  of total BTEX. The benzene concentration of 29,400  $\mu\text{g}/\text{kg}$  in the sample from DP22 slightly exceeds the 25 mg/kg Holloman AFB action level for benzene. No other VOCs were detected in the soil samples analyzed by the mobile laboratory during the Phase II RFI.

The offsite laboratory analyzed two of the DPT soil samples and the four soil samples collected during the installation of monitoring wells SS61-MW01 through SS61-MW04 for halogenated hydrocarbons and BTEX using EPA Methods 8010/8020. These results are provided in Table 5-1 and presented in Figure 5-1. Benzene (3.2  $\mu\text{g}/\text{kg}$ ) was detected in the 20 to 22 ft-bgs sample collected from the borehole MW02. The soil sample collected from the borehole MW03 at 18 to 20 ft bgs contained 446.4  $\mu\text{g}/\text{kg}$  of total BTEX and 37  $\mu\text{g}/\text{kg}$  of 1,2-DCA. No other VOCs were detected in any of the soil samples collected during the Phase II RFI.

### 5.2.3 Phase I RI Soil Sampling Results

During the RI field activities conducted in April 1999, 17 soil samples were collected to determine the source of contamination resulting from previous activities in the vicinity of SS-61.

Soil samples in three separate categories were collected and analyzed as follows:

- Seven subsurface soil samples, including one field duplicate, were collected from three DPT locations; these samples were analyzed offsite for VOCs using EPA SW-846 Methods 5035/8260B and TRPH using EPA Method 418.1
- Eight surface soil samples (0 to 0.5 ft bgs) (including one duplicate) and one sediment sample were collected and analyzed for VOCs using SW-846 Methods 5035/8260B and TRPH using EPA Method 418.1
- A test pit bgs excavated on the north side of the western vault and one soil sample was collected at a depth of 13 ft; this sample was analyzed for VOCs using SW-846 Methods 5035/8260B and TRPH using EPA Method 418.1.

The analytical results for the soil samples are provided in Table 5-2 and the distribution of contaminants in soil in the northern part of SS-61 is presented in Figure 5-1.

TRPH was detected in 11 of the 17 soil samples collected during the Phase I RI (including 1 field duplicate sample). Of the 11 soil samples containing TRPH, 6 samples were collected from surface soil and sediment in the vicinity of the concrete pad (Figure 5-1). Surface soil and sediment concentrations of TRPH ranged from 23 to 270 mg/kg, and the highest concentration of TRPH was detected in the sediment sample collected from the eastern concrete vault. TRPH was also detected in four subsurface soil samples and one field duplicate sample near the concrete pad and the fenced area north of Building 1072 (Figure 5-1). TRPH was detected in unsaturated soil at concentrations ranging from 54 to 99 mg/kg in four samples collected from the test pit and DP30. TRPH was detected in one subsurface sample and field duplicate collected from DP31, north of Building 1072. TRPH concentrations in soil samples collected during the RI do not exceed the Holloman AFB action level of 1,000 mg/kg.

VOCs were detected in only one sample collected from 16 to 18 ft bgs at DP30, and, like TRPH, are associated with contaminated groundwater. The VOCs detected in this soil sample are associated with gasoline hydrocarbons, and the only BTEX compound detected in this sample

was ethylbenzene (Figure 5-1). Benzene was not detected in any soil samples collected during the RI.

#### 5.2.4 Phase II RI Soil Sampling Results

A total of 40 soil samples was collected during the Phase II RI conducted in April and May 2000. The purpose of the investigation was to determine the nature and extent of fuel contamination in the soil and groundwater at SS-61. Whereas Phase I of the RI concentrated on the northern portion of SS-61, Phase II concentrated on the upgradient and crossgradient sources of the southern portion of the site.

Soil samples were collected using DPT. The primary sample areas included Building 1079, Building 1080, and the parking lot on the north side of Building 1079. Twenty borings were drilled and one to three samples were collected from each boring. The samples were analyzed for VOCs and TRPH using SW-846 Methods 5030/8260B and 9071/418.1, respectively. Analytical results for the soil samples are provided in Table 5-3. Figure 5-2 presents the distribution of TRPH and VOCs in soil samples collected during the Phase II RI.

TRPH was detected at four of the 20 DPT locations. TRPH was detected at DP39 and DP40 in the 1- to 2-ft interval at concentrations of 260 and 7,800 mg/kg, respectively. At DP41, TRPH was detected in the 8- to 9-ft interval at a concentration of 210 mg/kg. TRPH was also detected at DP44 in the 11- to 12-ft interval at a concentration of 46 mg/kg.

Several VOCs were detected in one sample collected at 21 to 22 ft bgs from DP43 and included the following (significant concentrations are noted): benzene (2,800 µg/kg), ethylbenzene, isopropylbenzene, n-propylbenzene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, and m-xylene. The sample was collected from groundwater-saturated soil at the capillary fringe. Isopropylbenzene was also detected at DP49 in the 15- to 16-ft interval at a concentration 1,100 µg/kg. Styrene occurred as an isolated detection at DP49 at 11.5 to 12.5 ft bgs and a concentration of 1,400 µg/kg.

## 5.3 GROUNDWATER

### 5.3.1 Phase I and Phase II RFI Groundwater Sampling and Monitoring Results

Phase I RFI groundwater samples were analyzed for VOCs by EPA Method 8260A and explosives by EPA Method 8330. Phase II RFI groundwater samples were analyzed for VOCs by EPA Methods 8010/8020. The VOC analytical list was shortened for Phase II because only BTEX constituents and 1,2-DCA were identified in the groundwater samples collected during Phase I. Because the holding time was exceeded for some of the Phase I explosives samples, 6 of the Phase II DPT points were also sampled for explosives analyses. Analytical results for groundwater samples collected during the Phase I and Phase II RFIs are presented in Table 5-4. Figure 5-3 shows the distribution of groundwater contaminants during the Phase I and Phase II RFIs.

#### *5.3.1.1 Phase I RFI Groundwater Results*

Ten groundwater samples were collected during Phase I. The analytical results for these samples (DP01 through DP10) are summarized in Table 5-4. Benzene was detected in groundwater samples collected from 7 of the 10 Phase I DPT locations. Benzene concentrations in the seven samples ranged from 80 micrograms per liter ( $\mu\text{g/L}$ ) to 7,200  $\mu\text{g/L}$  (Table 5-4). Ethylbenzene and total xylenes were detected in DP02 at concentrations of 890 and 13  $\mu\text{g/L}$ , respectively. Total xylenes were also detected in groundwater at DP03 (31  $\mu\text{g/L}$ ) and DP06 (18  $\mu\text{g/L}$ ). 1,2-DCA was detected in groundwater samples collected from DP05 (140  $\mu\text{g/L}$ ) and DP09A (18  $\mu\text{g/L}$ ). No other VOCs were detected in groundwater samples collected during Phase I. Analytical results indicated that no explosives constituents occurred above method reporting limits in any of the groundwater samples collected during Phase I.

#### *5.3.1.2 Phase II RFI Groundwater Results*

A total of 17 groundwater samples (including 2 duplicates) were obtained from 14 DPT points (DP11 through DP20 and DP22 through DP25 [DP21 was not installed]). Eleven DPT samples (DP11 [duplicate], DP12 [duplicate], DP16 through DP20, DP18 [duplicate], and DP23 through DP25) were analyzed onsite by the mobile laboratory for specific halogenated hydrocarbons and

BTEX using modified EPA Methods 8010/8020. Samples DP11 through DP15 and DP22 were analyzed offsite. One water sample (DP16) was also analyzed for gasoline, diesel, and oil using modified EPA Method 8015. These results are summarized in Table 5-4 and are also presented in previous reports (Foster Wheeler and GTI, 1997b; Foster Wheeler, 1999b).

BTEX constituents associated with gasoline hydrocarbons were detected in 14 of 17 DPT groundwater samples collected during Phase II including 2 duplicate samples. Benzene was detected in 14 groundwater samples, including 2 duplicate samples, and ranged in concentration from 2.8 to 8,640 µg/L. Ethylbenzene was detected at six DPT locations, ranging from 40 to 523 µg/L. Toluene was detected in four DPT groundwater samples, and ranged from 460 to 3,620 µg/L. Total xylenes concentrations were detected at eight locations, ranging from 4.9 to 3,800 µg/L.

VOCs not associated with gasoline hydrocarbons were detected in up to 12 DPT well point locations sampled during Phase II. 1,2-DCA was detected in 13 of the 17 Phase II groundwater DPT samples including 2 duplicate samples and ranged from 3.8 µg/L to 315 µg/L. TCE was the only other VOC detected in groundwater samples collected from DP15 (5.6 µg/L) and DP20 (14 µg/L).

The water sample from DP16 was also analyzed for gasoline, diesel, and oil by modified EPA Method 8015 to characterize the possible source of the contamination at SS-61. Only gasoline was detected in the sample from DP16, located north of the concrete pad and east of the fenced area at Building 1001 at a concentration of 41,000 µg/L (Foster Wheeler and GTI, 1997b).

The offsite laboratory analyzed groundwater samples from six of the DPT well points for explosives (Table 5-4). Explosives were detected only in the groundwater sample from DP22 where four compounds were detected at levels ranging from 1.6 to 35 µg/L.

Six groundwater samples (including one duplicate) were also obtained from five monitoring wells at the site (MW-29-05 and SS61-MW01 through SS61-MW04) and analyzed offsite for VOCs by EPA Methods 8010/8020. These results are summarized in Table 5-4. Benzene was detected in all wells except SS61-MW01 at concentrations ranging from 0.43 µg/L (SS61-MW02) to 11,000 µg/L (SS61-MW03). The maximum total BTEX concentration (19,165 µg/L)

was detected in SS61-MW03 northeast of the concrete pad. 1,2-DCA was also detected in all wells except SS61-MW01 at concentrations ranging from 1.8 µg/L (SS61-MW02) to 940 µg/L (SS61-MW03). TCE was detected in two wells. Other low concentrations of VOCs were detected in groundwater samples as presented in Table 5-4.

### 5.3.2 Phase I Remedial Investigation Groundwater Sampling Results

During the RI in April 1999, 24 groundwater samples (including 2 duplicates) were collected at 12 DPT locations and from 10 monitoring wells and analyzed for VOCs using SW-846 Method 8260B. The analytical results are summarized in Table 5-5 and a map showing the distribution of VOCs detected in groundwater is presented in Figure 5-4.

During the RI, VOCs were detected in groundwater samples collected from all 12 DPT locations and 8 monitoring wells. Based on the constituents detected and the extent of VOCs in groundwater, one source of contamination is a past release of gasoline-related hydrocarbons in the vicinity of the concrete pad. BTEX compounds were detected in groundwater across the site as far south as DP29 and downgradient of the concrete pad in groundwater sampled at MW-29-05. Benzene was the contaminant most frequently detected and occurred at the highest concentration of all of the BTEX constituents at levels ranging from 7 µg/L at SS61-MW02 to 19,000 µg/L at DP33. Toluene, ethylbenzene, and xylenes were also detected in groundwater at SS-61. Besides BTEX, other gasoline-related VOCs were detected in groundwater and include 1,2-dibromoethane, 1,2-dichlorobenzene, isopropylbenzene, n-propylbenzene, sec-butylbenzene, tert-butylbenzene, and trimethylbenzene isomers (Table 5-5). At SS61-MW05, where the highest BTEX concentrations were detected, an electronic probe was used to check for the presence of floating product, but none was found.

VOCs not related to gasoline were also detected in groundwater during the RI and include 1,2-DCA, TCE, and chloroform (Table 5-5). These VOCs are common solvents that exhibit a different pattern of distribution at the site. The source of this low-level groundwater contamination may be upgradient in the area of the hangars.

### 5.3.3 Phase II RI Groundwater Sampling Results

During the Phase II RI in April and May 2000, a total of 36 groundwater samples were collected at 20 DPT locations and from 16 monitoring wells. The analytical results are summarized in Table 5-6. Figure 5-5 presents the distribution of VOCs and JP-4 detected in groundwater samples collected at SS-61 and the surrounding area during the Phase II RI.

VOCs were detected in 9 groundwater samples collected from DPT locations and 11 samples collected from monitoring wells. The most commonly detected VOC was benzene, which was detected in 10 groundwater samples ranging in concentration from 0.86 to 13,000 µg/L.

Isopropylbenzene, which was detected in nine groundwater samples, ranging in concentration from 7.8 to 5,600 µg/L. Most of the DPT groundwater samples had sporadic detections of VOCs, with the exception of DP43 and DP49. Nine VOCs were detected in the groundwater at DP43, including benzene, ethylbenzene, isopropylbenzene, n-propylbenzene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, and m-xylene. The 10 VOCs detected at DP49 included benzene, sec-butylbenzene, tert-butylbenzene, ethylbenzene, isopropylbenzene, n-propylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, and m-xylene. In the southern portion of SS-61 benzene was detected in four samples collected from DP39 located south of building 1079, and DP43, DP49, and DP50, all located on the south side of DeZonia Drive, northwest of Building 1079.

The highest levels of VOCs in groundwater were detected in wells MW03, MW04, and MW06, which are all located north of DeZonia Drive in the vicinity of the concrete pad. Gasoline fuel-related VOCs detected in all three samples included benzene, ethylbenzene, isopropylbenzene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and m-xylene. 1,2-Dichlorobenzene and p-xylenes were also detected at MW03. Sec-butylbenzene, tert-butylbenzene, 1,2-dichlorobenzene, 2-hexanone, n-propylbenzene, styrene, and o-xylene were additional VOCs detected at MW04. Additional VOCs detected at MW06 included sec-butylbenzene, naphthalene, n-propylbenzene, and o-xylene.

VOCs consisting of chlorinated solvent, not related to gasoline, were detected at low levels at the site (chloroform, 1,1-dichloroethane, 1,2-DCA, and TCE). These chlorinated solvents were

detected in samples collected from DPT locations on the east side of SS-61 in the vicinity of the eastern hangar, Building 1080. None of these samples show contamination related to petroleum fuels.

JP-4 was detected in the groundwater at nine DPT locations. Concentrations ranged from 530 to 60,000  $\mu\text{g/L}$ . JP-4 contamination is concentrated around the area of Building 1079. JP-4 was detected in three samples collected from monitoring wells MW03, MW04, and MW06 in the vicinity of the concrete pad north of DeZonia Drive. Concentrations of JP-4 in these three wells ranged from 650 to 2,500  $\mu\text{g/L}$ .

#### 5.4 SUMMARY OF THE NATURE AND EXTENT OF CONTAMINATION

Results from soil sampling conducted during the Phase I and Phase II RFI field activities in 1996 and 1997 indicated detections of BTEX and 1,2-DCA. Most of these analytes were detected in samples collected directly above the water table (depths greater than 15 ft bgs), where groundwater contamination is interpreted to have entered the capillary fringe. The results of these previous investigations indicated possible soil contamination in the area of the concrete pad and a broad groundwater contaminant plume extending downgradient from the concrete pad, crossgradient to the east and northeast and possibly upgradient (Foster Wheeler and GTI, 1997b).

According to the interpretation of the chemical analytical results from the Phase I and Phase II RFIs and the results of the Phase I and Phase II RIs, a contaminant release occurred in the vicinity of the concrete pad. The location of this past release is best shown by groundwater BTEX concentrations during the Phase I RI (Figure 5-6), since no significant remnant soil contamination was detected. The results also indicated additional upgradient releases of groundwater contamination in the area south of DeZonia Drive. These upgradient releases were suspected because partial delineation of the groundwater contaminant plume during the Phase I RI showed that the plume extends both crossgradient and upgradient from the concrete pad (Figure 5-6).

The geophysical survey conducted during the Phase I RI also indicated that the underground piping from the former ASTs led not only to the concrete pad, but also south toward an area where the two hangars are located (Buildings 1079 and 1080). Based on the findings during the

Phase I RI, a Phase II RI was conducted in April and May 2000 and concentrated on investigating the southern portion of SS-61. Samples collected during the Phase II RI indicated that contamination exists in the southern portion of SS-61. Currently, groundwater contamination extends about 100 ft south of Building 1079 to the north toward LF-29 and encompasses the area occupied by the two hangars (Figure 5-7).

Groundwater samples collected upgradient directly south and southwest of the concrete pad contained gasoline-related constituents resulting from past spills or leaks from underground pipes in the vicinity of SS-61. MW10 is the southernmost location where gasoline-related constituents were detected; these detections are likely the result of a past release from an oil/water separator formerly located at the southeast corner of Building 1079. If these releases accumulated at the watertable as free product, they would be observed as light nonaqueous phase liquid (LNAPL). LNAPL was not observed during any of the sampling activities at SS-61 during the Phase II RI.

Soil action levels applicable to Holloman AFB include standards for petroleum hydrocarbons (1,000 mg/kg) and benzene (25 mg/kg). Benzene was detected in four samples during previous investigations. One of those samples, collected during the Phase II RFI from DP22 at 11 to 12 ft bgs, exceeded the standard with a concentration of 29,400  $\mu\text{g}/\text{kg}$ , just above the action level. Benzene was detected in one soil sample collected during the Phase II RI at a concentration less than the action level. Petroleum hydrocarbons were detected in soil at SS-61 at levels less than 1,000 mg/kg. Only one soil sample collected during the Phase II RI exceeded the petroleum hydrocarbon action level. TRPH was detected at a concentration of 7,800 mg/kg at DP40 in the sample collected from 1 to 2 ft. This isolated occurrence of petroleum is likely the result of a previous surface spill in the area. Surface petroleum contamination was not visible in the area surrounding DP40.

Since groundwater at SS-61 contains TDS exceeding 10,000 mg/L, similar to TDS concentrations measured across the base, state groundwater quality standards do not apply. However, any continuing source of groundwater contamination, if present, must be removed. No significant vadose zone soil contamination was detected in any of the three previous investigations that could be a continuing source of groundwater contamination. All elevated concentrations of contaminants occurred in samples collected from the capillary fringe,

immediately above the water table. Measurable LNAPL has not been observed at SS-61 during the RI or in monitoring wells sampled downgradient of the site. Groundwater contaminant concentrations in each monitoring well are generally similar between the RFI Phase II and RI Phase I sampling events.

The original Phase I RI field program included nine DPT groundwater locations and two upgradient monitoring wells to the southeast of the concrete pad to confirm the presence of an upgradient source. During the Phase I RI field program, three additional DPT groundwater locations were added in the area of the two hangars. Two of the samples were collected downgradient from the hangars, and the third was collected upgradient from the hangars at the edge of the aircraft taxiway. These additional groundwater samples contained low levels of VOCs.

During the Phase II RI field investigation, contamination in the southern portion of SS-61 was investigated. Of the 36 groundwater samples collected, 10 samples had detections of benzene ranging from 0.86 to 60,000 µg/L. Only one soil sample contained benzene. VOCs were only detected in the soil at two sample locations. Nineteen groundwater samples contained low levels of various VOCs.

As described in Section 5.3, groundwater contaminants in the northern and southern portions of SS-61 differ to the extent of that BTEX-related fuel products predominant in groundwater to the north and jet fuel-related constituents detected in groundwater to the south. A comparison of DPT groundwater data collected at locations where monitoring wells were subsequently installed indicated that DPT groundwater samples contain higher concentrations of JP-4 and BTEX. This difference likely occurs because DPT groundwater sampling procedures are not comparable to the presample purging required for development and sampling of monitoring wells. DPT groundwater samples represent a less-disturbed, or stagnant, aliquot that is probably more influenced by contaminants contained within the capillary fringe, which slowly leach to groundwater and remain localized. Chlorinated solvents in groundwater occur sporadically in the western and eastern edges of the site and are most likely the result of minor releases of cleaning fluids during past maintenance operations at both hangars.

Table 5-1. Analytical Results for Soil Detections, Phases I and II RFI Site Characterization (1996 and 1997)

Location	Depth Interval (ft)	VOC (µg/kg)					Explosives (µg/kg)		
		Benzene	1,2-Dichloroethane	Ethylbenzene	Toluene	Total Xylenes	Methylene Chloride	Tetryl	Trinitrotoluene
<b>On-Site Mobile Laboratory Analyses</b>									
<b>Phase I</b>									
SS61-DP01	9-12	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP01	15-18	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP01	18-21	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP02	9-12	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP02	15-18	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP02	18-21	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP03	9-12	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP03	15-18	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP03	18-21	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP04	9-12	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP04	15-18	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP04	24-27	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP05	9-12	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP05	15-18	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP05	18-21	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP06	6-9	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP06	12-15	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP06	18-21	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP07	9-12	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP07	15-18	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP07	18-21	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP08	9-12	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP08	15-18	ND	ND	ND	ND	ND	ND	1,000	1,000
SS61-DP08	21-24	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP09A	18-21	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP09A	21-24	ND	ND	ND	ND	ND	13,000	ND	ND
SS61-DP09A	24-27	ND	ND	ND	ND	ND	17,000	ND	ND
SS61-DP10	18-21	ND	ND	ND	ND	ND	10,000	ND	ND
SS61-DP10	21-24	ND	ND	ND	ND	ND	15,000	ND	ND
SS61-DP10	24-27	ND	ND	ND	ND	ND	17,000	ND	ND
<b>Phase II</b>									
SS61-DP11	16-19	ND	ND	ND	ND	ND	ND	NR	NR
SS61-DP11 (dup)	16-19	ND	ND	ND	ND	ND	ND	NR	NR
SS61-DP12	16-19	ND	ND	ND	ND	ND	ND	NR	NR
SS61-DP15	18-21	ND	ND	ND	ND	ND	ND	NR	NR
SS61-DP16	12-15	ND	ND	ND	ND	ND	ND	NR	NR
SS61-DP17	14-17	ND	ND	ND	ND	ND	ND	NR	NR
SS61-DP18	19-22	ND	ND	ND	ND	ND	ND	NR	NR
SS61-DP18 (dup)	19-22	ND	ND	ND	ND	ND	ND	NR	NR
SS61-DP22	11-12	29,400	ND	6,540	ND	2,030	ND	NR	NR
SS61-DP23	17-20	360	ND	ND	ND	70	ND	NR	NR
SS61-DP24	17-20	ND	ND	ND	ND	ND	ND	NR	NR

**Table 5-1. Analytical Results for Soil Detections, Phases I and II RFI Site Characterization (1996 and 1997)**

Location	Depth Interval (ft)	VOC (µg/kg)						Explosives (µg/kg)	
		Benzene	1,2-Dichloroethane	Ethylbenzene	Toluene	Total Xylenes	Methylene Chloride	Tetryl	Trinitrotoluene
<b>Off-Site Fixed Laboratory Analyses</b>									
SS61-DP11	16-19	ND	ND	ND	ND	ND	ND	NR	NR
SS61-DP18	19-22	ND	ND	ND	ND	ND	ND	NR	NR
SS61-MW01	30-32	ND	ND	ND	ND	ND	ND	NR	NR
SS61-MW02	20-22	3.2	ND	ND	ND	ND	ND	NR	NR
SS61-MW03	18-20	330	37	7.4	24	85	ND	NR	NR
SS61-MW04	15-17	ND	ND	ND	ND	ND	ND	NR	NR

Notes:

ft - feet

mg/kg - Milligrams per kilogram

NR - Analysis not requested

ND - Analyte detected or reported at less than the detection limit

VOC - Volatile organic compound

Table 5-2. Analytical Results for Soil Detections, Phase I Remedial Investigation

Location	Depth Interval (ft)	TRPH (mg/kg)	VOCs (µg/kg)																
			Benzene	sec-Butylbenzene	tert-Butylbenzene	Chloroform	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	n-Propylbenzene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	o-Xylene	m,p-Xylenes	
SS61-DP30	0-0.5t	61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP30	8-10	54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP30	16-18	99	ND	ND	ND	ND	ND	ND	ND	630	1,700	760	ND	ND	12,000	10,000	ND	ND	
SS61-DP31	4-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP31	14-16	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP32	3-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP32	12-14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-SS01	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-SS02	0-0.5	23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-SS03	0-0.5	93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-SS04	0-0.5	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-SS05	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-SS06	0-0.5	51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-SD01	0-0.5	270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-TP01	13-13.5	91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-SS01(dup)	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP31(dup)	4-6	31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

ft - feet

mg/kg - milligrams per kilogram

ND - Analyte detected or reported at less than the detection limit

TRPH - total recoverable petroleum hydrocarbons

VOC - volatile organic compound

µg/kg - micrograms per kilogram

Table 5-3. Summary of Analytical Results for Soil Detections, Phase II Remedial Investigation

Location	Depth Interval (ft)	TRPH (mg/kg)	VOCs (µg/kg)									
			Benzene	Ethyl-benzene	Isopropyl-benzene	n-Propyl-benzene	Styrene	Toluene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	o-Xylene	m-Xylenes
DPT Soil Samples												
SS61-DP38	5 - 6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP38	10 - 11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP39	1 - 2	260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP39	10 - 11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP39	16 - 17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP40	1 - 2	7,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP40	5 - 6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP40	8.5 - 9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP41	3 - 4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP41	8 - 9	210	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP42	6 - 7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP42	9 - 10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP43	1 - 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP43	17 - 18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP43	21 - 22	ND	2,800	7,400	17,000	1,400	ND	21,000	13,000	6,200	14,000	34,000
SS61-DP44	1 - 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP44	7 - 8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP44	11 - 12	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP45	1 - 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP45	9 - 10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP45	12 - 13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP46	1 - 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP46	5 - 6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP46	9 - 10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP47	8 - 9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP47	11 - 12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP48	11 - 12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP49	1 - 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP49	11.5 - 12.5	ND	ND	ND	ND	ND	1,400	ND	ND	ND	ND	ND
SS61-DP49	15 - 16	ND	ND	ND	1,100	ND	ND	ND	ND	ND	ND	ND
SS61-DP50	1 - 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP50	10 - 11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP50	15 - 16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP51	14 - 15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP52	15 - 16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP53	15 - 16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP54	14 - 15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP55	12 - 13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP56	15 - 16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP57	11 - 12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

DPT - Direct push technology  
ft - Feet

mg/kg - Milligrams per kilogram  
ND - Not detected

TRPH - Total recoverable petroleum hydrocarbons  
VOCs - Volatile organic compounds

µg/kg - Micrograms per kilogram

Table 5-4. Analytical Results for Groundwater Detections, Phases I and II RFI Site Characterization (1996 and 1997)

Location	VOCs (µg/L)							
	Benzene	Bromoform	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Dibromomethane	1,2-Dichlorobenzene
<b>On-Site Mobile Laboratory Analyses</b>								
<b>Phase I</b>								
SS61-DP01	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP02	7,200	ND	ND	ND	ND	ND	ND	ND
SS61-DP03	3,400	ND	ND	ND	ND	ND	ND	ND
SS61-DP04	96	ND	ND	ND	ND	ND	ND	ND
SS61-DP05	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP06	6,000	ND	ND	ND	ND	ND	ND	ND
SS61-DP07	1,900	ND	ND	ND	ND	ND	ND	ND
SS61-DP08	570	ND	ND	ND	ND	ND	ND	ND
SS61-DP09	80	ND	ND	ND	ND	ND	ND	ND
SS61-DP10	ND	ND	ND	ND	ND	ND	ND	ND
<b>Phase II</b>								
SS61-DP11 (dup)	10.1	ND	ND	ND	ND	ND	ND	ND
SS61-DP12 (dup)	2,200	ND	ND	ND	ND	ND	ND	ND
SS61-DP16	4,080	ND	ND	ND	ND	ND	ND	ND
SS61-DP17	3,900	ND	ND	ND	ND	ND	ND	ND
SS61-DP18	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP18 (dup)	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP19	922	ND	ND	ND	ND	ND	ND	ND
SS61-DP20	59	ND	ND	ND	ND	ND	ND	ND
SS61-DP23	640	ND	ND	ND	ND	ND	ND	ND
SS61-DP24	5,100	ND	ND	ND	ND	ND	ND	ND
SS61-DP25	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-05	46	ND	0.65	ND	0.26	ND	0.3	ND
SS61-MW01	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW02	0.43	ND	ND	ND	2.5	0.22	ND	5.3
SS61-MW03	11,000	1.6	ND	5.4	3.6	ND	6.8	ND
SS61-MW04	2.9	ND	ND	ND	0.52	0.2	ND	ND
SS61-MW04 (Dup)	2.2	ND	ND	ND	0.29	ND	ND	ND
<b>Off-Site Fixed Laboratory Analyses</b>								
SS61-DP11	7.9	ND	ND	ND	ND	ND	ND	ND
SS61-DP12	1,900	ND	ND	ND	ND	ND	ND	ND
SS61-DP13	704	ND	ND	ND	ND	ND	ND	ND
SS61-DP14	1,420	ND	ND	ND	ND	ND	ND	ND
SS61-DP15	2.8	ND	ND	ND	ND	ND	ND	ND
SS61-DP22	8,640	ND	ND	ND	ND	ND	ND	ND

Note: The sample collected at SS61-DP16 was also analyzed for gasoline, diesel, and oil

ND - Analyte detected or reported at less than the detection limit

VOC - Volatile organic compound

µg/L - Micrograms per liter

Table 5-4. Analytical Results for Groundwater Detections, Phases I and II RFI Site Characterization (1996 and 1997)

Location	VOCs (µg/L)							
	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene
On-Site Mobile Laboratory Analyses								
Phase I								
SS61-DP01	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP02	ND	ND	ND	ND	ND	ND	ND	890
SS61-DP03	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP04	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP05	ND	ND	ND	140	ND	ND	ND	ND
SS61-DP06	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP07	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP08	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP09	ND	ND	ND	18	ND	ND	ND	ND
SS61-DP10	ND	ND	ND	ND	ND	ND	ND	ND
Phase II								
SS61-DP11 (dup)	ND	ND	ND	104	ND	ND	ND	ND
SS61-DP12 (dup)	ND	ND	ND	102	ND	ND	ND	ND
SS61-DP16	ND	ND	ND	178	ND	ND	ND	308
SS61-DP17	ND	ND	ND	315	ND	ND	ND	40
SS61-DP18	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP18 (dup)	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP19	ND	ND	ND	13.1	ND	ND	ND	336
SS61-DP20	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP23	ND	ND	ND	21	ND	ND	ND	140
SS61-DP24	ND	ND	ND	288	ND	ND	ND	230
SS61-DP25	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-05	ND	ND	ND	210	0.4	0.27	0.22	0.76
SS61-MW01	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW02	1.9	1.2	1.1	1.8	ND	ND	ND	ND
SS61-MW03	ND	ND	ND	940	1.6	ND	ND	65
SS61-MW04	ND	ND	ND	3.8	ND	ND	ND	0.53
SS61-MW04 (Dup)	ND	ND	ND	3.4	ND	ND	ND	ND
Off-Site Fixed Laboratory Analyses								
SS61-DP11	ND	ND	ND	87	ND	ND	ND	ND
SS61-DP12	ND	ND	ND	118	ND	ND	ND	ND
SS61-DP13	ND	ND	ND	47	ND	ND	ND	ND
SS61-DP14	ND	ND	ND	60	ND	ND	ND	ND
SS61-DP15	ND	ND	ND	3.8	ND	ND	ND	ND
SS61-DP22	ND	ND	ND	310	ND	ND	ND	523

Note: The sample collected at SS61-DP1

ND - Analyte detected or reported at less

VOC - Volatile organic compound

µg/L - Micrograms per liter

Table 5-4. Analytical Results for Groundwater Detections, Phases I and II RFI Site Characterization (1996 and 1997)

Location	VOCs (ug/L)			Explosives (ug/L)			
	Toluene	Total Xylenes	Trichloroethene	Nitrobenzene	RDX	Tetryl	1,3,5-Trinitrobenzene
<b>On-Site Mobile Laboratory Analyses</b>							
<b>Phase I</b>							
SS61-DP01	ND	ND	ND	ND	ND	ND	ND
SS61-DP02	ND	13	ND	ND	ND	ND	ND
SS61-DP03	ND	31	ND	ND	ND	ND	ND
SS61-DP04	ND	ND	ND	ND	ND	ND	ND
SS61-DP05	ND	ND	ND	ND	ND	ND	ND
SS61-DP06	ND	18	ND	ND	ND	ND	ND
SS61-DP07	ND	ND	ND	ND	ND	ND	ND
SS61-DP08	ND	ND	ND	ND	ND	ND	ND
SS61-DP09	ND	ND	ND	ND	ND	ND	ND
SS61-DP10	ND	ND	ND	ND	ND	ND	ND
<b>Phase II</b>							
SS61-DP11 (dup)	ND	ND	ND	ND	ND	ND	ND
SS61-DP12 (dup)	ND	ND	ND	ND	ND	ND	ND
SS61-DP16	2,600	2,400	ND	ND	ND	ND	ND
SS61-DP17	ND	17	ND	ND	ND	ND	ND
SS61-DP18	ND	ND	ND	ND	ND	ND	ND
SS61-DP18 (dup)	ND	ND	ND	ND	ND	ND	ND
SS61-DP19	ND	6	ND	ND	ND	ND	ND
SS61-DP20	ND	ND	14	ND	ND	ND	ND
SS61-DP23	460	940	ND	ND	ND	ND	ND
SS61-DP24	1,030	3,800	ND	ND	ND	ND	ND
SS61-DP25	ND	ND	ND	ND	ND	ND	ND
MW-29-05	0.81	0.89	ND	ND	ND	ND	ND
SS61-MW01	ND	ND	ND	ND	ND	ND	ND
SS61-MW02	ND	ND	45	ND	ND	ND	ND
SS61-MW03	2,300	5,800	1.8	ND	ND	ND	ND
SS61-MW04	ND	2.32	ND	ND	ND	ND	ND
SS61-MW04 (Dup)	ND	3.2	ND	ND	ND	ND	ND
<b>Off-Site Fixed Laboratory Analyses</b>							
SS61-DP11	ND	ND	ND	ND	ND	ND	ND
SS61-DP12	ND	ND	ND	ND	ND	ND	ND
SS61-DP13	ND	4.9	ND	ND	ND	ND	ND
SS61-DP14	ND	30	ND	ND	ND	ND	ND
SS61-DP15	ND	ND	5.6	ND	ND	ND	ND
SS61-DP22	3,620	1,140	ND	7.4	35	1.6	13

Note: The sample collected at SS61-DP1

ND - Analyte detected or reported at less

VOC - Volatile organic compound

ug/L - Micrograms per liter

Table 5-5. Analytical Results for Groundwater Detections in the Phase I Remedial Investigation

Location	Detected VOC Concentrations (µg/L)															
	Benzene	sec-Butylbenzene	tert-Butylbenzene	Chloroform	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	n-Propylbenzene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	o-Xylene	m,p-Xylenes
SS61-DP26	2,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP27	6,900	ND	ND	ND	ND	ND	ND	ND	1,700	ND	2,000	ND	ND	ND	1,500	2,400
SS61-DP28	440	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	3	5
SS61-DP29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	ND
SS61-DP30	15,000	ND	ND	ND	1,400	ND	ND	1,700	5,400	ND	20,000	ND	1,100	ND	3,100	7,400
SS61-DP31	8,700	ND	ND	ND	ND	ND	ND	670	1,400	ND	960	ND	ND	ND	640	1,100
SS61-DP32	18,000	28	ND	ND	49	ND	ND	1,100	3,300	53	1,200	ND	ND	ND	530	1,400
SS61-DP33	19,000	ND	ND	ND	110	ND	ND	750	650	27	14,000	ND	ND	ND	1,600	3,300
SS61-DP34	8,100	ND	ND	ND	ND	ND	ND	1,400	2,700	ND	600	ND	1,600	940	2,200	5,100
SS61-DP35	89	11	6	ND	ND	ND	ND	290	1,900	94	3	ND	ND	ND	9	ND
SS61-DP36	ND	ND	ND	ND	ND	ND	ND	ND	8	ND	ND	16	ND	ND	ND	ND
SS61-DP37	ND	ND	ND	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW02	7	ND	ND	ND	ND	9	ND	3	ND	ND	ND	34	ND	ND	ND	ND
SS61-MW03	8,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	900	ND	ND	ND	770	1,200
SS61-MW04	ND	ND	ND	ND	ND	ND	ND	ND	94	ND	ND	ND	24	12	5	13
SS61-MW05	ND	ND	ND	ND	ND	ND	ND	3	66	ND	ND	ND	ND	ND	ND	ND
SS61-MW06	14,000	ND	ND	ND	ND	ND	ND	1,300	2,600	ND	6,800	ND	1,400	ND	3,300	7,800
MW-29-02	ND	ND	ND	ND	ND	ND	27	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-03	ND	ND	ND	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-05	440	ND	ND	ND	ND	ND	190	ND	640	ND	ND	ND	ND	ND	ND	ND
MW-29-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW04D	ND	ND	ND	ND	ND	ND	ND	ND	160	ND	ND	ND	41	21	8	23
SS61DP31WD	14,000	ND	ND	ND	ND	ND	ND	1,900	3,400	ND	1,900	ND	1,100	ND	1,800	3,300

Notes:

µg/L - micrograms per liter

ND - Analyte detected or reported at less than the detection limit

VOC - Volatile organic compound

Table 5-6. Analytical Results for Groundwater Detections, Phase II Remedial Investigation

Location	TPH	VOCs (µg/L)									
	JP-4 (µg/L)	Benzene	Chloroform	sec-Butyl-benzene	tert-Butyl-benzene	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,1-Dichloroethane	Ethylbenzene	2-Hexanone
<b>DPT Groundwater Samples</b>											
SS61-DP38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP39	5,600 J	8,900	ND	ND	85	ND	ND	ND	ND	ND	ND
SS61-DP40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP42	1,100 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP43	60,000	9,100	ND	ND	ND	ND	ND	ND	ND	940	ND
SS61-DP44	3,400 J	ND	ND	ND	7.3	ND	ND	ND	ND	ND	ND
SS61-DP45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP46	530 J	ND	ND	ND	ND	ND	6.2	ND	ND	ND	ND
SS61-DP47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP49	3,600	200 J	ND	15 J	8 J	ND	ND	ND	ND	3,700 J	ND
SS61-DP50	860 J	270 J	ND	ND	6.9 J	ND	ND	ND	ND	ND	ND
SS61-DP51	760 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP54	840	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP56	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND
SS61-DP57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>Monitoring Well Samples</b>											
SS61-MW01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW02	ND	0.86	0.63	ND	ND	ND	5.6	ND	ND	ND	ND
SS61-MW03	1,400 J	7,300 J	ND	ND	ND	18 J	160 J	ND	ND	22 J	ND
SS61-MW04	650	1,100 J	ND	10 J	5.7 J	ND	49 J	ND	ND	5.5 J	16 J
SS61-MW05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW06	2,500 J	13,000 J	ND	14 J	ND	ND	ND	ND	ND	720 J	ND
SS61-MW07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW08	ND	3.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW09	ND	ND	0.54	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW11	ND	ND	2.6 J	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-02	ND	ND	1.3	ND	ND	ND	ND	22	ND	ND	ND
MW-29-03	ND	ND	6	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-05	ND	79	ND	3.5	2.2	ND	ND	160	ND	ND	ND
MW-29-06	ND	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND

Notes:

DPT - Direct push technology

TPH - Total petroleum hydrocarbons

µg/L - Micrograms per liter

ND - Not detected above the reporting limit

VOCs - Volatile organic compounds

Table 5-6. Analytical Results for Groundwater Detections, Phase II Remedial Investigation

Location	VOCs (µg/L)										
	Isopropyl-benzene	Naph-thalene	n-Propyl-benzene	Styrene	Toluene	Trichloro-ethene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	o-Xylene	m-Xylene	p-Xylene
<b>DPT Groundwater Samples</b>											
SS61-DP38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP39	620	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP43	4,400	ND	170	ND	7,900	ND	560	200	2,700	5,300	ND
SS61-DP44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP45	96	ND	5.1	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP47	ND	ND	ND	ND	ND	6.3	ND	ND	ND	ND	ND
SS61-DP48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP49	5,600 J	ND	170 J	ND	ND	ND	910 J	370 J	190 J	1,200 J	ND
SS61-DP50	7.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-DP56	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND
SS61-DP57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>Monitoring Well Samples</b>											
SS61-MW01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW02	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND
SS61-MW03	270 J	ND	ND	ND	400 J	ND	71 J	35 J	ND	610 J	760 J
SS61-MW04	810 J	ND	14 J	6.4 J	91 J	ND	85 J	24 J	160 J	240 J	ND
SS61-MW05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW06	1,600 J	5.9 J	58 J	ND	600 J	ND	740 J	170 J	1,600 J	2,000 J	2 J
SS61-MW07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SS61-MW12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-05	400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-29-06	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND

DPT - Direct push technology

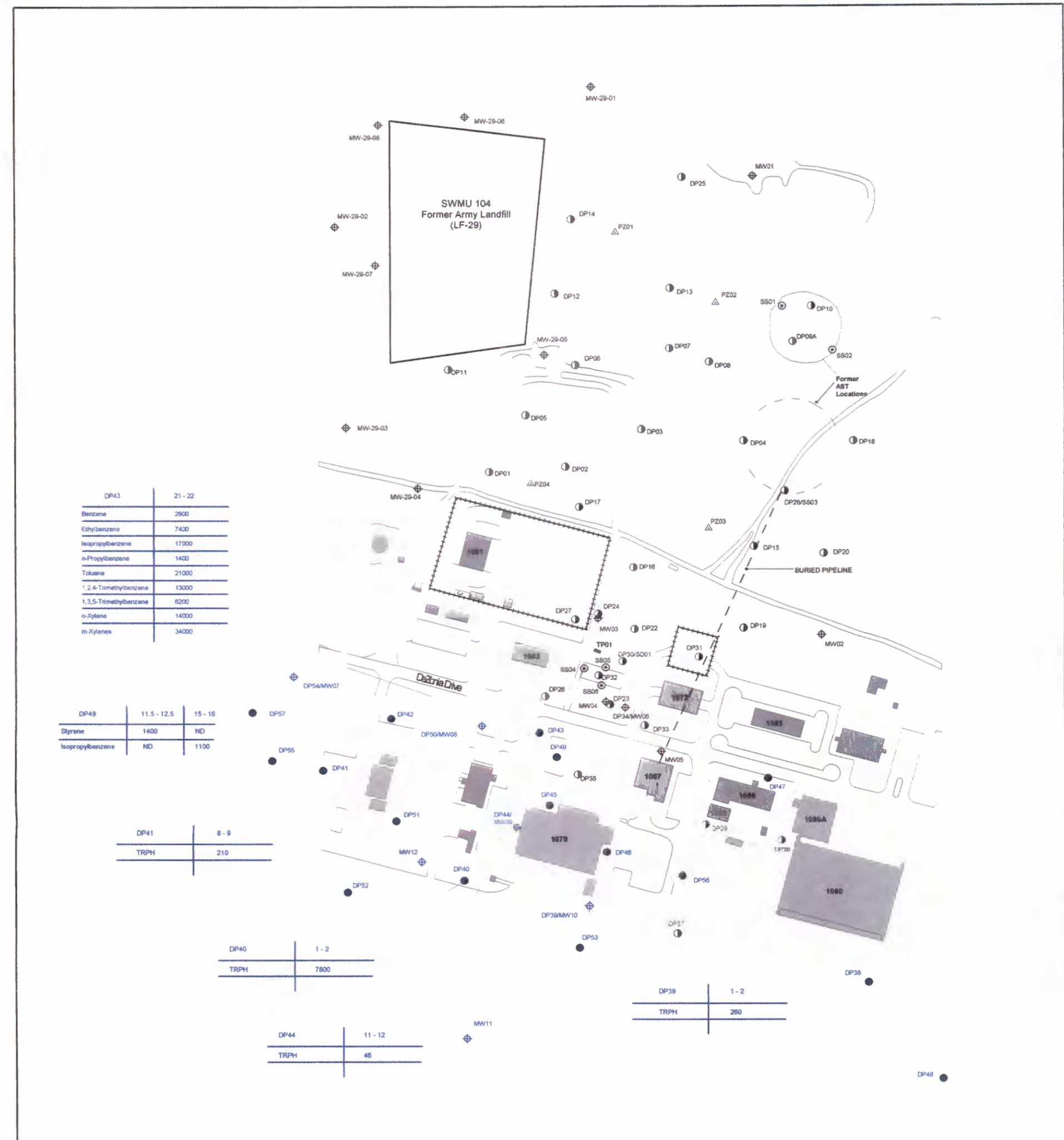
TPH - Total petroleum hydrocarbons

ug/L - Micrograms per liter

ND - Not detected

VOCs - Volatile organic compounds





Sample Location

SS02  
TRPH 23



1 inch = 250 ft

Analyte Analyte concentration

- △ Piezometers
- ⊕ Phase II Monitoring Wells
- ⊕ Existing Monitoring Wells
- Phase II Direct Push Samples
- Previous Direct Push Samples
- ⊙ Surface Soil and Sediment Samples
- Buildings
- Roads
- +++++ Fenceline

Notes:  
Analyte concentration for VOCs are presented in micrograms per kilogram (ug/kg). TRPH concentrations are presented in milligrams per kilogram (mg/kg).  
All groundwater samples were collected from the upper portion (less than 10 feet) of the shallow water-bearing zone  
ND - Analyte not detected



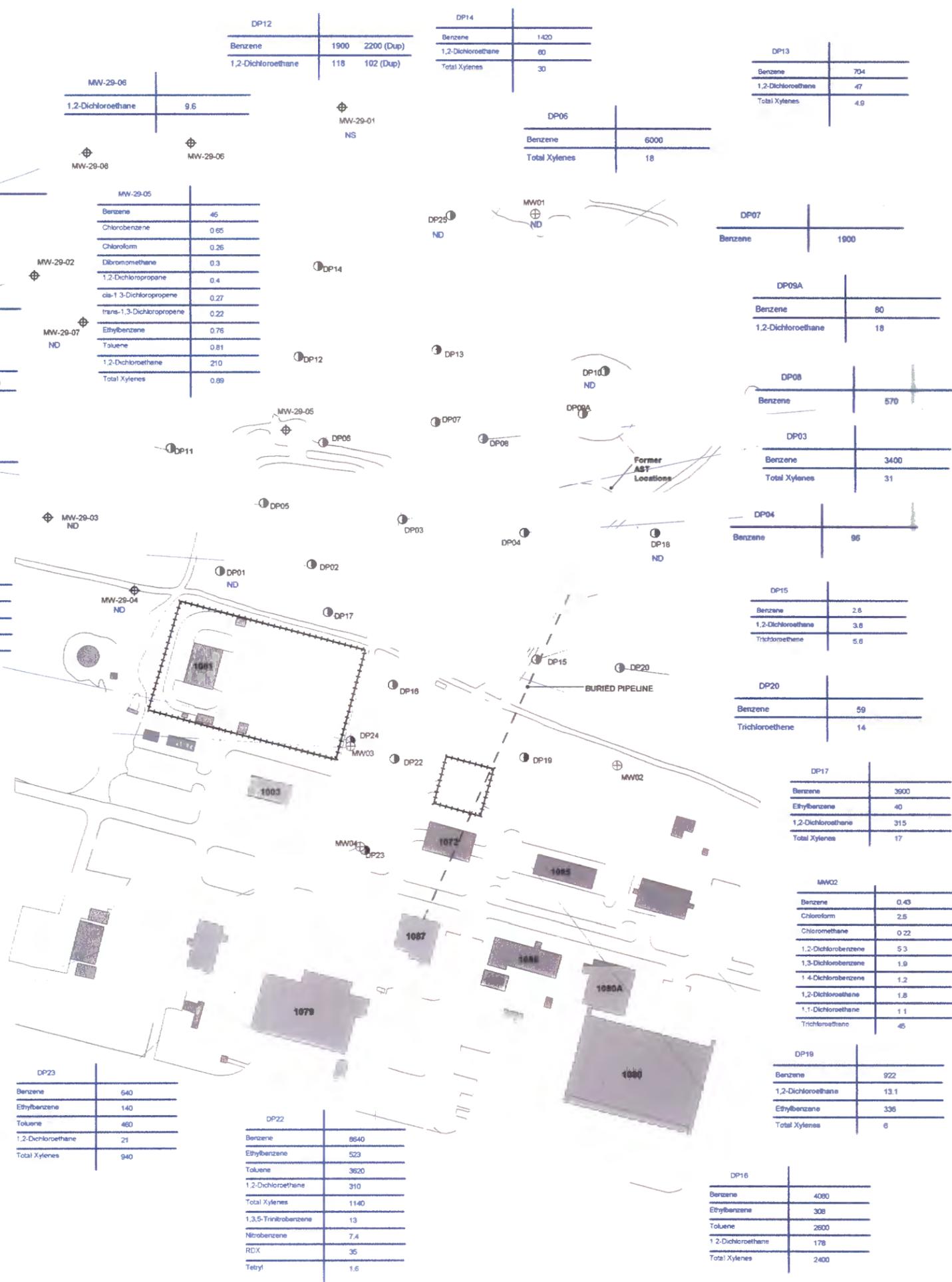
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Holloman Air Force Base, New Mexico  
U.S. Army Corps of Engineers, Omaha District

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**Figure 5-2**  
Distribution of Analytes Detected in Soil During the Phase II RI

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 **Foster Wheeler Environmental Corporation**



DP12		
Benzene	1900	2200 (Dup)
1,2-Dichloroethane	118	102 (Dup)

DP14	
Benzene	1400
1,2-Dichloroethane	80
Total Xylenes	30

DP13	
Benzene	704
1,2-Dichloroethane	47
Total Xylenes	4.9

MW-29-06	
1,2-Dichloroethane	9.6

DP05	
Benzene	6000
Total Xylenes	18

MW-29-08	
1,2-Dichloroethane	8.7

MW-29-05	
Benzene	46
Chlorobenzene	0.65
Chloroform	0.26
Dibromomethane	0.3
1,2-Dichloropropane	0.4
cis-1,3-Dichloropropane	0.27
trans-1,3-Dichloropropane	0.22
Ethylbenzene	0.76
Toluene	0.81
1,2-Dichloroethane	210
Total Xylenes	0.89

DP07	
Benzene	1900

MW-29-02	
1,2-Dichloroethane	9.3

DP11		
Benzene	7.9	10.1 (Dup)
1,2-Dichloroethane	87	104 (Dup)

DP05	
1,2-Dichloroethane	140

DP02	
Benzene	7200
Ethylbenzene	880
Total Xylenes	13

DP24	
Benzene	5100
Ethylbenzene	230
Toluene	1030
1,2-Dichloroethane	298
Total Xylenes	3800

MW03	
Benzene	11000
Bromoform	1.6
Chloroethane	5.4
Chloroform	3.6
Dibromomethane	6.8
Ethylbenzene	65
Toluene	2300
Trichloroethene	1.8
1,2-Dichloroethane	940
1,2-Dichloropropane	1.6
Total Xylenes	5800

MW04		
Benzene	2.9	2.2 (Dup)
Ethylbenzene	0.53	ND (Dup)
1,2-Dichloroethane	3.8	3.4 (Dup)
Total Xylenes	2.32	3.2 (Dup)
Chloroform	0.52	0.29 (Dup)
Chloromethane	0.2	ND (Dup)

DP23	
Benzene	640
Ethylbenzene	140
Toluene	460
1,2-Dichloroethane	21
Total Xylenes	940

DP22	
Benzene	8540
Ethylbenzene	523
Toluene	3620
1,2-Dichloroethane	310
Total Xylenes	1140
1,3,5-Trinitrobenzene	13
Nitrobenzene	7.4
RDX	35
Tetryl	1.6

DP09A	
Benzene	80
1,2-Dichloroethane	18

DP08	
Benzene	570

DP03	
Benzene	3400
Total Xylenes	31

DP04	
Benzene	96

DP15	
Benzene	2.5
1,2-Dichloroethane	3.8
Trichloroethene	5.6

DP20	
Benzene	59
Trichloroethene	14

DP17	
Benzene	3000
Ethylbenzene	40
1,2-Dichloroethane	315
Total Xylenes	17

MW02	
Benzene	0.43
Chloroform	2.5
Chloromethane	0.22
1,2-Dichlorobenzene	5.3
1,3-Dichlorobenzene	1.9
1,4-Dichlorobenzene	1.2
1,2-Dichloroethane	1.8
1,1-Dichloroethane	1.1
Trichloroethene	45

DP18	
Benzene	922
1,2-Dichloroethane	13.1
Ethylbenzene	336
Total Xylenes	6

DP16	
Benzene	4090
Ethylbenzene	308
Toluene	2600
1,2-Dichloroethane	178
Total Xylenes	2400

Sample Location

SS02  
TRPH 23

250 0 250 500 Feet

1 inch = 250 ft

Analyte Analyte concentration

LEGEND

- △ Piezometers
- +++++ Fenceline
- ⊕ SS-61 Monitoring Wells
- ⊕ LF-29 Monitoring Wells
- Direct Push Samples
- Buildings
- Roads

Notes:

Analyte concentrations are presented in micrograms per liter (ug/L).  
 All groundwater samples were collected from the upper portion (less than 10 feet) of the shallow water-bearing zone  
 ND - Analyte not detected  
 NS - Location not sampled

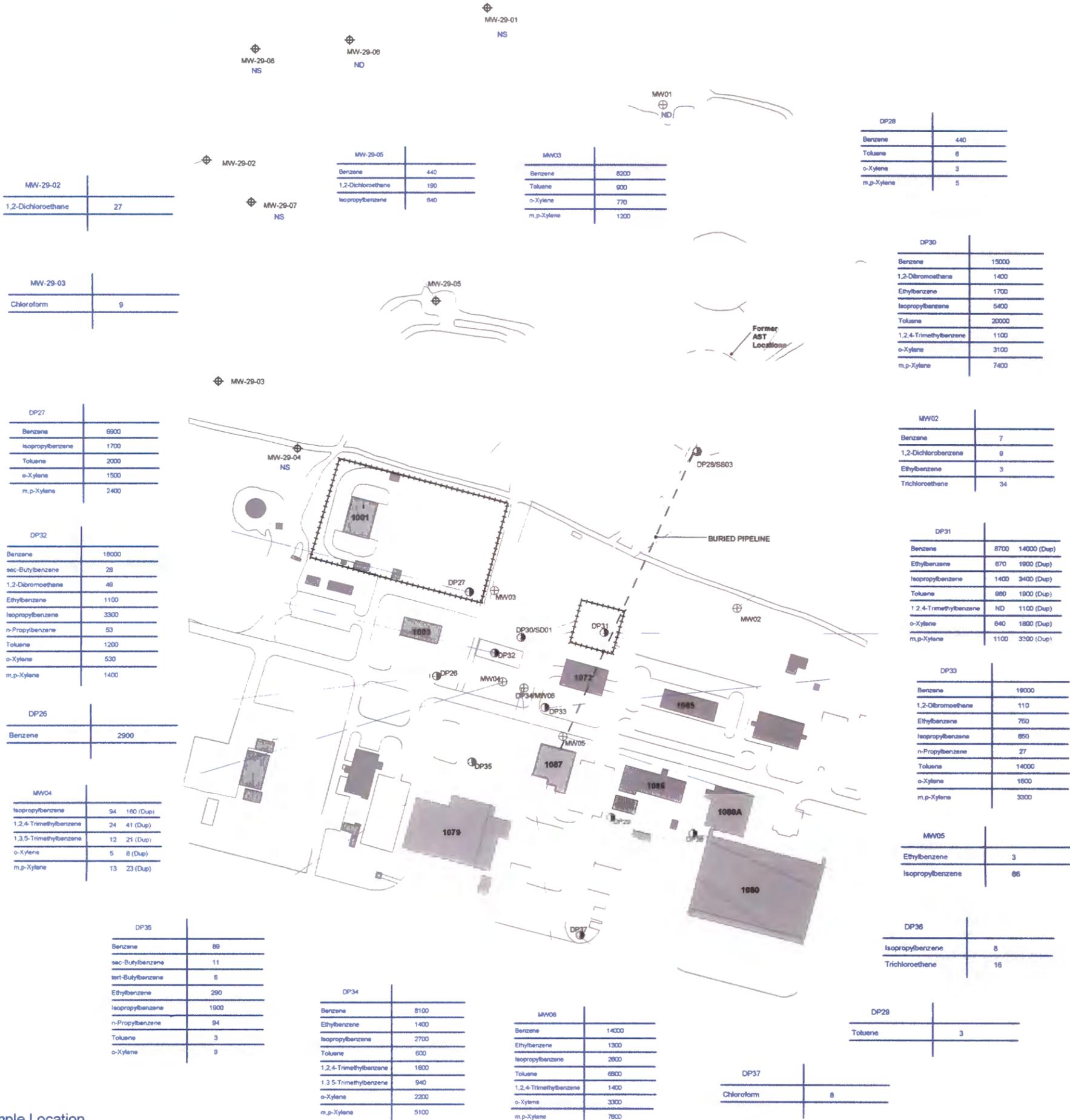


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 U.S. Army Corps of Engineers, Omaha District

Figure 5-3  
 Distribution of Analytes Detected in Groundwater During the RFI



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MW-29-02	
1,2-Dichloroethane	27

MW-29-03	
Chloroform	9

DP27	
Benzene	6900
Isopropylbenzene	1700
Toluene	2000
o-Xylene	1500
m,p-Xylene	2400

DP32	
Benzene	18000
sec-Butylbenzene	28
1,2-Dibromoethane	48
Ethylbenzene	1100
Isopropylbenzene	3300
n-Propylbenzene	53
Toluene	1200
o-Xylene	530
m,p-Xylene	1400

DP26	
Benzene	2900

MW04	
Isopropylbenzene	94 160 (Dup)
1,2,4-Trimethylbenzene	24 41 (Dup)
1,3,5-Trimethylbenzene	12 21 (Dup)
o-Xylene	5 8 (Dup)
m,p-Xylene	13 23 (Dup)

DP35	
Benzene	89
sec-Butylbenzene	11
tert-Butylbenzene	6
Ethylbenzene	290
Isopropylbenzene	1900
n-Propylbenzene	94
Toluene	3
o-Xylene	9

DP34	
Benzene	8100
Ethylbenzene	1400
Isopropylbenzene	2700
Toluene	600
1,2,4-Trimethylbenzene	1600
1,3,5-Trimethylbenzene	940
o-Xylene	2200
m,p-Xylene	5100

MW05	
Benzene	14000
Ethylbenzene	1300
Isopropylbenzene	2800
Toluene	6900
1,2,4-Trimethylbenzene	1400
o-Xylene	3300
m,p-Xylene	7800

DP28	
Benzene	440
Toluene	6
o-Xylene	3
m,p-Xylene	5

DP30	
Benzene	15000
1,2-Dibromoethane	1400
Ethylbenzene	1700
Isopropylbenzene	5400
Toluene	20000
1,2,4-Trimethylbenzene	1100
o-Xylene	3100
m,p-Xylene	7400

MW02	
Benzene	7
1,2-Dichlorobenzene	9
Ethylbenzene	3
Trichloroethene	34

DP31	
Benzene	8700 14000 (Dup)
Ethylbenzene	670 1800 (Dup)
Isopropylbenzene	1400 3400 (Dup)
Toluene	980 1800 (Dup)
1,2,4-Trimethylbenzene	ND 1100 (Dup)
o-Xylene	840 1800 (Dup)
m,p-Xylene	1100 3300 (Dup)

DP33	
Benzene	18000
1,2-Dibromoethane	110
Ethylbenzene	750
Isopropylbenzene	650
n-Propylbenzene	27
Toluene	14000
o-Xylene	1800
m,p-Xylene	3300

MW05	
Ethylbenzene	3
Isopropylbenzene	66

DP36	
Isopropylbenzene	8
Trichloroethene	16

DP29	
Toluene	3

DP37	
Chloroform	8

Sample Location

SS02	
TRPH	23

250 0 250 500 Feet

1 inch = 250 ft

Analyte Analyte concentration

**LEGEND**

- Piezometers
- Fenceline
- SS-61 Monitoring Wells
- LF-29 Monitoring Wells
- Direct Push Samples
- Surface Soil and Sediment Samples
- Buildings
- Roads

Notes:

Analyte concentrations are presented in micrograms per liter (ug/L).

All groundwater samples were collected from the upper portion (less than 10 feet) of the shallow water-bearing zone

ND - Analyte not detected  
NS - Location not sampled

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**U.S. Army Corps of Engineers, Omaha District**

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**Figure 5-4**  
**Distribution of Analytes Detected in Groundwater During the Phase I RI**

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**Foster Wheeler Environmental Corporation**

MW-29-06	
1,2-Dichloroethane	3.1
Toluene	1.2

MW-29-05	
Benzene	78
sec-Butylbenzene	3.5
tert-Butylbenzene	2.2
1,2-Dichloroethane	160
Isopropylbenzene	400

MW-29-02	
Chloroform	1.3
1,2-Dichloroethane	22

MW-29-03	
Chloroform	6

MW04	
Benzene	1100
sec-Butylbenzene	10
tert-Butylbenzene	5.7
1,2-Dichlorobenzene	49
Ethylbenzene	5.5
2-Hexanone	18
Isopropylbenzene	810
n-Propylbenzene	14
Styrene	8.4
Toluene	91
1,2,4-Trimethylbenzene	35
1,3,5-Trimethylbenzene	24
o-Xylene	160
m-Xylenes	240
JP-4	650

DP54	
JP-4	940

DP42	
JP-4	1100

DP50	
Benzene	270
tert-Butylbenzene	6.9
Isopropylbenzene	7.8
JP-4	880

MW08	
Benzene	3.3

DP51	
JP-4	780

DP44	
tert-Butylbenzene	7.3
JP-4	3400

SS02	
TRPH	23

MW11	
Chloroform	2.6

MW09	
Chloroform	0.54

DP39	
Benzene	8800
tert-Butylbenzene	85
Isopropylbenzene	820
JP-4	5600

DP46	
1,2-Dichlorobenzene	6.2
JP-4	530

MW03	
Benzene	7300
1,2-Dibromomethane	18
1,2-Dichlorobenzene	160
Ethylbenzene	22
Isopropylbenzene	270
Toluene	400
1,2,4-Trimethylbenzene	71
1,3,5-Trimethylbenzene	35
m-Xylenes	810
p-Xylene	780
JP-4	1400

MW02	
Benzene	0.88
Chloroform	0.83
1,2-Dichlorobenzene	9.8
Trichloroethane	21

MW06	
Benzene	13000
sec-Butylbenzene	14
Ethylbenzene	720
Isopropylbenzene	1600
Naphthalene	5.9
n-Propylbenzene	58
Toluene	800
1,2,4-Trimethylbenzene	740
1,3,5-Trimethylbenzene	170
o-Xylene	1600
m-Xylenes	2000
p-Xylene	2
JP-4	2500

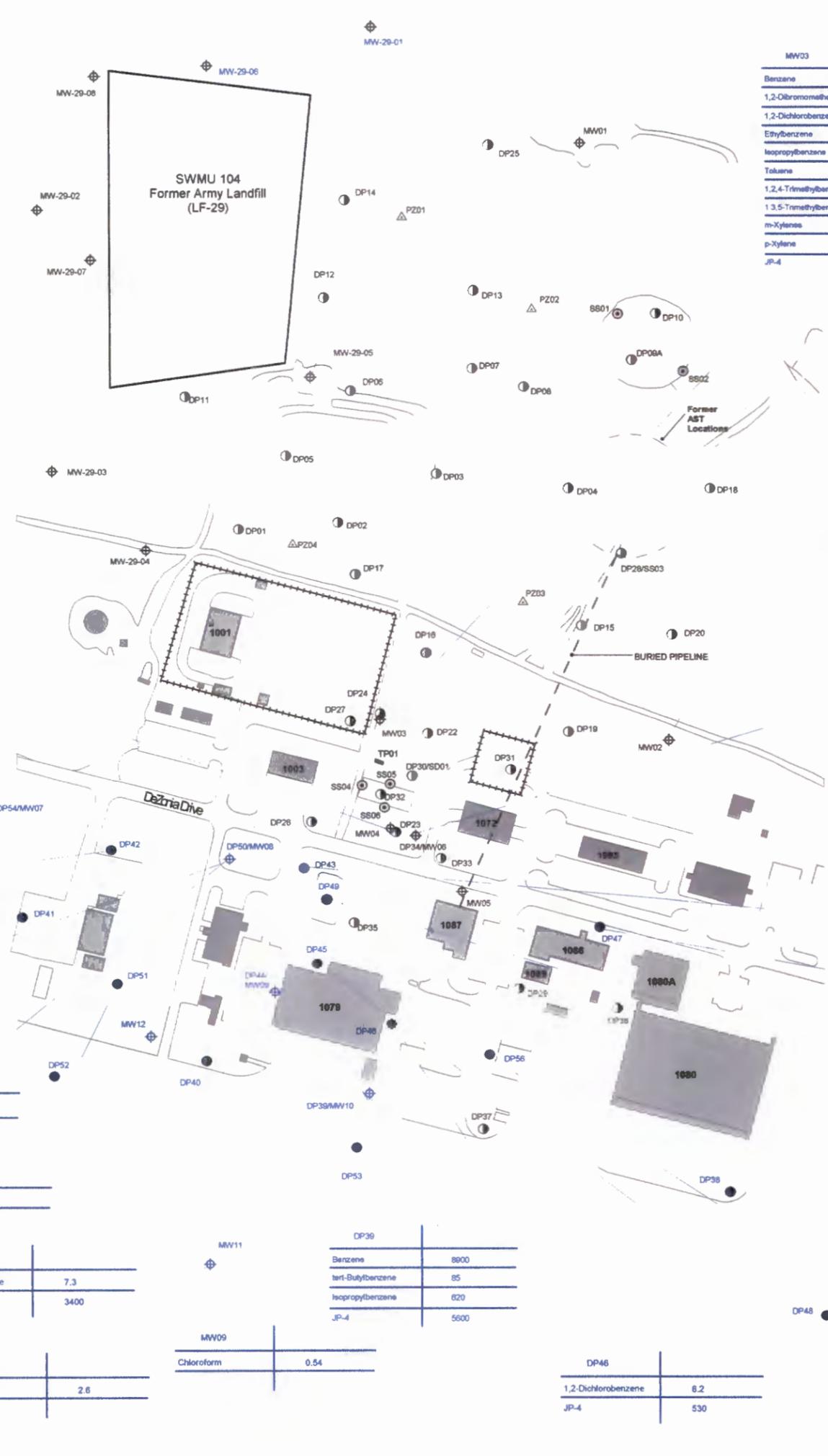
DP43	
Benzene	9100
Ethylbenzene	940
Isopropylbenzene	4400
n-Propylbenzene	170
Toluene	7900
1,2,4-Trimethylbenzene	560
1,3,5-Trimethylbenzene	200
o-Xylene	2700
m-Xylene	5300
JP-4	80000

DP47	
Trichloroethane	6.3

DP49	
Benzene	200
sec-Butylbenzene	15
tert-Butylbenzene	6
Ethylbenzene	3700
Isopropylbenzene	5800
n-Propylbenzene	170
1,2,4-Trimethylbenzene	910
1,3,5-Trimethylbenzene	370
o-Xylene	180
m-Xylene	1200
JP-4	3600

DP56	
1,1-Dichloroethane	15
Trichloroethane	21

DP45	
Isopropylbenzene	98
n-Propylbenzene	5.1



Sample Location

Analyte Analyte concentration

250 0 250 500 Feet

1 inch = 250 ft



- △ Piezometers
- ⊕ Phase II Monitoring Wells
- ⊕ Existing Monitoring Wells
- Phase II Direct Push Samples
- ⊙ Previous Direct Push Samples
- ⊙ Surface Soil and Sediment Samples
- Buildings
- Roads
- +++++ Fenceline

Notes:  
 Analyte concentrations are presented in micrograms per liter (ug/L).  
 All groundwater samples were collected from the upper portion (less than 10 feet) of the shallow water-bearing zone  
 ND - Analyte not detected  
 NS - Location not sampled

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**Figure 5-5**  
**Distribution of Analytes Detected in**  
**Groundwater During the Phase II RI**

 **Foster Wheeler Environmental Corporation**



**LEGEND**

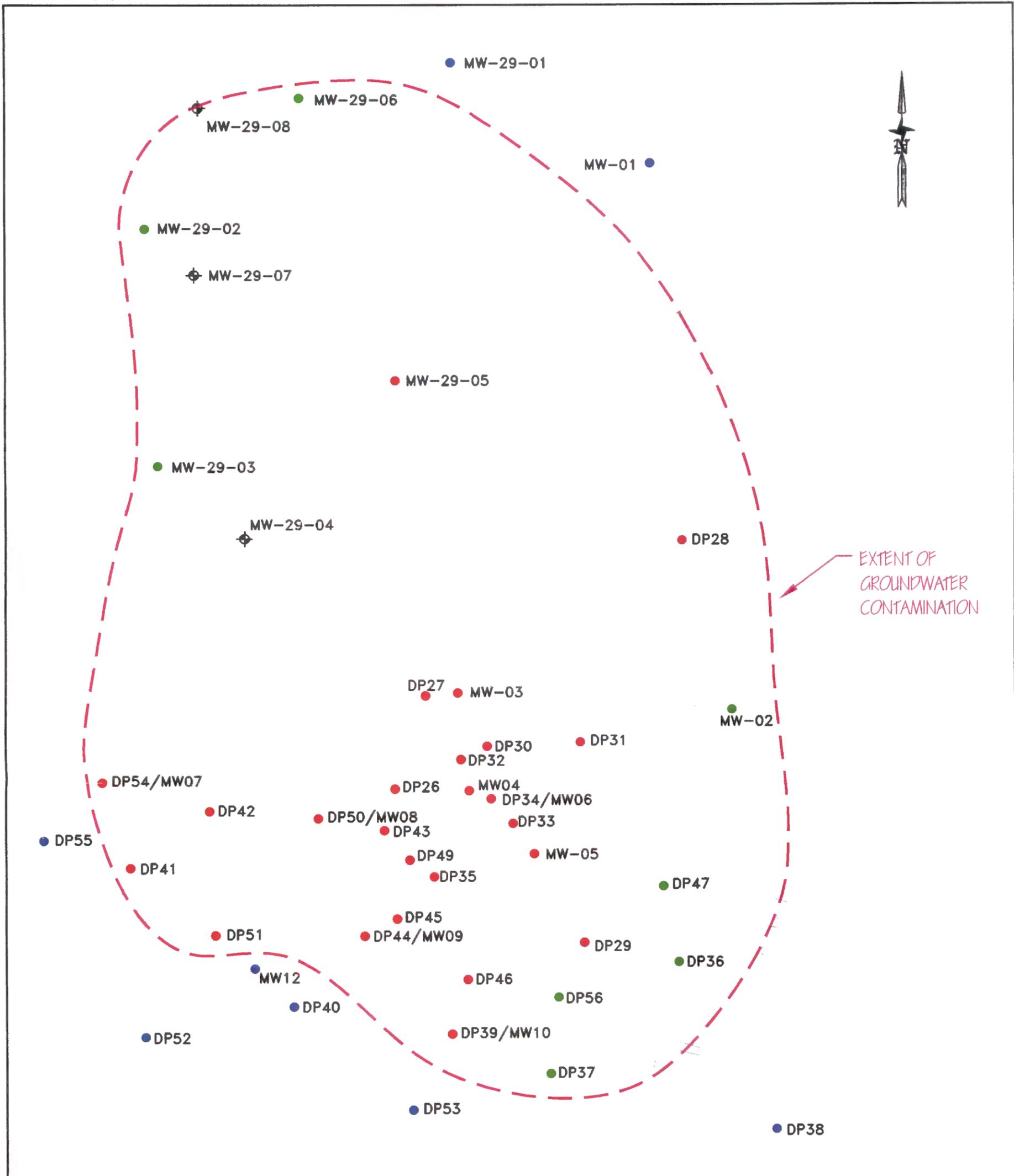
- ⊕ LF-29 MONITOR WELL LOCATION
- ⊕ SS-61 MONITOR WELL LOCATION
- DIRECT PUSH SAMPLES
- - - FENCE LINE
- 100 GROUNDWATER ISOCONCENTRATION CONCENTRATION IN ug/L (DASHED WHERE INFERRED)
- CRL CERTIFIED REPORTING LIMIT
- ND ANALYTE NOT DETECTED

**NOTE:**

TOTAL BTEX PRESENTED REFLECT ANALYTICAL RESULTS FOR SAMPLES COLLECTED FROM THE UPPER 10 FEET OF THE SHALLOW WATER-BEARING ZONE IN APRIL 1999.



<b>FOSTER WHEELER ENVIRONMENTAL CORPORATION</b>		<b>SS-61 REMEDIAL INVESTIGATION REPORT</b> <b>U.S. ARMY CORPS OF ENGINEERS,</b> <b>OMAHA DISTRICT</b>		<b>FIGURE</b> <b>5-6</b>
DESIGNED: C. BIENIULIS	DATE: 7/5/99	<b>HOLLOMAN AIR FORCE BASE, NEW MEXICO</b>		
DRAFTED: L. GAMBLE	DATE: 9/18/00	<b>TOTAL BTEX GROUNDWATER PLUME</b> <b>FOR APRIL 1999</b>		
REVISED: E. PEASE	DATE:			
APPROVED:				
FILE: EHOLF03.DWG				



EXTENT OF  
GROUNDWATER  
CONTAMINATION

LEGEND

- ⊕ Wells Not Sampled
- Groundwater Detections - Petroleum
- Groundwater Detections - Solvents
- Groundwater Detections - No Detection
- Fence

NOTES:  
 1. Based on samples collected during the RI 1999 and 2000 only.  
 2. No free-phase product was observed in groundwater during the RI in 1999 and 2000.

Estimate of  
DP48



FOSTER  WHEELER ENVIRONMENTAL CORPORATION		SS-61 REMEDIAL INVESTIGATION REPORT U.S. ARMY CORPS OF ENGINEERS, OMAHA DISTRICT		FIGURE 5-7
DESIGNED: C. BIENIUS DRAFTED: E. PEASE		DATE: 9/17/00		
CHECKED: APPROVED:		HOLLOMAN AIR FORCE BASE, NEW MEXICO		
FILE: May 2000 GWcont		EXTENT OF GROUNDWATER CONTAMINATION DURING THE RI		

## 6.0 CONTAMINANT FATE AND TRANSPORT

The fate and transport characteristics of the primary constituents identified in soil and groundwater during the RI of SS-61 (Section 5.0) are described in this section. These constituents include VOCs and petroleum hydrocarbons in soil and groundwater samples. This section describes the factors controlling the environmental fate and transport of contaminants in soil and groundwater at SS-61 and evaluates the potential for further migration of these compounds. This information will be used to assess the potential risk of current and future exposure.

### 6.1 POTENTIAL MIGRATION PATHWAYS

As described in Section 5.0, the release of fuel during past operations at SS-61 has resulted in varying degrees of soil and groundwater contamination. The sample results presented in Section 5.0 indicated that only minor amounts of contamination remain in surface and subsurface soil at this site. Contamination that has leached to groundwater has formed a contaminant plume extending from the hangar area near Building 1079 and the concrete pad area north of DeZonia Drive to the area southeast of SWMU 104 (LF-29).

Contaminants were found at concentrations well below the action levels in near-surface soil (upper 1 ft). They may be mobilized and transported by wind erosion, volatilization, or episodic overland flow. Contaminants in surface soil may also migrate to subsurface soil (and groundwater) via desorption and leaching processes. VOCs in surface soil can migrate into soil vapor or they can volatilize directly to the atmosphere.

If mobilized by surface water runoff, contaminants may eventually reenter the subsurface environment by infiltration, contaminating subsurface soil and possibly groundwater if present in sufficient concentrations. In the process of infiltration, organic contaminants may also remain adsorbed to soil particles where attenuation by photolysis (in surface soil) or biodegradation may occur. Contaminants in surface soil or sediment are also subject to biomagnification, potentially affecting plants and animals. Transport by surface water to a standing body of water is also possible, although this is not a concern at SS-61. Contaminants mobilized as fugitive dust can be redeposited onto surface soil and surface water, or dispersed in local air masses.

Contaminants present in subsurface soil can be released to soil vapor and eventually reach the atmosphere, or can migrate to groundwater through desorption and leaching. Volatile contaminants that migrate to the atmosphere are subject to dispersal by local air masses and attenuation by photolysis and oxidation reactions. Redeposition from the atmosphere to surface soil or surface water bodies may also occur. Contaminants that remain in the soil may be subject to attenuation by chemical and biological degradation processes.

## 6.2 CONTAMINANT CHARACTERISTICS AND BEHAVIOR

Contaminants in soil and groundwater identified in the RI at SS-61 (Section 5.0) include VOCs and TRPH. The properties of each contaminant with respect to its potential behavior in soil and groundwater are discussed in this section.

The chemical and physical properties of each analyte detected in soil and groundwater during the Phase I and Phase II RIs are compiled in Table 6-1. These properties can be used to predict various fate and transport parameters, such as the potential of an analyte to partition between the solid, liquid, and gas phases. For example, partitioning of a particular VOC between water, air, and soil can be estimated using the VOC aqueous solubility value (water), Henry's Law constant ( $K_H$ ) (water-air), vapor pressure (air), and organic carbon partition coefficient ( $K_{oc}$ ), which can be estimated by measuring its octanol-water partition coefficient ( $K_{ow}$ ) (soil).

The aqueous solubility value gives the maximum amount (mass) of a chemical that is soluble within a given volume of water. In general, compounds with solubility values less than 1 mg/L are considered insoluble in water, and compounds with values greater than 10,000 mg/L are considered highly soluble.

The vapor pressure of a chemical is a measure of the chemical's tendency to volatilize. Vapor pressures greater than 1 millimeter of mercury (mm Hg) indicate volatility, whereas chemicals with vapor pressures ranging from 1 to 0.001 mm Hg are considered semivolatile, and those with vapor pressures less than 0.001 mm Hg are considered nonvolatile. It should be noted that the classification of volatility by vapor pressure does not necessarily correspond to the laboratory classification of compounds as either volatile or semivolatile (base-neutral-acid extractable) analytes.

The Henry's Law constant for a compound provides a measure of the tendency of that compound to volatilize from an aqueous solution. For VOCs, higher values of Henry's Law constants are associated with an increased volatilization from water. Chemicals that are readily volatilized from groundwater or surface water have constants exceeding  $10^{-3}$  atmosphere-cubic meters per mole ( $\text{atm}\cdot\text{m}^3/\text{mol}$ ), whereas compounds with low volatility have constants less than  $10^{-7}$   $\text{atm}\cdot\text{m}^3/\text{mol}$ .

The most common measure of an organic contaminant's tendency to adsorb to organic carbon in soil is the octanol-water partition coefficient,  $K_{ow}$ , which defines the potential for a compound to partition into octanol in an octanol-water system. Since octanol is considered to represent the sorptive properties of soil organic matter, the  $K_{ow}$  can provide an estimate of the tendency for a chemical to sorb to soil organic matter. The greater the value of  $K_{ow}$ , generally expressed as the base 10 logarithm  $K_{ow}$  ( $\text{Log}[K_{ow}]$ ), the greater the tendency for adsorption. Compounds with  $\text{Log}(K_{ow})$  values greater than 3 are preferentially sorbed onto the soil in soil-water systems. Compounds with  $\text{Log}(K_{ow})$  values less than 1 are considered to partition weakly onto soil, and values between 1 and 3 denote moderate affinity for soil. Actual partitioning of VOCs onto soil depends on the organic carbon content of the soil. At SS-61, it is assumed that the absence of vegetation implies a low organic matter content in the soil (such as humic material).

#### 6.2.1 Volatile Organic Compounds

With reference to Table 6-1 and the discussion above, the VOCs detected at SS-61 are volatile, sorb moderately to soil organic carbon, and range in solubility from insoluble to moderately soluble. Their high-vapor pressures and moderate-to-high Henry's Law constants indicate a moderate-to-low affinity for water. The moderate  $\text{Log}(K_{ow})$  values indicate that partitioning of these compounds onto soil organic carbon would retard their migration if soil organic matter were present. However, in SS-61 soil with low concentrations of organic carbon, these contaminants are expected to migrate more readily.

With regard to degradation, VOCs in subsurface soil are typically not subject to hydrolytic reactions; however, nonhalogenated VOCs, and to a lesser extent halogenated VOCs, can be degraded biologically under both aerobic and anaerobic conditions as discussed below.

### 6.2.2 Petroleum Hydrocarbons

Analysis of petroleum hydrocarbons was conducted during the Phase I RI using EPA Method 418.1, which detects a variety of petroleum hydrocarbons with 10 or more carbon atoms. Petroleum hydrocarbons in the form of JP-4 were analyzed in soil and groundwater samples during the Phase II RI using EPA Method 8015 modified. Petroleum hydrocarbons can be branched and unbranched aliphatic compounds (straight chained), or aromatic compounds (containing ring structures). These types of compounds generally have low solubility and have strong affinities for soil. Therefore, they are relatively immobile in soil-water systems. They also have relatively low vapor pressures to biodegradation and oxidation; however, the rate of degradation is dependent upon microbial population dynamics, and the structural characteristics of the target molecules (such as the degree of branching).

## 6.3 CONTAMINANT MIGRATION AT SS-61

Site conditions and several of the fate and transport characteristics of the SS-61 contaminants help to explain the distribution of contaminants at the site. VOCs detected mainly in groundwater at SS-61 are moderately soluble and leach readily through site soil, which have a low organic carbon content. VOCs released to soil are expected to have leached to the water table, biodegraded, or volatilized. Therefore, leaching and downward flow to shallow groundwater appear to be the principal contaminant transport mechanisms.

Other contaminant fate and transport processes that may also have operated at SS-61 include the transport and redistribution of TRPH in surface soil by wind, volatilization of VOCs, and degradation of VOCs in subsurface soil. Significant migration of TRPH to groundwater by infiltrating precipitation is not indicated by the data and is unlikely because of the low solubility of most TRPH compounds.

**Table 6-1. Chemical and Physical Properties of Analytes Evaluated in the Remedial Investigation Risk Assessments**

Analytical Group	Analyte	CAS Number	Empirical Formula	Molecular Weight (g/mol)	Physical State (at 25°C)	Density (g/mL)	Aqueous Solubility (mg/L)	Vapor Pressure (mm Hg)	Henry's Law Constant (atm-m <sup>3</sup> /mol)	Octanol-Water Partition Coefficient (Log[K <sub>ow</sub> ])
VOCs	1,2,4-Trimethylbenzene	95-63-6	C <sub>9</sub> H <sub>12</sub>	120.19	Liquid	0.8758	570	1	5.633x10 <sup>-3</sup>	3.63
	1,2-Dibromoethane	109-93-4	C <sub>2</sub> H <sub>4</sub> Br <sub>2</sub>	187.86	Liquid	2.1792	43000	12	7.06x10 <sup>-4</sup>	1.6
	1,2-Dichlorobenzene	95-50-1	C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub>	147.00	Liquid	1.3048	145	1.5	2.951x10 <sup>-3</sup>	3.38
	1,2-Dichloroethane	107-06-2	C <sub>2</sub> H <sub>4</sub> Cl <sub>2</sub>	99	Liquid	1.2351	8520	79	9.79x10 <sup>-4</sup>	1.45
	Benzene	71-43-2	C <sub>6</sub> H <sub>6</sub>	78.11	Liquid	0.8765	1750	95	5.55x10 <sup>-3</sup>	2.13
	Chloroform	67-66-3	CHCl <sub>3</sub>	119.4	Liquid	1.49	7920	160	3.67x10 <sup>-3</sup>	1.97
	Ethylbenzene	100-41-4	C <sub>8</sub> H <sub>10</sub>	106.17	Liquid	0.867	169	10	7.88x10 <sup>-3</sup>	3.15
	Isopropylbenzene	98-82-8	C <sub>9</sub> H <sub>12</sub>	120.19	Liquid	0.8618	50	3.2	1.46x10 <sup>-2</sup>	3.66
	Methylene chloride	75-09-2	CH <sub>2</sub> Cl <sub>2</sub>	84.9	Liquid	1.33	13200	429	2.19x10 <sup>-3</sup>	25
	n-Propylbenzene	103-65-1	C <sub>9</sub> H <sub>12</sub>	120.19	Liquid	0.8620	60	2.5	1.021x10 <sup>-2</sup>	3.68
	Styrene	100-42-5	C <sub>8</sub> H <sub>8</sub>	104.15	Liquid	0.9060	300	5	2.633x10 <sup>-3</sup>	3.16
	sec-Butylbenzene	135-98-8	C <sub>10</sub> H <sub>14</sub>	134.22	Liquid	0.8621	320	1.1	1.14x10 <sup>-2</sup>	4.24
	tert-Butylbenzene	98-06-6	C <sub>10</sub> H <sub>14</sub>	134.22	Liquid	0.8665	290	1.5	1.17x10 <sup>-2</sup>	4.11
	Toluene	108-88-3	C <sub>7</sub> H <sub>8</sub>	92.14	Liquid	0.8669	526	28	6.64x 0 <sup>-3</sup>	2.69
	Total Xylenes <sup>a</sup>	1330-20-7	C <sub>8</sub> H <sub>10</sub>	106.17	Liquid	0.86104 – 0.8801	Insoluble	10	4.184x10 <sup>-3</sup> – 6.662x10 <sup>-3</sup>	2.77 – 3.2
Trichloroethene	79-01-6	C <sub>2</sub> HCl <sub>3</sub>	131.39	Liquid	1.46	1100	77	1.03x10 <sup>-2</sup>	53	
Other Parameters	Petroleum hydrocarbons	--	variable mixture	--	--	--	--	--	--	--

**Table 6-1. Chemical and Physical Properties of Analytes Evaluated in the Remedial Investigation Risk Assessments**

Notes:

<sup>a</sup> Values represent ranges for the three xylene isomers: m-xylene, o-xylene, and p-xylene

atm-m<sup>3</sup>/mol – Atmospheres per cubic meter per mole

CAS – Chemical abstract service

°C – Degrees Celsius

g/mL – Grams per milliliter

g/mol – Grams per mole

mm Hg – Millimeters of mercury

mg/L – Milligrams per liter

NA - Not available

VOC – Volatile organic compound

Reference for chemical and physical properties:

U.S Environmental Protection Agency, 1992, Handbook of RCRA Ground-Water Monitoring Constituents Chemical and Physical Properties (40 CFR 264, Appendix 9). September 1992.

## 7.0 SCREENING-LEVEL RISK ASSESSMENT

This section presents the screening-level human health risk assessments (HHRA) and the screening-level ecological risk assessments (SLERA) prepared for the southern portion of SS-61 that was investigated during the Phase II RI. Information from the risk assessments prepared during the Phase I RI for the northern part of SS-61 is used to provide a summary and conclusions for SS-61 in its entirety. Appendix E presents the risk assessment from the Phase I RI and was taken directly from the *Final Remedial Investigation Report for SS-61* (Foster Wheeler, 1999b).

The purpose of the HHRA and SLERA is to evaluate the magnitude and probability of threats to public health and the environment posed by site-related chemicals in untreated soil and groundwater. These human health and ecological risk assessments for both the northern and southern parts of the site provide a complete evaluation of risk present at SS-61.

### 7.1 PHASE II RI HUMAN HEALTH RISK ASSESSMENT

The primary objectives of this screening-level HHRA were to use the analytical results to identify the chemicals of potential concern (COPCs), identify potential exposure pathways, and evaluate potential risk to human health. The HHRA consists of a comparison of site investigation data with Holloman AFB action levels and EPA Region VI HHSLs (EPA, 1999).

This screening-level HHRA was conducted in accordance with standard EPA guidance (EPA, 1989; 1991). This screening-level HHRA also includes data evaluation, a discussion of the HHRA methodology, and a summary of findings and conclusions.

#### 7.1.1 Data Summary and Selection of Chemicals of Potential Concern

As discussed above and in Section 5.0, soil and groundwater samples used for the HHRA and ESA were collected during the 2000 Phase II RI field investigation.

The selection process for COPCs evaluated the following characteristics of the data:

- Chemical must have been detected in site soil or groundwater.
- Complete exposure pathway must exist between the potential receptor and the chemical.
- Detected chemical concentration must exceed HHSLs or Holloman AFB action levels.

In the first step of the selection process, the HHRA considered data in soils less than 12 feet bgs. This depth was considered a realistic estimate of the soil to which potential receptors may be exposed through such activities as excavation or other construction. Based on the soil intervals sampled for the Phase II RI, soil samples collected to a depth of 12.5 ft bgs were evaluated as the closest approximation of the 12 ft bgs soil exposure interval.

Styrene 1.4 mg/Kg was the only VOC detected in samples collected from soil less than 12 feet bgs. There were three detections of JP-4 in soil samples collected from less than 12 feet bgs. Styrene and JP-4 were the only constituents detected in soil to a depth of 12 ft. These analytical results are included in Table 5-3. The locations where soil samples were collected are presented in Figure 5-2. All VOC and JP-4 detections in soils greater than 12 feet bgs were not considered in the HHRA because a complete exposure pathway does not exist between these contaminants and potential receptors. The fate and transport of the preliminary soil COPCs is discussed in Section 6.0.

All positively identified chemicals detected in groundwater were initially considered preliminary COPCs: benzene, sec-butylbenzene, tert-butylbenzene, chloroform, 1,2-dibromoethane, 1,2-dichlorobenzene, 1,2-DCA, ethylbenzene, 2-hexanone, isopropylbenzene, naphthalene, n-propylbenzene, toluene, TCE, trimethylbenzene isomers, xylenes, and JP-4. Analytical results for Phase II RI groundwater detections are included in Table 5-6; groundwater sampling locations are presented in Figure 5-5.

#### 7.1.2 Exposure Setting and Site Conceptual Model

The exposure setting includes the physical environment, current and potential future land use at the site, and the distribution of contamination in soil and groundwater that have been affected by site activities. Section 3.0 of this report includes information on the physical characteristics of the site and serves as the basis for identifying the receptors and specific pathways used in the quantitative assessment.

The site conceptual model (Figure 7-1) is used to identify exposure pathways, which are descriptions of the ways in which receptors may potentially be exposed to contaminants at a site. The pathway analysis involves examination of each potential contaminant source, contaminant transport pathway, and potentially exposed population to determine which combinations should

be evaluated in the screening-level HHRA. The combinations that are considered for risk evaluation are those that represent complete or potentially complete current and future pathways (making reasonable assumptions about future land use).

Figure 7-1 shows the site conceptual model for the screening-level HHRA for the southern part of SS-61. Surface and subsurface soil presumably received the initial spills and releases from underground pipelines and/or the former oil/water separator present at the site. The southern part of SS-61 is currently covered with approximately 6 to 12 inches of gravel, eliminating most current exposure pathways; however, if the gravel were to be disturbed in the future, several complete potential exposure pathways would exist. In both current and future scenarios, there is a potential for styrene to volatilize from soil, resulting in a complete exposure pathway via inhalation. If the gravel were removed, a future exposure pathway could also be created by wind transporting styrene and JP-4, as dust particles to receptors via particulate inhalation. Dermal contact with the soil and incidental ingestion of the soil are additional potentially complete future exposure pathways for soil after gravel removal.

Intrusive activities, such as construction or repair of underground pipelines, would also create a potential future exposure pathway at SS-61. When intrusive activities occur, subsurface soil is exposed and potential exposure pathways are created. Typically, intrusive activities do not occur at depths greater than 12 feet bgs. Therefore, only soil data collected from 1 to 12 feet bgs, or 12.5 feet bgs depending on the sample interval, were evaluated in this screening-level HHRA. Intrusive activities are not planned for SS-61, but are possible. Although future exposure scenarios consider exposure after the removal of gravel at the site; this scenario is highly unlikely. Based on the Holloman AFB Management Plan, discussed further in Section 7.2.3, the site will likely remain as it currently exists in the foreseeable future.

As discussed in Section 1.0, contamination has been detected in site groundwater and contamination is likely the result of leaching from subsurface soils to groundwater. The groundwater beneath Holloman AFB is nonpotable because Basewide TDS concentrations are greater than 10,000 mg/L. Groundwater is therefore not used at this site for drinking or bathing. On-site groundwater does not discharge into a reservoir or any surface water. Exposure to

COPCs through exposure to groundwater will not occur and was not further evaluated in this screening-level HHRA.

### 7.1.3 Identification of Potential Receptors

Two land-use scenarios were evaluated for SS-61. The first scenario assumes the site is converted into a residential area. The Holloman AFB Management Plan (Holloman AFB, 1998) dictates that SS-61 is to remain industrial and no on-Base housing will be built at the site. In addition, per the Management Plan, Holloman AFB will not be released to the public. Based on the Management Plan, SS-61 will likely remain an industrial area in the future; it is highly unlikely the current buildings and gravel will be removed and that SS-61 will be converted to a residential area. SS-61 lies just north of the runway and is surrounded by industrial use buildings, such as an airplane hanger. However, the residential receptor is considered a conservative, although unlikely, potential future receptor because it includes long-term daily exposure to residents and exposure to children. As recommended by NMED, when risk-based action levels exist for multiple exposure scenarios, Holloman AFB must use the more conservative exposure scenario (i.e., residential) to initially evaluate risk, regardless of the current land use. If the risk for a given area is acceptable for residents, it is assumed that the risk will be acceptable for all other receptors.

The second land-use scenario assumes that the site is used for industrial purposes. This scenario is a conservative approximation of current land use in this area; due to the depth of the gravel it is unlikely that current industrial workers would be exposed to COPCs in the soil. The current and anticipated future land use for SS-61 is an industrial setting. The industrial worker was chosen because it is a realistic scenario for the current and future land use for SS-61.

### 7.1.4 Comparison to HHSLs and Action Levels

EPA Region VI HHSLs are chemical concentrations in soil that correspond to accepted levels of risk. Calculated EPA Region VI HHSLs values are based on an acceptable target cancer risk of  $1 \times 10^{-6}$  (or a one in a million chance of developing cancer) and a noncancer hazard quotient of 1.0 (EPA, 1999). The HHSLs incorporate potential exposure to on-site soils by ingestion, dermal contact, and inhalation. Residential HHSLs are developed under the conservative assumptions that a resident is exposed to site soil for 30 years and 350 days per year and incorporates

exposure to a child (EPA, 1999). The EPA Region VI industrial HHSL assumes that workers are exposed to site soil for 250 days per year for 25 years (EPA, 1999), resulting in a more appropriate scenario for the current and future land use expected at Holloman AFB.

Construction and utility workers could also be potentially exposed to surface and subsurface soil during construction and utility line repair. The workers would be exposed to the COPCs in soil via incidental ingestion, dermal contact, and inhalation. No Region VI HHSLs exist for a construction or utility worker exposure scenario. Because a construction or utility worker exposure is much less than exposure of an industrial worker if the COPC concentration is below the industrial HHSL, no risk to a construction or utility worker would be expected.

The Holloman AFB action levels establish a soil concentration above which remediation should be considered (Sections 4.0 and 5.4) (NMED, 1993; 1995). NMED established an action level of 1,000 mg/Kg for TPH and other petroleum compounds. The maximum detected concentration of JP-4 was compared to this action level since it is a petroleum product. JP-4 is the only COPC with a Holloman AFB action level.

The single detection of styrene in soil samples collected from less than 12 feet bgs in the southern portion of SS-61 was compared to EPA Region VI HHSLs (EPA, 1999) to determine if there is potential risk to a potential future on-site resident and a current or future industrial worker. JP-4 concentrations detected in soil samples from less than 12 feet bgs in the southern portion of SS-61 were compared to the Holloman AFB action level because an EPA Region VI HHSL has not been developed. Table 7-1 shows these comparisons for the current (industrial) and future (commercial) land-use scenarios.

#### 7.1.5 HHRA Results and Conclusions

This section describes the results of the screening-level HHRA. The detection of styrene (1.4 mg/kg) was considerably less than the EPA Region VI HHSL of 1,700 mg/kg. No risk to human health from styrene is anticipated at SS-61.

The three detections of JP-4 were compared to the Base-specific action level because of the lack of a risk-based HHSL for TRPH. The maximum detection of JP-4 (7,800 mg/kg) exceeds the Holloman AFB action level (1,000 mg/kg). Although JP-4 exceeded the Holloman AFB action

level, unacceptable risk due to exposure from JP-4 is not anticipated because of the limited amount of exposure and extent of contamination. JP-4 was only detected three times out of the 28 samples collected less than 12 feet bgs. Only one detection of JP-4 exceeded the Holloman AFB action level; the other two JP-4 detections (260 and 210mg/kg) were considerably lower than the action level (1,000 mg/kg). The low concentrations and infrequent detections suggest that the concentrations of JP-4 are generally negligible and the occurrence of JP-4 is low enough that the receptor would rarely, if ever, come into contact with the COPC.

#### 7.1.6 Uncertainty Analysis

Risk evaluations have various uncertainties associated with them. In this section, a qualitative discussion is presented of the uncertainties associated with this HHRA.

HHRAs are not intended to estimate actual risks to a receptor from exposure to contaminants in the environment. In fact, estimating actual risks is impossible because of the variability in the exposed or potentially exposed populations. Therefore, the HHRA is a means of estimating the probability that an adverse health effect will occur in a receptor. The many conservative assumptions used in HHRAs guard against underestimation of risks.

This screening-level HHRA combined site data with assumptions about the individual receptor's exposures to affected media. This assessment conservatively assumed exposure to a single, maximum concentration of the COPC detected in soil. Individuals would more typically be exposed to a wide range of concentrations, resulting in a lower average exposure. This assessment also conservatively assumed a residential scenario that is not currently planned at this site. These conservative assumptions may result in overestimation of risk unless they are considered during evaluation of the HHRA results.

## 7.2 PHASE II RI ECOLOGICAL SCOPING ASSESSMENT

An ESA was performed as part of the risk evaluation for SS-61 and was conducted in accordance with EPA and NMED guidance (EPA, 1997; NMED, 2000). The ESA is designed to be a conservative, qualitative assessment of whether ecological receptors and/or complete exposure pathways exist at the site. The purpose of the ESA was to evaluate whether site-specific contaminant levels in soil and groundwater posed a potential risk to ecological receptors at SS-

61. The ESA has been organized to present ecological setting (including basic site information and a summary of the site visit), identification of preliminary contaminants of potential ecological concern (COPECs), discussion of the preliminary conceptual site exposure model, and conclusions.

### 7.2.1 Site Information

The following section presents information pertaining to the ecological setting of SS-61 and Holloman AFB. The description of the physical setting of Holloman AFB is based on information from Dr. Hildy Reiser, Natural Resources Manager, Holloman AFB (Reiser, 1999).

The vegetation types adjacent to the site were based on information from Dr. Hildy Reiser, Natural Resources Manager, Holloman AFB (Reiser, 1999). The ecological setting in the northern portion of SS-61, just north of DeZonia Drive, is sparsely vegetated and is classified as disturbed, with elements of the following vegetation types: gydropseed, alkali sacaton, and four-wing saltbush shrubland with honey mesquite. The closest permanent surface water features are Lake Holloman and Lake Stinky located approximately 3 miles away. North of SS-61, the habitat consists of native undisturbed habitat, including gydropseed habitat. The major surrounding vegetation is four-wing saltbush-alkali sacaton shrubland. A population of gramma grass cactus, a species highly affected by Base activities or a Base-sensitive species, occurs approximately 500 ft north of SS-61. A historic burrowing owl site is located approximately 600 ft west of SS-61. A population of barn owls is located approximately 450 ft northeast of SS-61.

The following mammals have been identified at Holloman AFB and may inhabit the area of SS-61: approximately 5 to 6 species of rodents (including the kangaroo rat), badger, oryx (an introduced exotic species of antelope from Africa), coyote, black-tailed jackrabbit, and cottontail rabbit. The following birds have also been sited on Base: mourning dove, western kingbird, Say's phoebe, American kestrel, Chihuahuan raven, loggerhead shrike (a Base-sensitive species), and horned lark. A variety of reptiles are known to occur, including western diamondback, coachwhip, Texas horned lizard (a Base-sensitive species), and other lizard species.

### 7.2.2 Site Visit

A site visit was performed as part of the Phase II RI field investigation. The site visit evaluated the current land use and ecological features present at the site. The number and types of plant and animal species present at the site were also observed during the site visit. The Checklist for Ecological Assessment/Sampling completed for the site visit is provided in Appendix E.

As previously discussed, the site consists of a gravel parking lot and several commercial buildings; approximately 6 to 12 inches of gravel cover the parking lot. Based on the Holloman AFB Management Plan, discussed in Section 7.1.3, it is likely that the site will remain an industrial area with a gravel parking lot in the foreseeable future. No significant drainage pattern was observed at the site during the site visit. A stormwater runoff catch basin is present in the parking lot north of Building 1079; another stormwater catchment is present southeast of Building 1080, at the eastern end of the runway. No signs of contamination (i.e., visual or olfactory) were observed during the site visit.

The vegetation at the site is sparse and occurs only in areas originally designated as landscaping. However, these areas are no longer maintained. Four concrete bermed planters and landscaped sections are located in the gravel parking lot. Minimal areas of exposed soil were observed at the site. During the site visit, cottontail rabbits, jack rabbits, lizards, and insects were the only animals observed at the site. Trees and low-lying grasses were the only types of vegetation present at the site. Based on the site visit and current and future land use, the habitat type present at the site is classified as a landscaped/disturbed industrial habitat.

### 7.2.3 Selection of Preliminary Chemicals of Potential Ecological Concern

The assessment of exposure and potential risk is based on site-related chemicals that may be associated with adverse effects on environmental receptors; these chemicals are considered COPECs. Data collected during the July 2000 field investigation were used in this ESA to identify preliminary COPECs at the site. NMED recommends a depth of 5 ft bgs as ecologically relevant (NMED, 2000). Based on the soil intervals sampled for the Phase II RI, soil samples collected to a depth of 6 ft bgs were evaluated as the closest approximation of NMED's recommendation. The identification of the preliminary soil and groundwater COPECs are discussed below.

### 7.2.3.1 *Detections in Site Soils and Groundwater*

As discussed above and in Section 5.0, soil and groundwater samples used for the ESA were collected during the 2000 Phase II RI field investigation.

### 7.2.3.2 *Ecological Relevancy*

The 0-to-5-ft-bgs soil stratum is considered to be an ecologically relevant depth to which potential ecological receptors would most likely be exposed (e.g., burrowing animals). All positively identified chemicals detected in soils from 0 to 6 ft bgs were considered preliminary COPECs. JP-4 is the only chemical detected in soil at 0 to 6 ft bgs and is the only preliminary soil COPEC considered for the site. Soil analytical results are included in Table 5-3; soil sampling locations are presented in Figure 5-2. The fate and transport of the preliminary soil COPEC is discussed in Section 6.0.

All positively identified chemicals detected in groundwater were initially considered preliminary COPECs: benzene, sec-butylbenzene, tert-butylbenzene, chloroform, 1,2-dibromoethane, 1,2-dichlorobenzene, 1,2-dichloroethane, ethylbenzene, 2-hexanone, isopropylbenzene, naphthalene, n-propylbenzene, toluene, trichloroethene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o,m,p-xylenes, and JP-4. Analytical results for groundwater detections are included in Table 5-6; Figure 5-51 provides groundwater sampling locations.

## 7.2.4 Site Conceptual Model

Complete exposure pathways identify the routes by which biological receptors may become exposed to the contaminated source media. Figure 7-2 presents the generalized site conceptual model for SS-61. Only those chemicals in media with a complete exposure pathway were considered for further evaluation as COPECs. A complete exposure pathway must include the following (NMED, 2000):

- A source and mechanism for chemical release to the environment
- An environmental transport medium for the chemical
- A contact point where a receptor comes into contact with the chemical
- An exposure route to the receptor (i.e., ingestion, inhalation, dermal contact)

As shown in Figure 7-2, while there is a source and mechanism for the preliminary soil COPECs to be released into soil and environmental transport medium, a point of contact does not exist between the potential terrestrial receptors and the preliminary soil COPECs. The approximately 6 to 12 inches of gravel prevents contact between potential terrestrial receptors (plants and animals) and the contaminated soil. The vehicle traffic in the gravel area and the gravel itself makes it difficult for plants to grow; no plants were observed outside of the originally designated landscaping areas. The gravel and vehicle traffic also make it an unlikely habitat for animals. It is unlikely that animals would burrow in the gravel; no animal burrows were observed in the gravel. If no contact point exists, an exposure route also does not exist and the potential terrestrial receptors are not being exposed to the preliminary COPECs.

Figure 7-2 also shows that groundwater is not considered a complete exposure pathway at SS-61. As with soil, there is a source and mechanism for the preliminary groundwater COPECs to be released into groundwater and environmental transport medium; however, a point of contact does not exist between the potential terrestrial receptors and the preliminary groundwater COPECs. Generally, the depth to groundwater at the site is approximately 12 feet bgs, below the depth at which an ecological receptor will occur. There is no groundwater discharge to surface water at this site, and groundwater is not used for irrigation or as livestock drinking water. If no contact point exists, an exposure route also does not exist and the potential aquatic or terrestrial receptors are not being exposed to the preliminary COPECs.

### 7.3 RISK ASSESSMENT SUMMARY AND CONCLUSIONS

Based on the risk assessments conducted during the Phase I and II RIs, no unacceptable risk to potential receptors was found in the northern or southern portions at SS-61. In the screening-level HHRA, chemicals detected in soils less than 12 ft bgs were compared to Holloman AFB action levels and EPA Region VI HHSLs for residential and industrial receptors (EPA, 1999). In the southern portion of the site JP-4 and styrene were the only two chemicals detected in this soil interval. Styrene was detected at concentrations below the HHSL. JP-4 was detected in 3 out of 28 soil samples collected in the 0- to 12-ft interval; styrene was only detected once in these samples. One JP-4 detection exceeded the Holloman AFB action level for TRPH. The low concentrations and infrequency of detections suggest that the concentrations of JP-4 are generally

negligible and the occurrence of JP-4 is infrequent enough that the receptor would rarely, if ever, come into contact with the COPC.

Of the chemicals evaluated during the Phase I RI in the northern portion of SS-61, detections of ethylbenzene and total xylenes were detected at concentrations less than PRGs, and TRPH was detected at concentrations less than the Base action level of 1,000 mg/kg. Benzene was detected at a concentration exceeding the Holloman AFB action level and PRG, but no unacceptable risk due to exposure from benzene is anticipated because this elevated concentration was detected in only one subsurface sample. The HHRA conservatively assumes that exposure to the potential receptor is due to the maximum detected concentration at the site, and receptors would more typically be exposed to a wide range of concentrations, resulting in a lower average exposure. Groundwater was not evaluated in the HHRA because a complete exposure pathway does not exist between groundwater and any receptors.

The ESA evaluated whether ecological receptors, COPECs, and/or exposure pathways exist at the site. The potential risk to ecological receptors from exposure to chemicals in soil and groundwater was evaluated during the Phase I RI in the northern part of SS-61. No chemicals were identified that met all of the COPEC criteria. COPEC criteria in this evaluation were (1) positive identification in site soils or groundwater, (2) ecological relevancy, (3) existence of a complete exposure pathway for each ecological receptor, and (4) detection at concentrations greater than Holloman AFB action levels. Therefore, no risk to potential receptors from exposure to soils or groundwater is expected in the northern part of SS-61.

During the Phase II RI, 1 preliminary soil COPEC and 17 preliminary groundwater COPECs were identified during the Phase II RI field investigation. The southern part of the site does not provide a wildlife habitat. It is covered with a thick layer of gravel and contains several buildings; a few landscaped planters contain the only plants visible at the site. Based on the results of a conceptual site model it was determined that no point of contact exists between potential terrestrial ecological receptors and preliminary COPECs in soil. There is also no point of contact between potential terrestrial and aquatic receptors and preliminary groundwater COPECs. Because no point of contact exists, or is expected to exist in the future, between

potential receptors and preliminary COPECs, there is no exposure to the preliminary COPECs; therefore no risk is present.

Based on the conclusions of the Phase I and Phase II RI HHRAs and ESAs, risk to human and ecological receptors is minimal and no further action is recommended at SS-61.

**Table 7-1. Comparison of Soil Data HHSLs and Holloman AFB Action Levels**

<b>Analyte</b>	<b>CAS Number</b>	<b>Minimum Concentration (mg/kg)</b>	<b>Maximum Concentration (mg/kg)</b>	<b>Location of Maximum Concentration</b>	<b>Detection Frequency</b>	<b>Action Level<sup>(a)</sup> (mg/kg)</b>	<b>Residential Soil HHSL<sup>(b)</sup> (mg/kg)</b>	<b>Industrial Soil HHSL<sup>(b)</sup> (mg/kg)</b>
Styrene	100-42-5	ND	1.4	SS61-DP49 11 to 12 ft	1/28	NA	1,700 (sat)	1,700 (sat)
JP-4	NA	ND	7,800	SS61-DP40 1 to 2 ft	3/28	1,000	NA	NA

Notes:

(a) NMED 1995

(b) EPA 1999

Data for soil samples collected at depths shallower than 12.5 ft were considered for the risk assessment.

AFB - Air Force Base

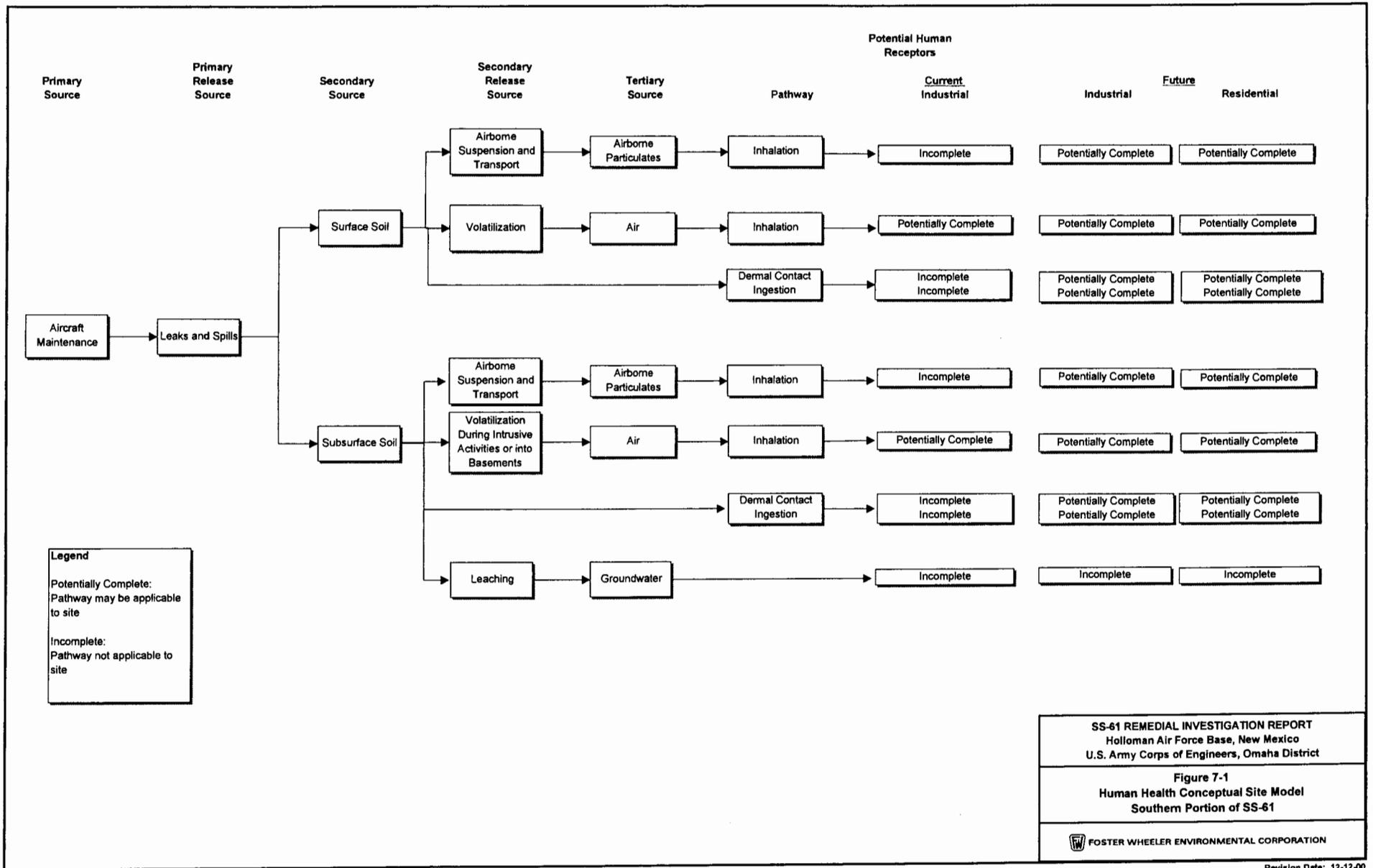
CAS - Chemical abstract service

HHSL - Human health medium-specific screening level

mg/kg - Milligrams per kilogram

NA - Not applicable

sat - HHSL equal to the saturation point

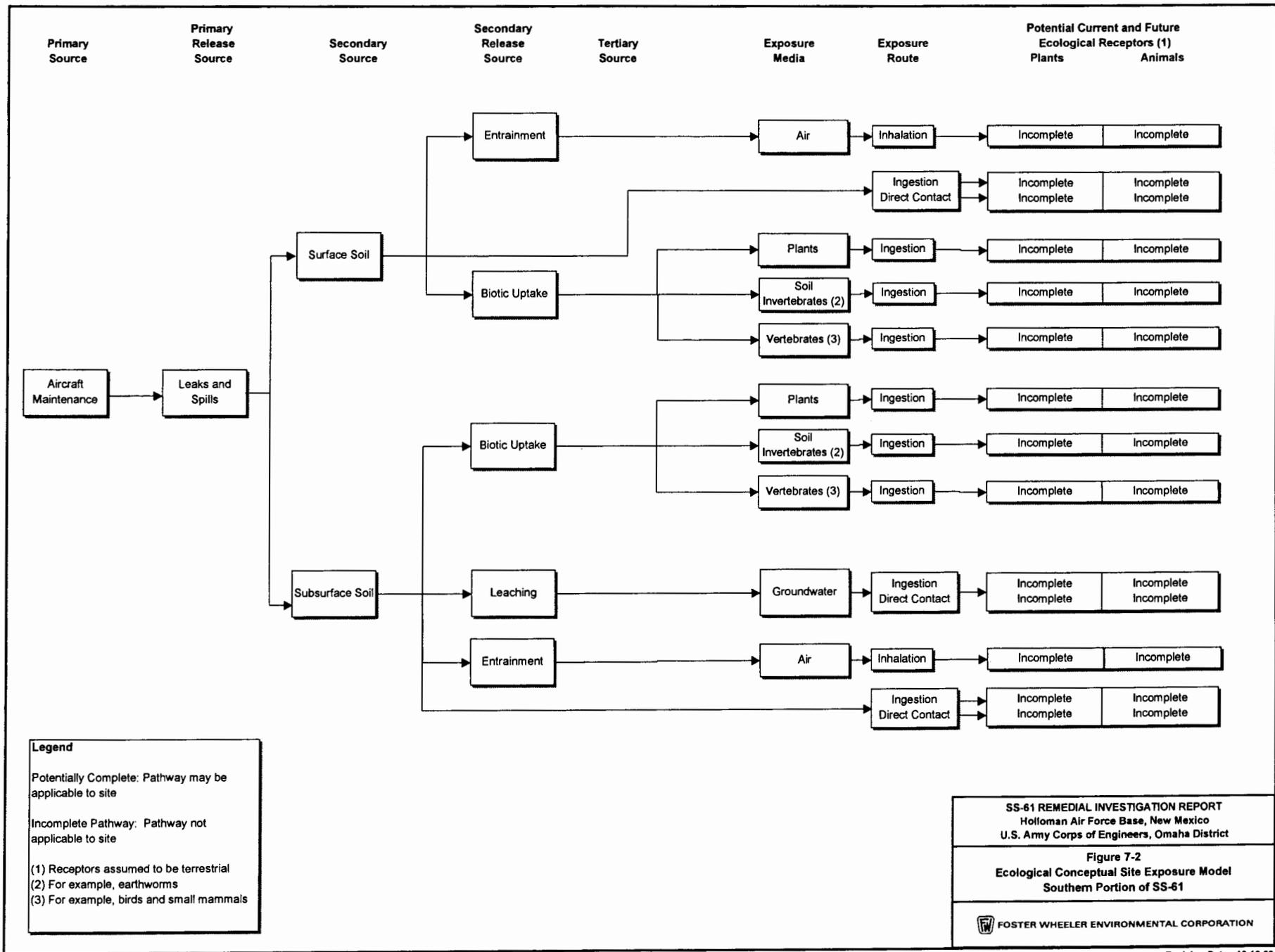


SS-61 REMEDIAL INVESTIGATION REPORT  
 Holloman Air Force Base, New Mexico  
 U.S. Army Corps of Engineers, Omaha District

Figure 7-1  
 Human Health Conceptual Site Model  
 Southern Portion of SS-61

POSTER WHEELER ENVIRONMENTAL CORPORATION

Revision Date: 12-12-00



Revision Date: 12-12-00

Figure 7-2.xls.xls 12/12/2000

## 8.0 REMEDIAL INVESTIGATION SUMMARY AND CONCLUSIONS

A summary of the nature and extent of contamination and the results of the risk assessment are presented below to support the recommendation for future programs at SS-61.

### 8.1 SUMMARY OF NATURE AND EXTENT OF CONTAMINATION

The nature and extent of contamination in the northern part of SS-61 was assessed using the analytical results for samples collected during the Phase I and Phase II RIs conducted in 1996 and 1997 (Foster Wheeler and GTI, 1997b) and the Phase I RI in 1999 (Foster Wheeler, 1999b). These investigations included soil vapor, soil, and groundwater sampling. In addition, the RI included detailed site mapping and a geophysical survey.

The geophysical survey identified the components of an underground pipeline extending from the former AST system in the northern portion of SS-61. Underground piping was traced from the former locations of two ASTs to the concrete pad north of DeZonia Drive, which was apparently once used to dispense fuel; and piping was also traced to the tarmac southeast of Building 1079. South of DeZonia Drive the geophysical survey indicated other features in the subsurface which include a concrete sump on the northwest corner of Building 1079 and the sanitary sewer which trends east-west along the north side of Building 1079.

TRPH and VOC constituents were detected in soil samples collected during the RI at SS-61. Some of these detections occurred in samples collected from the capillary fringe zone directly above the water table. These detections indicate contaminant migration in groundwater. A small number of detections occurred in soil samples from the unsaturated zone. During the Phase I RI, one of these samples contained 37,970 µg/kg of total BTEX, and one sample contained 430 µg/kg of total BTEX. These samples were collected in the vicinity of the concrete pad. Only one soil sample collected during the Phase II RI exceeded the petroleum hydrocarbon action level. This isolated occurrence of petroleum is likely due to a previous surface spill in the area. Surface petroleum contamination was not visible in the area investigated during both phases of the RI. BTEX constituents are the main contaminants detected in groundwater samples at SS-61 in the area north of DeZonia Drive, although several other VOCs constituents were also detected. The

higher concentrations of BTEX near the concrete pad indicate that historic releases at the pad account for this plume. The main BTEX contamination extends from the area of the concrete pad north toward the southeast corner of SWMU 104. Groundwater contamination detected during the Phase II RI indicates that BTEX are not prevalent south of DeZonia Drive.

Chlorinated solvents in groundwater (chloroform, 1,2-dichloroethane, and TCE) were detected at low concentrations on the eastern and western boundaries of the site and are likely present in groundwater due to past releases of cleaning fluids used in aircraft maintenance in the area.

Neither the RFI or RI investigations identified significant vadose zone soil contamination that could be a continuing source of groundwater contamination. LNAPL was not observed at the water table during any of the sampling activities in 1996, 1997, 1999, and 2000.

## 8.2 RISK ASSESSMENT SUMMARY

The human health risk assessment (HHRA) and ecological sloping assessment (ESA) completed for southern portion of SS-61 in this Phase II RI, together with the screening-level human health and ecological risk assessments completed for the northern portion of SS-61 in the Phase I RI, comprehensively evaluated the magnitude and probability of threats to public health and the environment posed by site-related chemicals in untreated soil and groundwater at SS-61.

### 8.2.1 Screening-Level Human Health Risk Assessment

Based on the risk assessments conducted during the Phase I and II RIs, no unacceptable risk to potential receptors was found in the northern or southern portions at SS-61. In the screening-level HHRA, chemicals detected in soils less than 12 ft bgs were compared to Holloman AFB action levels and EPA Region VI HHSLs for residential and industrial receptors (EPA, 1999).

Of the chemicals evaluated during the Phase I RI in the northern portion of SS-61, detections of all but one COPCs were less than PRGs. Benzene was detected at a concentration exceeding the Holloman AFB action level and PRG, but no unacceptable risk due to exposure from benzene is anticipated because this elevated concentration was detected in only one subsurface sample.

TRPH was detected at concentrations less than the Base action level of 1,000 mg/kg.

During the Phase II RI JP-4 and styrene were the only two chemicals detected in this soil interval. Styrene was detected at concentrations below the HHSL. JP-4 was detected in 3 out of 28 soil samples collected in the 0- to 12-ft interval; styrene was only detected once in these samples. One JP-4 detection exceeded the Holloman AFB action level for TRPH. The low concentrations and infrequency of detections suggest that the concentrations of JP-4 are generally negligible and the occurrence of JP-4 is infrequent enough that the receptor would rarely, if ever, come into contact with the COPC.

Groundwater was not evaluated in the HHRA because a complete exposure pathway does not exist between groundwater and any receptors.

### 8.2.2 Screening-Level Ecological Risk Assessment

The ESA evaluated whether ecological receptors, COPECs, and/or exposure pathways exist at the site. The potential risk to ecological receptors from exposure to chemicals in soil and groundwater was evaluated during the Phase I and Phase II RI is negligible.

During the Phase I RI no chemicals were identified that met all of the COPEC criteria. COPEC criteria in this evaluation were (1) positive identification in site soils or groundwater, (2) ecological relevancy, (3) existence of a complete exposure pathway for each ecological receptor, and (4) detection at concentrations greater than Holloman AFB action levels. Therefore, no risk to potential receptors from exposure to soils or groundwater is expected in the northern part of SS-61.

During the Phase II RI, 1 preliminary soil COPEC and 17 preliminary groundwater COPECs were identified during the Phase II RI field investigation. The southern part of the site does not provide a wildlife habitat. Based on the results of a conceptual site model it was determined that no point of contact exists between potential terrestrial ecological receptors and preliminary COPECs in soil. There is also no point of contact between potential terrestrial and aquatic receptors and preliminary groundwater COPECs. Because no point of contact exists, or is expected to exist in the future, between potential receptors and preliminary COPECs, there is no exposure to the preliminary COPECs; therefore no risk is present.

### 8.3 CONCLUSIONS AND RECOMMENDATIONS FOR SS-61

Based on the comparison of maximum contaminant concentrations detected during both phases of the RI to action levels for soil and groundwater, no further action is recommended for SS-61. This recommendation is supported by the Phase I and Phase II RI human health and ecological risk assessments, which found no significant risk to human health or ecological receptors in the northern and southern portions of the site. No soil contamination was detected that would cause a continuing release of contamination or further degradation of groundwater. Free-phase product has not been observed in groundwater at the site in 1999 or 2000. Therefore, no action is needed to protect human health or the environment in the southern part of the site or SS-61 in its entirety.

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**Appendix A**

**Chemical Analytical Data and Data Quality Control Summary Report**

## DATA QUALITY CONTROL SUMMARY REPORT

The analytical program for the SS-61 Phase II Remedial Investigation (RI) consisted of chemical testing performed by Kemron Environmental Services, Inc. (Kemron), Marietta, Ohio.

Analytical methods for chemical analysis are taken from the latest revision of United States Environmental Protection Agency (EPA) Test Methods for Evaluating Solid Waste, SW-846 Third Edition (1986); and EPA Methods for Chemical Analysis of Water and Waste, Manual 600/4-79-020 (1979). The specific analytical methods used for the SS-61 RI are as follows:

- Volatile organic compounds (VOCs) in soil—Methods 5030/8260B
- VOCs in water—Method 8260B
- Total recoverable petroleum hydrocarbons (TRPH) in soil—Methods 9071/418.1
- Total petroleum hydrocarbons, JP-4 in water—Method 8150 modified

### 1.0 DATA VALIDATION

The data validation procedure used for the SS-61 Phase II RI is in accordance with the EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA 1994). One hundred percent of the analytical data were reviewed for the following criteria:

- Completeness of data deliverables
- Extraction and analysis holding times
- Blank data (method and trip)
- System monitoring compounds (surrogate recoveries)
- Matrix spike/matrix spike duplicate (MS/MSD) recovery
- Laboratory control sample (LCS) recovery
- Overall data assessment

#### 1.1 Data Presentation and Evaluation

The types of laboratory quality control (QC) samples associated with the Phase II RI include method blanks, LCS, and MS/MSD samples. These QC samples are used to measure the analytical method precision and accuracy. The method blank is used to assess laboratory contamination. The results of the laboratory QC sample data are summarized below.

Field QC samples were also collected in support of the Phase II RI. Field duplicate samples were collected to assess the precision associated with the sampling activities and laboratory

analyses, as well as to determine data comparability. Trip blank samples were used for shipments containing water samples for VOC analysis to assess potential contamination resulting from shipping. The results of the field QC samples are summarized below.

#### 1.1.1 Holding Times

Representativeness of the data is determined through review of extraction and analysis holding times in conjunction with review of blank data in accordance with EPA analytical method holding time guidelines. All holding times were met for the SS-61 samples.

#### 1.1.2. Laboratory Method Blank Samples

Laboratory method blank samples were analyzed with each sample delivery group (SDG) for each analytical method. A SDG contains a maximum of 10 field samples, grouped and analyzed together based on date of receipt at the laboratory. Method blank detections were evaluated as part of the validation process. Detections of 2-butanone; 1,2,3-trichlorobenzene; 1,2,4-trichlorobenzene; hexachlorobutadiene; naphthalene; acetone; bromomethane; and iodomethane were reported in VOC soil and water method blank samples; however, no detections of these VOCs were reported in the associated field samples. No detections were reported in the method blank samples for TRPH and JP-4. No data were qualified based on method blank sample detections. The representativeness of the data was 100 percent based on method blank results.

#### 1.1.3 Laboratory Control Samples

Laboratory control samples were analyzed with each batch of field samples for each analytical method. LCS sample recoveries reported at concentrations above or below the method-specific control limits may result in qualification of analytes in the associated field samples based on the sample concentration. Method 8260B LCS sample recoveries in SDGs 5061, 5062, 5101, 5103, 5158, 5159, 5338, 5339, and 5340 were above the method-specific control limit; however, no data required qualification based on the data validation criteria. The elevated LCS recoveries are a result of the analyte detections reported in the method blank samples. The LCS recoveries for TRPH and JP-4 were within the method control limits. The LCS data are used in conjunction with the matrix spike recovery data and the system monitoring compound recoveries to determine the accuracy of the analytical data.

The LCS recoveries for all analytical parameters were within the method control limits or did not result in qualification of data, indicating the accuracy of the data was 100 percent.

#### 1.1.4 Matrix Spike Samples

Laboratory MS/MSD samples were analyzed at a frequency of 5 percent for each analytical method. The MS/MSD sample recoveries were evaluated in conjunction with the other batch QC sample recoveries to determine the need for qualification of analytical data. No analytical data were qualified based on MS/MSD recoveries.

##### *1.1.4.1 Volatile Organic Compounds*

Eleven MS/MSD samples were analyzed using EPA Method 8260B for VOCs. The recoveries were within the method-specific control limits, with the exception of individual analyte recoveries in SDGs 5061, 5062, 5101, 5338, 5339, and 5340. The relative percent difference (RPD) for all MS/MSD samples was within the method control limits. In accordance with the validation guidelines, no data were qualified as a result of the MS/MSD recoveries. MS/MSD recoveries indicate minimal matrix interference associated with the sample analysis.

##### *1.1.4.2 Total Recoverable Petroleum Hydrocarbons and JP-4*

Eight MS/MSD samples were analyzed using EPA Methods 9071/481.1 for TRPH and modified 8015 for JP-4. All MS/MSD recoveries were within the method control limit, indicating no matrix interference associated with the sample analyses.

#### 1.1.5 System Monitoring Compounds

System monitoring compounds, also known as surrogate spike compounds, are used for the gas chromatography/mass spectrometry analytical method (8260B) and the gas chromatography method (8015) to monitor the performance of an individual sample during extraction and analysis. The system monitoring compounds for Method 8015 (JP-4) and Method 8260B (VOCs) were below the method control criteria in the samples identified below, resulting in J-qualified or estimated values.

- SS61DP42W14—JP-4
- SS61DP41W15D—JP-4
- SS61DP44W15—JP-4

- SS61DP46W11—JP-4
- SS61DP39W12—JP-4
- SS61DP49W9—VOCs
- SS61DP49W9D—VOCs
- SS61DP50W13—JP-4 and VOCs
- SS61DP51W14—JP-4
- SS61MW03—JP-4 and VOCs
- SS61MW04—VOCs
- SS61MW06—JP-4 and VOCs
- SS61MW10—VOCs
- SS61MW11—VOCs

#### 1.1.6 Field Duplicate Samples

Two soil field duplicate samples, SS61DP45 9—10 feet and SS61DP51 14—15 feet, were collected and analyzed for VOCs and TRPH. No detections of VOCs or TRPH were reported in either the samples or the field duplicate samples. The RPDs for VOCs and TRPH were within 50 percent indicating a high level of precision associated with the sampling and analysis.

Four water field duplicate samples, SS61DP41W15, SS61DP49W9, SS61MW05, and SS61MW09, were collected and analyzed for VOCs and JP-4. Elevated concentrations of JP-4 and 10 VOCs were reported in sample SS61DP49W9, and JP-4 and 8 VOCs were reported in the duplicate sample. The elevated concentrations of JP-4 and VOCs resulted in RPDs for JP-4, benzene, and ethylbenzene above 50 percent. Chloroform was reported in sample SS61MW09 and chloroform and JP-4 were reported in the field duplicate sample. The low-level detection of chloroform was just above the reporting limit and therefore, not easily reproducible. The chloroform RPD was within the 50 percent criteria. No sample detections were reported for samples SS61DP41W15 and SS61MW05. The RPDs for water field duplicate samples indicate a high level of precision associated with the sampling and analysis.

## 2.0 DATA ASSESSMENT

As a result of the data validation procedure, it was determined that less than 1 percent of the analytical data for the SS-61 RI were qualified as estimated. No analytical data were rejected

(R-qualified) or associated with blank contamination (B-qualified). Analytical data were J-qualified based on the following validation criteria:

- Method 8015 system monitoring compound (o-terphenyl) was below the method control limit—samples SS61DP42W14, SS61DP41W15D, SS61DP44W15, SS61DP39W12, SS61DP50W13, SS61DP51W14, SS61MW06—JP-4 detections
- Method 8015 system monitoring compound (octocosane) was below the method control limit—samples SS61DP46W11 and SS61MW03—JP-4 detections
- Method 8260B system monitoring compound (dibromofluoromethane) was below the method control limit—samples SS61DP49W9, SS61DP50W13, SS61MW04, SS61MW06, SS61MW10, SS61MW11, SS61MW03—all detections
- Method 8260B system monitoring compound (toluene d-8) was below the method control limit—samples SS61DP49W9D and SS61MW03—all detections
- Method 8260B system monitoring compound (1,2-dichloroethane d-4) was below the method control limit—sample SS61DP50W13—all detections

### 3.0 DATA USABILITY

Review of the QC data associated with the field sample data indicated project measurement data were reliable and fulfilled project data quality objectives. Sampling and analysis precision and accuracy for the SS-61 Phase II RI analytical data were acceptable, and valid conclusions may be drawn from the field sample data. Based on the data validation procedure, 58 data results were J-qualified (estimated data) but are still usable to determine the extent of contamination. No data were R- or B-qualified. A data completeness objective of greater than 99 percent was achieved for the Holloman AFB SS-61 Phase II RI.

**Holloman Air Force Base  
Chemical Analytical Data**

**Holloman Air Force Base  
SS61 Phase II RI  
Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
MW-29-02	21.62	6/22/00	N	M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
				SW8260	ACETONE	ND	0	UG/L	10	
					ACRYLONITRILE	ND	0	UG/L	10	
					BROMODICHLOROMETHANE	ND	0	UG/L	1	
					BROMOBENZENE	ND	0	UG/L	1	
					BROMOCHLOROMETHANE	ND	0	UG/L	1	
					BROMOMETHANE	ND	0	UG/L	2	
					n-BUTYLBENZENE	ND	0	UG/L	1	
					SEC-BUTYLBENZENE	ND	0	UG/L	1	
					t-BUTYLBENZENE	ND	0	UG/L	1	
					BENZENE	ND	0	UG/L	0.5	
					TOLUENE	ND	0	UG/L	0.5	
					CARBON DISULFIDE	ND	0	UG/L	1	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	
					CHLOROBENZENE	ND	0	UG/L	1	
					2-CHLOROTOLUENE	ND	0	UG/L	2	
					4-CHLOROTOLUENE	ND	0	UG/L	2	
					CHLOROETHANE	ND	0	UG/L	2	
					CHLOROMETHANE	ND	0	UG/L	2	
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	
					DIBROMOMETHANE	ND	0	UG/L	1	
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	
					1,2-DICHLOROETHANE	=	22	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
MW-29-02	21.62	6/22/00	N	SW8260	n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	=	1.3	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1						
MW-29-03	20.61			M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
				SW8260	ACETONE	ND	0	UG/L	10	
				ACRYLONITRILE	ND	0	UG/L	10		
				BROMODICHLOROMETHANE	ND	0	UG/L	1		
				BROMOBENZENE	ND	0	UG/L	1		
				BROMOCHLOROMETHANE	ND	0	UG/L	1		
				BROMOMETHANE	ND	0	UG/L	2		
				n-BUTYLBENZENE	ND	0	UG/L	1		
				SEC-BUTYLBENZENE	ND	0	UG/L	1		
				t-BUTYLBENZENE	ND	0	UG/L	1		
				BENZENE	ND	0	UG/L	0.5		
				TOLUENE	ND	0	UG/L	0.5		
				CARBON DISULFIDE	ND	0	UG/L	1		
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5		
				CHLOROBENZENE	ND	0	UG/L	1		
				2-CHLOROTOLUENE	ND	0	UG/L	2		
				4-CHLOROTOLUENE	ND	0	UG/L	2		
				CHLOROETHANE	ND	0	UG/L	2		
				CHLOROMETHANE	ND	0	UG/L	2		
				CARBON TETRACHLORIDE	ND	0	UG/L	0.5		
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2						
DIBROMOCHLOROMETHANE	ND	0	UG/L	5						
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2						
DIBROMOMETHANE	ND	0	UG/L	1						
1,1-DICHLOROETHANE	ND	0	UG/L	0.5						
1,2-DICHLOROETHANE	ND	0	UG/L	0.5						
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10						
1,2-DICHLOROBENZENE	ND	0	UG/L	1						
1,3-DICHLOROBENZENE	ND	0	UG/L	1						
1,4-DICHLOROBENZENE	ND	0	UG/L	1						
1,1-DICHLOROETHENE	ND	0	UG/L	0.5						

**Holloman Air Force Base  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
MW-29-03	20.61	6/22/00	N	SW8260	cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	=	6	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1						
MW-29-05	23.75			M8015D SW8260	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
					ACETONE	ND	0	UG/L	10	
					ACRYLONITRILE	ND	0	UG/L	10	
					BROMODICHLOROMETHANE	ND	0	UG/L	1	
					BROMOBENZENE	ND	0	UG/L	1	
					BROMOCHLOROMETHANE	ND	0	UG/L	1	
					BROMOMETHANE	ND	0	UG/L	2	
					n-BUTYLBENZENE	ND	0	UG/L	1	
					SEC-BUTYLBENZENE	=	3.5	UG/L	1	
					t-BUTYLBENZENE	=	2.2	UG/L	1	

**Holloman Air Force Base  
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Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
MW-29-05	23.75	6/22/00	N	SW8260	BENZENE	=	79	UG/L	0.5	
					TOLUENE	ND	0	UG/L	0.5	
					CARBON DISULFIDE	ND	0	UG/L	1	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	
					CHLOROBENZENE	ND	0	UG/L	1	
					2-CHLOROTOLUENE	ND	0	UG/L	2	
					4-CHLOROTOLUENE	ND	0	UG/L	2	
					CHLOROETHANE	ND	0	UG/L	2	
					CHLOROMETHANE	ND	0	UG/L	2	
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	
					DIBROMOMETHANE	ND	0	UG/L	1	
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	
					1,2-DICHLOROETHANE	=	160	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	=	400	UG/L	20	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
MW-29-05	23.75	6/22/00	N	SW8260	1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5						
					CHLOROFORM	ND	0	UG/L	0.5						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	0.5						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1						
					MW-29-06	24.05			M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
									SW8260	ACETONE	ND	0	UG/L	10	
									ACRYLONITRILE	ND	0	UG/L	10		
BROMODICHLOROMETHANE	ND	0	UG/L	1											
BROMOBENZENE	ND	0	UG/L	1											
BROMOCHLOROMETHANE	ND	0	UG/L	1											
BROMOMETHANE	ND	0	UG/L	2											
n-BUTYLBENZENE	ND	0	UG/L	1											
SEC-BUTYLBENZENE	ND	0	UG/L	1											
t-BUTYLBENZENE	ND	0	UG/L	1											
BENZENE	ND	0	UG/L	0.5											
TOLUENE	=	1.2	UG/L	0.5											
CARBON DISULFIDE	ND	0	UG/L	1											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5											
CHLOROBENZENE	ND	0	UG/L	1											
2-CHLOROTOLUENE	ND	0	UG/L	2											
4-CHLOROTOLUENE	ND	0	UG/L	2											
CHLOROETHANE	ND	0	UG/L	2											
CHLOROMETHANE	ND	0	UG/L	2											
CARBON TETRACHLORIDE	ND	0	UG/L	0.5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2											
DIBROMOMETHANE	ND	0	UG/L	1											
1,1-DICHLOROETHANE	ND	0	UG/L	0.5											
1,2-DICHLOROETHANE	=	3.1	UG/L	0.5											
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10											
1,2-DICHLOROBENZENE	ND	0	UG/L	1											
1,3-DICHLOROBENZENE	ND	0	UG/L	1											
1,4-DICHLOROBENZENE	ND	0	UG/L	1											
1,1-DICHLOROETHENE	ND	0	UG/L	0.5											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5											
trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5											
1,1-DICHLOROPROPENE	ND	0	UG/L	1											
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5											
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5											
1,2-DICHLOROPROPANE	ND	0	UG/L	0.5											
1,3-DICHLOROPROPANE	ND	0	UG/L	2											
2,2-DICHLOROPROPANE	ND	0	UG/L	1											
ETHYLBENZENE	ND	0	UG/L	0.5											
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1											

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
MW-29-06	24.05	6/22/00	N	SW8260	TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	
					SS61-DP38	6	5/3/00		E418.1	PETROLEUM HYDROCARBONS
SW8260	ACETONE	ND	0	UG/KG					12000	
BROMODICHLOROMETHANE	ND	0	UG/KG	620						
BROMOBENZENE	ND	0	UG/KG	620						
BROMOCHLOROMETHANE	ND	0	UG/KG	620						
BROMOMETHANE	ND	0	UG/KG	1200						
n-BUTYLBENZENE	ND	0	UG/KG	620						
SEC-BUTYLBENZENE	ND	0	UG/KG	620						
t-BUTYLBENZENE	ND	0	UG/KG	620						
BENZENE	ND	0	UG/KG	620						
TOLUENE	ND	0	UG/KG	620						
CARBON DISULFIDE	ND	0	UG/KG	620						
2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1200						
CHLOROBENZENE	ND	0	UG/KG	620						
2-CHLOROTOLUENE	ND	0	UG/KG	620						
4-CHLOROTOLUENE	ND	0	UG/KG	620						
CHLOROETHANE	ND	0	UG/KG	1200						
CHLOROMETHANE	ND	0	UG/KG	1200						
CARBON TETRACHLORIDE	ND	0	UG/KG	620						
P-CYME (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	620						

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP38	6	5/3/00	N	SW8260	DIBROMOCHLOROMETHANE	ND	0	UG/KG	620	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	620	
					DIBROMOMETHANE	ND	0	UG/KG	620	
					1,1-DICHLOROETHANE	ND	0	UG/KG	620	
					1,2-DICHLOROETHANE	ND	0	UG/KG	620	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	620	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	620	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	620	
					1,1-DICHLOROETHENE	ND	0	UG/KG	620	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	620	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	620	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	620	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	620	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	620	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	620	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	620	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	620	
					ETHYLBENZENE	ND	0	UG/KG	620	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	620	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1200	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1200	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	620	
					2-HEXANONE	ND	0	UG/KG	1200	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	620	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	12000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1200	
					METHYLENE CHLORIDE	ND	0	UG/KG	620	
					NAPHTHALENE	ND	0	UG/KG	1200	
					n-PROPYLBENZENE	ND	0	UG/KG	620	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	620	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	620	
					STYRENE	ND	0	UG/KG	620	
					BROMOFORM	ND	0	UG/KG	620	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	620	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	620	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	620	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	620	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	620	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	620	
					CHLOROFORM	ND	0	UG/KG	620	
1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	620						
1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	620						
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	620						
VINYL ACETATE	ND	0	UG/KG	1200						
VINYL CHLORIDE	ND	0	UG/KG	1200						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	620						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	620						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	620						
11				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	34	
				SW8260	ACETONE	ND	0	UG/KG	13000	
					BROMODICHLOROMETHANE	ND	0	UG/KG	640	
					BROMOBENZENE	ND	0	UG/KG	640	

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP38	11	5/3/00	N	SW8260	BROMOCHLOROMETHANE	ND	0	UG/KG	640	
					BROMOMETHANE	ND	0	UG/KG	1300	
					n-BUTYLBENZENE	ND	0	UG/KG	640	
					SEC-BUTYLBENZENE	ND	0	UG/KG	640	
					1-BUTYLBENZENE	ND	0	UG/KG	640	
					BENZENE	ND	0	UG/KG	640	
					TOLUENE	ND	0	UG/KG	640	
					CARBON DISULFIDE	ND	0	UG/KG	640	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1300	
					CHLOROBENZENE	ND	0	UG/KG	640	
					2-CHLOROTOLUENE	ND	0	UG/KG	640	
					4-CHLOROTOLUENE	ND	0	UG/KG	640	
					CHLOROETHANE	ND	0	UG/KG	1300	
					CHLOROMETHANE	ND	0	UG/KG	1300	
					CARBON TETRACHLORIDE	ND	0	UG/KG	640	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	640	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	640	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	640	
					DIBROMOMETHANE	ND	0	UG/KG	640	
					1,1-DICHLOROETHANE	ND	0	UG/KG	640	
					1,2-DICHLOROETHANE	ND	0	UG/KG	640	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	640	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	640	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	640	
					1,1-DICHLOROETHENE	ND	0	UG/KG	640	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	640	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	640	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	640	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	640	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	640	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	640	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	640	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	640	
					ETHYLBENZENE	ND	0	UG/KG	640	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	640	
					TRICHLOROFUOROMETHANE	ND	0	UG/KG	1300	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1300	
					HEXACHLOROBTADIENE	ND	0	UG/KG	640	
					2-HEXANONE	ND	0	UG/KG	1300	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	640	
METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	13000						
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1300						
METHYLENE CHLORIDE	ND	0	UG/KG	640						
NAPHTHALENE	ND	0	UG/KG	1300						
n-PROPYLBENZENE	ND	0	UG/KG	640						
1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	640						
TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	640						
STYRENE	ND	0	UG/KG	640						
BROMOFORM	ND	0	UG/KG	640						
1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	640						
1,1,1-TRICHLOROETHANE	ND	0	UG/KG	640						
1,1,2-TRICHLOROETHANE	ND	0	UG/KG	640						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual				
SS61-DP38	11	5/3/00	N	SW8260	1,2,3-TRICHLOROENZENE	ND	0	UG/KG	640					
					1,2,4-TRICHLOROENZENE	ND	0	UG/KG	640					
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	640					
					CHLOROFORM	ND	0	UG/KG	640					
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	640					
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	640					
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	640					
					VINYL ACETATE	ND	0	UG/KG	1300					
					VINYL CHLORIDE	ND	0	UG/KG	1300					
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	640					
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	640					
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	640					
					8	5/4/00		M8015D SW8260	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
									ACETONE	ND	0	UG/L	100	
BROMODICHLOROMETHANE	ND	0	UG/L	5										
BROMOBENZENE	ND	0	UG/L	5										
BROMOCHLOROMETHANE	ND	0	UG/L	5										
BROMOMETHANE	ND	0	UG/L	10										
n-BUTYLBENZENE	ND	0	UG/L	5										
SEC-BUTYLBENZENE	ND	0	UG/L	5										
t-BUTYLBENZENE	ND	0	UG/L	5										
BENZENE	ND	0	UG/L	5										
TOLUENE	ND	0	UG/L	5										
CARBON DISULFIDE	ND	0	UG/L	5										
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10										
CHLOROBENZENE	ND	0	UG/L	5										
2-CHLOROTOLUENE	ND	0	UG/L	5										
4-CHLOROTOLUENE	ND	0	UG/L	5										
CHLOROETHANE	ND	0	UG/L	10										
CHLOROMETHANE	ND	0	UG/L	10										
CARBON TETRACHLORIDE	ND	0	UG/L	5										
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5										
DIBROMOCHLOROMETHANE	ND	0	UG/L	5										
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5										
DIBROMOMETHANE	ND	0	UG/L	5										
1,1-DICHLOROETHANE	ND	0	UG/L	5										
1,2-DICHLOROETHANE	ND	0	UG/L	5										
1,2-DICHLOROBENZENE	ND	0	UG/L	5										
1,3-DICHLOROBENZENE	ND	0	UG/L	5										
1,4-DICHLOROBENZENE	ND	0	UG/L	5										
1,1-DICHLOROETHENE	ND	0	UG/L	5										
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5										
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5										
1,1-DICHLOROPROPENE	ND	0	UG/L	5										
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5										
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5										
1,2-DICHLOROPROPANE	ND	0	UG/L	5										
1,3-DICHLOROPROPANE	ND	0	UG/L	5										
2,2-DICHLOROPROPANE	ND	0	UG/L	5										
ETHYLBENZENE	ND	0	UG/L	5										
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5										
TRICHLOROFLUOROMETHANE	ND	0	UG/L	10										

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP38	8	5/4/00	N	SW8260	DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	10	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	
SS61-DP39	12	5/3/00		M8015D	PETROLEUM HYDROCARBONS	=	5600	UG/L	500	J
				SW8260	ACETONE	ND	0	UG/L	1000	
					BROMODICHLOROMETHANE	ND	0	UG/L	50	
					BROMOBENZENE	ND	0	UG/L	50	
					BROMOCHLOROMETHANE	ND	0	UG/L	50	
					BROMOMETHANE	ND	0	UG/L	100	
					n-BUTYLBENZENE	ND	0	UG/L	50	
					SEC-BUTYLBENZENE	ND	0	UG/L	50	
					t-BUTYLBENZENE	=	85	UG/L	50	
					BENZENE	=	8900	UG/L	500	
					TOLUENE	ND	0	UG/L	50	
					CARBON DISULFIDE	ND	0	UG/L	50	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	100	
					CHLOROBENZENE	ND	0	UG/L	50	
					2-CHLOROTOLUENE	ND	0	UG/L	50	
					4-CHLOROTOLUENE	ND	0	UG/L	50	
					CHLOROETHANE	ND	0	UG/L	100	
					CHLOROMETHANE	ND	0	UG/L	100	
					CARBON TETRACHLORIDE	ND	0	UG/L	50	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	50	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	50	
	1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	50					
	DIBROMOMETHANE	ND	0	UG/L	50					
	1,1-DICHLOROETHANE	ND	0	UG/L	50					

**Holloman Air Force Base  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP39	12	5/3/00	N	SW8260	1,2-DICHLOROETHANE	ND	0	UG/L	50	
					1,2-DICHLOROBENZENE	ND	0	UG/L	50	
					1,3-DICHLOROBENZENE	ND	0	UG/L	50	
					1,4-DICHLOROBENZENE	ND	0	UG/L	50	
					1,1-DICHLOROETHENE	ND	0	UG/L	50	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	50	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	50	
					1,1-DICHLOROPROPENE	ND	0	UG/L	50	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	50	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	50	
					1,2-DICHLOROPROPANE	ND	0	UG/L	50	
					1,3-DICHLOROPROPANE	ND	0	UG/L	50	
					2,2-DICHLOROPROPANE	ND	0	UG/L	50	
					ETHYLBENZENE	ND	0	UG/L	50	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	50	
					TRICHLOROFUOROMETHANE	ND	0	UG/L	100	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	100	
					HEXACHLOROBUTADIENE	ND	0	UG/L	50	
					2-HEXANONE	ND	0	UG/L	100	
					ISOPROPYLBENZENE (CUMENE)	=	620	UG/L	50	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	1000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	100	
					METHYLENE CHLORIDE	ND	0	UG/L	50	
					NAPHTHALENE	ND	0	UG/L	100	
					n-PROPYLBENZENE	ND	0	UG/L	50	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	50	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	50	
					STYRENE	ND	0	UG/L	50	
					BROMOFORM	ND	0	UG/L	50	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	50	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	50	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	50	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	50	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	50	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	50	
					CHLOROFORM	ND	0	UG/L	50	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	50	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	50	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	50	
					VINYL ACETATE	ND	0	UG/L	100	
					VINYL CHLORIDE	ND	0	UG/L	100	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	50	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	50	
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	50						
11				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	33	
				SW8260	ACETONE	ND	0	UG/KG	11000	
				BROMODICHLOROMETHANE	ND	0	UG/KG	530		
				BROMOBENZENE	ND	0	UG/KG	530		
				BROMOCHLOROMETHANE	ND	0	UG/KG	530		
				BROMOMETHANE	ND	0	UG/KG	1100		
				n-BUTYLBENZENE	ND	0	UG/KG	530		
				SEC-BUTYLBENZENE	ND	0	UG/KG	530		

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP39	11	5/3/00	N	SW8260	t-BUTYLBENZENE	ND	0	UG/KG	530	
					BENZENE	ND	0	UG/KG	530	
					TOLUENE	ND	0	UG/KG	530	
					CARBON DISULFIDE	ND	0	UG/KG	530	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1100	
					CHLOROBENZENE	ND	0	UG/KG	530	
					2-CHLOROTOLUENE	ND	0	UG/KG	530	
					4-CHLOROTOLUENE	ND	0	UG/KG	530	
					CHLOROETHANE	ND	0	UG/KG	1100	
					CHLOROMETHANE	ND	0	UG/KG	1100	
					CARBON TETRACHLORIDE	ND	0	UG/KG	530	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	530	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	530	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	530	
					DIBROMOMETHANE	ND	0	UG/KG	530	
					1,1-DICHLOROETHANE	ND	0	UG/KG	530	
					1,2-DICHLOROETHANE	ND	0	UG/KG	530	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	530	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	530	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	530	
					1,1-DICHLOROETHENE	ND	0	UG/KG	530	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	530	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	530	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	530	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	530	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	530	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	530	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	530	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	530	
					ETHYLBENZENE	ND	0	UG/KG	530	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	530	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1100	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1100	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	530	
					2-HEXANONE	ND	0	UG/KG	1100	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	530	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	11000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1100	
					METHYLENE CHLORIDE	ND	0	UG/KG	530	
					NAPHTHALENE	ND	0	UG/KG	1100	
					n-PROPYLBENZENE	ND	0	UG/KG	530	
1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	530						
TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	530						
STYRENE	ND	0	UG/KG	530						
BROMOFORM	ND	0	UG/KG	530						
1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	530						
1,1,1-TRICHLOROETHANE	ND	0	UG/KG	530						
1,1,2-TRICHLOROETHANE	ND	0	UG/KG	530						
1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	530						
1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	530						
TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	530						
CHLOROFORM	ND	0	UG/KG	530						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP39	11	5/3/00	N	SW8260	1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	530	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	530	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	530	
					VINYL ACETATE	ND	0	UG/KG	1100	
					VINYL CHLORIDE	ND	0	UG/KG	1100	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	530	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	530	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	530	
	17			E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	33	
				SW8260	ACETONE	ND	0	UG/KG	11000	
					BROMODICHLOROMETHANE	ND	0	UG/KG	570	
					BROMOBENZENE	ND	0	UG/KG	570	
					BROMOCHLOROMETHANE	ND	0	UG/KG	570	
					BROMOMETHANE	ND	0	UG/KG	1100	
					n-BUTYLBENZENE	ND	0	UG/KG	570	
					SEC-BUTYLBENZENE	ND	0	UG/KG	570	
					t-BUTYLBENZENE	ND	0	UG/KG	570	
					BENZENE	ND	0	UG/KG	570	
					TOLUENE	ND	0	UG/KG	570	
					CARBON DISULFIDE	ND	0	UG/KG	570	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1100	
					CHLOROBENZENE	ND	0	UG/KG	570	
					2-CHLOROTOLUENE	ND	0	UG/KG	570	
					4-CHLOROTOLUENE	ND	0	UG/KG	570	
					CHLOROETHANE	ND	0	UG/KG	1100	
					CHLOROMETHANE	ND	0	UG/KG	1100	
					CARBON TETRACHLORIDE	ND	0	UG/KG	570	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	570	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	570	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	570	
					DIBROMOMETHANE	ND	0	UG/KG	570	
					1,1-DICHLOROETHANE	ND	0	UG/KG	570	
					1,2-DICHLOROETHANE	ND	0	UG/KG	570	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	570	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	570	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	570	
					1,1-DICHLOROETHENE	ND	0	UG/KG	570	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	570	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	570	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	570	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	570	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	570	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	570	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	570	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	570	
					ETHYLBENZENE	ND	0	UG/KG	570	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	570	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1100	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1100	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	570	
					2-HEXANONE	ND	0	UG/KG	1100	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	570	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP39	17	5/3/00	N	SW8260	METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	11000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1100	
					METHYLENE CHLORIDE	ND	0	UG/KG	570	
					NAPHTHALENE	ND	0	UG/KG	1100	
					n-PROPYLBENZENE	ND	0	UG/KG	570	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	570	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	570	
					STYRENE	ND	0	UG/KG	570	
					BROMOFORM	ND	0	UG/KG	570	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	570	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	570	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	570	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	570	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	570	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	570	
					CHLOROFORM	ND	0	UG/KG	570	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	570	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	570	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	570	
					VINYL ACETATE	ND	0	UG/KG	1100	
					VINYL CHLORIDE	ND	0	UG/KG	1100	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	570	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	570	
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	570						
1	7/5/00			E418.1	PETROLEUM HYDROCARBONS	=	260	MG/KG	31	
				SW8260	ACETONE	ND	0	UG/KG	1700	
				BROMODICHLOROMETHANE	ND	0	UG/KG	340		
				BROMOBENZENE	ND	0	UG/KG	340		
				BROMOCHLOROMETHANE	ND	0	UG/KG	340		
				BROMOMETHANE	ND	0	UG/KG	340		
				n-BUTYLBENZENE	ND	0	UG/KG	340		
				SEC-BUTYLBENZENE	ND	0	UG/KG	340		
				t-BUTYLBENZENE	ND	0	UG/KG	340		
				BENZENE	ND	0	UG/KG	340		
				TOLUENE	ND	0	UG/KG	340		
				CARBON DISULFIDE	ND	0	UG/KG	340		
				CHLOROBENZENE	ND	0	UG/KG	340		
				2-CHLOROTOLUENE	ND	0	UG/KG	340		
				4-CHLOROTOLUENE	ND	0	UG/KG	340		
				CHLOROETHANE	ND	0	UG/KG	340		
				CHLOROMETHANE	ND	0	UG/KG	340		
				CARBON TETRACHLORIDE	ND	0	UG/KG	340		
				P-CYMENE (p-ISOPROPYL TOLUENE)	ND	0	UG/KG	340		
				DIBROMOCHLOROMETHANE	ND	0	UG/KG	340		
				1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	340		
				DIBROMOMETHANE	ND	0	UG/KG	340		
				1,1-DICHLOROETHANE	ND	0	UG/KG	340		
1,2-DICHLOROETHANE	ND	0	UG/KG	340						
1,2-DICHLOROBENZENE	ND	0	UG/KG	340						
1,3-DICHLOROBENZENE	ND	0	UG/KG	340						
1,4-DICHLOROBENZENE	ND	0	UG/KG	340						
1,1-DICHLOROETHENE	ND	0	UG/KG	340						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP39	1	7/5/00	N	SW8260	cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	340						
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	340						
					1,1-DICHLOROPROPENE	ND	0	UG/KG	340						
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	340						
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	340						
					1,2-DICHLOROPROPANE	ND	0	UG/KG	340						
					1,3-DICHLOROPROPANE	ND	0	UG/KG	690						
					2,2-DICHLOROPROPANE	ND	0	UG/KG	690						
					ETHYLBENZENE	ND	0	UG/KG	340						
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	340						
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	340						
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	340						
					HEXACHLOROBUTADIENE	ND	0	UG/KG	340						
					2-HEXANONE	ND	0	UG/KG	1700						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	340						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	1700						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1700						
					METHYLENE CHLORIDE	ND	0	UG/KG	340						
					NAPHTHALENE	ND	0	UG/KG	690						
					n-PROPYLBENZENE	ND	0	UG/KG	340						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	340						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	340						
					STYRENE	ND	0	UG/KG	340						
					BROMOFORM	ND	0	UG/KG	340						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	340						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	340						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	340						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	340						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	340						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	340						
					CHLOROFORM	ND	0	UG/KG	340						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	340						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	340						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	340						
					VINYL CHLORIDE	ND	0	UG/KG	340						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	340						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	340						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	340						
					SS61-DP40	17	5/4/00		M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
										SW8260	ACETONE	ND	0	UG/L	100
BROMODICHLOROMETHANE	ND	0	UG/L	5											
BROMOBENZENE	ND	0	UG/L	5											
BROMOCHLOROMETHANE	ND	0	UG/L	5											
BROMOMETHANE	ND	0	UG/L	10											
n-BUTYLBENZENE	ND	0	UG/L	5											
SEC-BUTYLBENZENE	ND	0	UG/L	5											
t-BUTYLBENZENE	ND	0	UG/L	5											
BENZENE	ND	0	UG/L	5											
TOLUENE	ND	0	UG/L	5											
CARBON DISULFIDE	ND	0	UG/L	5											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10											
CHLOROBENZENE	ND	0	UG/L	5											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP40	17	5/4/00	N	SW8260	2-CHLOROTOLUENE	ND	0	UG/L	5	
					4-CHLOROTOLUENE	ND	0	UG/L	5	
					CHLOROETHANE	ND	0	UG/L	10	
					CHLOROMETHANE	ND	0	UG/L	10	
					CARBON TETRACHLORIDE	ND	0	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	
					DIBROMOMETHANE	ND	0	UG/L	5	
					1,1-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	
					1,1-DICHLOROETHENE	ND	0	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	
					ETHYLBENZENE	ND	0	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	
					VINYL ACETATE	ND	0	UG/L	10	
VINYL CHLORIDE	ND	0	UG/L	10						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP40	17	5/4/00	N	SW8260	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	
	6			E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	30	
					SW8260	ACETONE	ND	0	UG/KG	10000
					BROMODICHLOROMETHANE	ND	0	UG/KG	510	
					BROMOBENZENE	ND	0	UG/KG	510	
					BROMOCHLOROMETHANE	ND	0	UG/KG	510	
					BROMOMETHANE	ND	0	UG/KG	1000	
					n-BUTYLBENZENE	ND	0	UG/KG	510	
					SEC-BUTYLBENZENE	ND	0	UG/KG	510	
					t-BUTYLBENZENE	ND	0	UG/KG	510	
					BENZENE	ND	0	UG/KG	510	
					TOLUENE	ND	0	UG/KG	510	
					CARBON DISULFIDE	ND	0	UG/KG	510	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1000	
					CHLOROBENZENE	ND	0	UG/KG	510	
					2-CHLOROTOLUENE	ND	0	UG/KG	510	
					4-CHLOROTOLUENE	ND	0	UG/KG	510	
					CHLOROETHANE	ND	0	UG/KG	1000	
					CHLOROMETHANE	ND	0	UG/KG	1000	
					CARBON TETRACHLORIDE	ND	0	UG/KG	510	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	510	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	510	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	510	
					DIBROMOMETHANE	ND	0	UG/KG	510	
					1,1-DICHLOROETHANE	ND	0	UG/KG	510	
					1,2-DICHLOROETHANE	ND	0	UG/KG	510	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	510	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	510	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	510	
					1,1-DICHLOROETHENE	ND	0	UG/KG	510	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	510	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	510	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	510	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	510	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	510	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	510	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	510	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	510	
					ETHYLBENZENE	ND	0	UG/KG	510	
	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	510					
	TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1000					
	DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1000					
	HEXACHLOROBUTADIENE	ND	0	UG/KG	510					
	2-HEXANONE	ND	0	UG/KG	1000					
	ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	510					
	METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	10000					
	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1000					
	METHYLENE CHLORIDE	ND	0	UG/KG	510					
	NAPHTHALENE	ND	0	UG/KG	1000					
	n-PROPYLBENZENE	ND	0	UG/KG	510					
	1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	510					

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP40	6	5/4/00	N	SW8260	TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	510						
					STYRENE	ND	0	UG/KG	510						
					BROMOFORM	ND	0	UG/KG	510						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	510						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	510						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	510						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	510						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	510						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	510						
					CHLOROFORM	ND	0	UG/KG	510						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	510						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	510						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	510						
					VINYL ACETATE	ND	0	UG/KG	1000						
					VINYL CHLORIDE	ND	0	UG/KG	1000						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	510						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	510						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	510						
					9.5				E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	34	
										ACETONE	ND	0	UG/KG	12000	
										BROMODICHLOROMETHANE	ND	0	UG/KG	580	
										BROMOBENZENE	ND	0	UG/KG	580	
										BROMOCHLOROMETHANE	ND	0	UG/KG	580	
										BROMOMETHANE	ND	0	UG/KG	1200	
										n-BUTYLBENZENE	ND	0	UG/KG	580	
										SEC-BUTYLBENZENE	ND	0	UG/KG	580	
										t-BUTYLBENZENE	ND	0	UG/KG	580	
										BENZENE	ND	0	UG/KG	580	
										TOLUENE	ND	0	UG/KG	580	
										CARBON DISULFIDE	ND	0	UG/KG	580	
										2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1200	
										CHLOROBENZENE	ND	0	UG/KG	580	
										2-CHLOROTOLUENE	ND	0	UG/KG	580	
										4-CHLOROTOLUENE	ND	0	UG/KG	580	
CHLOROETHANE	ND	0	UG/KG	1200											
CHLOROMETHANE	ND	0	UG/KG	1200											
CARBON TETRACHLORIDE	ND	0	UG/KG	580											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	580											
DIBROMOCHLOROMETHANE	ND	0	UG/KG	580											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	580											
DIBROMOMETHANE	ND	0	UG/KG	580											
1,1-DICHLOROETHANE	ND	0	UG/KG	580											
1,2-DICHLOROETHANE	ND	0	UG/KG	580											
1,2-DICHLOROBENZENE	ND	0	UG/KG	580											
1,3-DICHLOROBENZENE	ND	0	UG/KG	580											
1,4-DICHLOROBENZENE	ND	0	UG/KG	580											
1,1-DICHLOROETHENE	ND	0	UG/KG	580											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	580											
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	580											
1,1-DICHLOROPROPENE	ND	0	UG/KG	580											
cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	580											
trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	580											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP40	9.5	5/4/00	N	SW8260	1,2-DICHLOROPROPANE	ND	0	UG/KG	580	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	580	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	580	
					ETHYL BENZENE	ND	0	UG/KG	580	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	580	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1200	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1200	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	580	
					2-HEXANONE	ND	0	UG/KG	1200	
					ISOPROPYL BENZENE (CUMENE)	ND	0	UG/KG	580	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	12000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1200	
					METHYLENE CHLORIDE	ND	0	UG/KG	580	
					NAPHTHALENE	ND	0	UG/KG	1200	
					n-PROPYL BENZENE	ND	0	UG/KG	580	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	580	
					TETRACHLOROETHYLENE (PCE)	ND	0	UG/KG	580	
					STYRENE	ND	0	UG/KG	580	
					BROMOFORM	ND	0	UG/KG	580	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	580	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	580	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	580	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	580	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	580	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	580	
					CHLOROFORM	ND	0	UG/KG	580	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	580	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	580	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	580	
					VINYL ACETATE	ND	0	UG/KG	1200	
					VINYL CHLORIDE	ND	0	UG/KG	1200	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	580	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	580	
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	580						
I	7/5/00	E418.1 SW8260	PETROLEUM HYDROCARBONS	=	7800	MG/KG	270			
			ACETONE	ND	0	UG/KG	1500			
			BROMODICHLOROMETHANE	ND	0	UG/KG	300			
			BROMOBENZENE	ND	0	UG/KG	300			
			BROMOCHLOROMETHANE	ND	0	UG/KG	300			
			BROMOMETHANE	ND	0	UG/KG	300			
			n-BUTYLBENZENE	ND	0	UG/KG	300			
			SEC-BUTYLBENZENE	ND	0	UG/KG	300			
			t-BUTYLBENZENE	ND	0	UG/KG	300			
			BENZENE	ND	0	UG/KG	300			
			TOLUENE	ND	0	UG/KG	300			
			CARBON DISULFIDE	ND	0	UG/KG	300			
			CHLOROBENZENE	ND	0	UG/KG	300			
			2-CHLOROTOLUENE	ND	0	UG/KG	300			
			4-CHLOROTOLUENE	ND	0	UG/KG	300			
			CHLOROETHANE	ND	0	UG/KG	300			
			CHLOROMETHANE	ND	0	UG/KG	300			
			CARBON TETRACHLORIDE	ND	0	UG/KG	300			

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP40	1	7/5/00	N	SW8260	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	300						
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	300						
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	300						
					DIBROMOMETHANE	ND	0	UG/KG	300						
					1,1-DICHLOROETHANE	ND	0	UG/KG	300						
					1,2-DICHLOROETHANE	ND	0	UG/KG	300						
					1,2-DICHLOROBENZENE	ND	0	UG/KG	300						
					1,3-DICHLOROBENZENE	ND	0	UG/KG	300						
					1,4-DICHLOROBENZENE	ND	0	UG/KG	300						
					1,1-DICHLOROETHENE	ND	0	UG/KG	300						
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	300						
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	300						
					1,1-DICHLOROPROPENE	ND	0	UG/KG	300						
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	300						
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	300						
					1,2-DICHLOROPROPANE	ND	0	UG/KG	300						
					1,3-DICHLOROPROPANE	ND	0	UG/KG	590						
					2,2-DICHLOROPROPANE	ND	0	UG/KG	590						
					ETHYLBENZENE	ND	0	UG/KG	300						
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	300						
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	300						
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	300						
					HEXACHLOROBTADIENE	ND	0	UG/KG	300						
					2-HEXANONE	ND	0	UG/KG	1500						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	300						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	1500						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1500						
					METHYLENE CHLORIDE	ND	0	UG/KG	300						
					NAPHTHALENE	ND	0	UG/KG	590						
					n-PROPYLBENZENE	ND	0	UG/KG	300						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	300						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	300						
					STYRENE	ND	0	UG/KG	300						
					BROMOFORM	ND	0	UG/KG	300						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	300						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	300						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	300						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	300						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	300						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	300						
					CHLOROFORM	ND	0	UG/KG	300						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	300						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	300						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	300						
					VINYL CHLORIDE	ND	0	UG/KG	300						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	300						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	300						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	300						
					SS61-DP41	16	5/1/00		M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
									SW8260	ACETONE	ND	0	UG/L	100	
										BROMODICHLOROMETHANE	ND	0	UG/L	5	
										BROMOBENZENE	ND	0	UG/L	5	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP41	16	5/1/00	N	SW8260	BROMOCHLOROMETHANE	ND	0	UG/L	5	
					BROMOMETHANE	ND	0	UG/L	10	
					n-BUTYLBENZENE	ND	0	UG/L	5	
					SEC-BUTYLBENZENE	ND	0	UG/L	5	
					t-BUTYLBENZENE	ND	0	UG/L	5	
					BENZENE	ND	0	UG/L	5	
					TOLUENE	ND	0	UG/L	5	
					CARBON DISULFIDE	ND	0	UG/L	5	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	
					CHLOROBENZENE	ND	0	UG/L	5	
					2-CHLOROTOLUENE	ND	0	UG/L	5	
					4-CHLOROTOLUENE	ND	0	UG/L	5	
					CHLOROETHANE	ND	0	UG/L	10	
					CHLOROMETHANE	ND	0	UG/L	10	
					CARBON TETRACHLORIDE	ND	0	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	
					DIBROMOMETHANE	ND	0	UG/L	5	
					1,1-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	
					1,1-DICHLOROETHENE	ND	0	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	
					ETHYLBENZENE	ND	0	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP41	16	5/1/00	N	SW8260	1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5						
					CHLOROFORM	ND	0	UG/L	5						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	10						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
					4				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	32	
									SW8260	ACETONE	ND	0	UG/KG	10000	
									BROMODICHLOROMETHANE	ND	0	UG/KG	510		
	BROMOBENZENE	ND	0	UG/KG					510						
	BROMOCHLOROMETHANE	ND	0	UG/KG					510						
	BROMOMETHANE	ND	0	UG/KG					1000						
	n-BUTYLBENZENE	ND	0	UG/KG					510						
	SEC-BUTYLBENZENE	ND	0	UG/KG					510						
	t-BUTYLBENZENE	ND	0	UG/KG					510						
	BENZENE	ND	0	UG/KG					510						
	TOLUENE	ND	0	UG/KG					510						
	CARBON DISULFIDE	ND	0	UG/KG					510						
	2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG					1000						
	CHLOROBENZENE	ND	0	UG/KG					510						
	2-CHLOROTOLUENE	ND	0	UG/KG					510						
	4-CHLOROTOLUENE	ND	0	UG/KG					510						
	CHLOROETHANE	ND	0	UG/KG					1000						
	CHLOROMETHANE	ND	0	UG/KG					1000						
	CARBON TETRACHLORIDE	ND	0	UG/KG	510										
	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	510										
	DIBROMOCHLOROMETHANE	ND	0	UG/KG	510										
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	510											
DIBROMOMETHANE	ND	0	UG/KG	510											
1,1-DICHLOROETHANE	ND	0	UG/KG	510											
1,2-DICHLOROETHANE	ND	0	UG/KG	510											
1,2-DICHLOROBENZENE	ND	0	UG/KG	510											
1,3-DICHLOROBENZENE	ND	0	UG/KG	510											
1,4-DICHLOROBENZENE	ND	0	UG/KG	510											
1,1-DICHLOROETHENE	ND	0	UG/KG	510											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	510											
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	510											
1,1-DICHLOROPROPENE	ND	0	UG/KG	510											
cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	510											
trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	510											
1,2-DICHLOROPROPANE	ND	0	UG/KG	510											
1,3-DICHLOROPROPANE	ND	0	UG/KG	510											
2,2-DICHLOROPROPANE	ND	0	UG/KG	510											
ETHYLBENZENE	ND	0	UG/KG	510											
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	510											
TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1000											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual		
SS61-DP41	4	5/1/00	N	SW8260	DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1000			
					HEXACHLOROBUTADIENE	ND	0	UG/KG	510			
					2-HEXANONE	ND	0	UG/KG	1000			
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	510			
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	10000			
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1000			
					METHYLENE CHLORIDE	ND	0	UG/KG	510			
					NAPHTHALENE	ND	0	UG/KG	1000			
					n-PROPYLBENZENE	ND	0	UG/KG	510			
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	510			
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	510			
					STYRENE	ND	0	UG/KG	510			
					BROMOFORM	ND	0	UG/KG	510			
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	510			
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	510			
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	510			
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	510			
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	510			
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	510			
					CHLOROFORM	ND	0	UG/KG	510			
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	510			
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	510			
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	510			
					VINYL ACETATE	ND	0	UG/KG	1000			
					VINYL CHLORIDE	ND	0	UG/KG	1000			
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	510			
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	510			
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	510			
					9	E418.1	PETROLEUM HYDROCARBONS	=	210	MG/KG	31	
						SW8260	ACETONE	ND	0	UG/KG	12000	
							BROMODICHLOROMETHANE	ND	0	UG/KG	590	
							BROMOBENZENE	ND	0	UG/KG	590	
							BROMOCHLOROMETHANE	ND	0	UG/KG	590	
							BROMOMETHANE	ND	0	UG/KG	1200	
							n-BUTYLBENZENE	ND	0	UG/KG	590	
							SEC-BUTYLBENZENE	ND	0	UG/KG	590	
							t-BUTYLBENZENE	ND	0	UG/KG	590	
							BENZENE	ND	0	UG/KG	590	
							TOLUENE	ND	0	UG/KG	590	
							CARBON DISULFIDE	ND	0	UG/KG	590	
							2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1200	
							CHLOROBENZENE	ND	0	UG/KG	590	
							2-CHLOROTOLUENE	ND	0	UG/KG	590	
		4-CHLOROTOLUENE	ND	0	UG/KG	590						
		CHLOROETHANE	ND	0	UG/KG	1200						
		CHLOROMETHANE	ND	0	UG/KG	1200						
		CARBON TETRACHLORIDE	ND	0	UG/KG	590						
		P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	590						
		DIBROMOCHLOROMETHANE	ND	0	UG/KG	590						
		1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	590						
		DIBROMOMETHANE	ND	0	UG/KG	590						
		1,1-DICHLOROETHANE	ND	0	UG/KG	590						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP41	9	5/1/00	N	SW8260	1,2-DICHLOROETHANE	ND	0	UG/KG	590	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	590	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	590	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	590	
					1,1-DICHLOROETHENE	ND	0	UG/KG	590	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	590	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	590	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	590	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	590	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	590	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	590	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	590	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	590	
					ETHYLBENZENE	ND	0	UG/KG	590	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	590	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1200	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1200	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	590	
					2-HEXANONE	ND	0	UG/KG	1200	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	590	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	12000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1200	
					METHYLENE CHLORIDE	ND	0	UG/KG	590	
					NAPHTHALENE	ND	0	UG/KG	1200	
					n-PROPYLBENZENE	ND	0	UG/KG	590	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	590	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	590	
					STYRENE	ND	0	UG/KG	590	
					BROMOFORM	ND	0	UG/KG	590	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	590	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	590	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	590	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	590	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	590	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	590	
					CHLOROFORM	ND	0	UG/KG	590	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	590	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	590	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	590	
					VINYL ACETATE	ND	0	UG/KG	1200	
VINYL CHLORIDE	ND	0	UG/KG	1200						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	590						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	590						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	590						
16			FD	M8015D SW8260	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
					ACETONE	ND	0	UG/L	100	
					BROMODICHLOROMETHANE	ND	0	UG/L	5	
					BROMOBENZENE	ND	0	UG/L	5	
					BROMOCHLOROMETHANE	ND	0	UG/L	5	
					BROMOMETHANE	ND	0	UG/L	10	
					n-BUTYLBENZENE	ND	0	UG/L	5	
					SEC-BUTYLBENZENE	ND	0	UG/L	5	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP41	16	5/1/00	FD	SW8260	t-BUTYLBENZENE	ND	0	UG/L	5	
					BENZENE	ND	0	UG/L	5	
					TOLUENE	ND	0	UG/L	5	
					CARBON DISULFIDE	ND	0	UG/L	5	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	
					CHLOROBENZENE	ND	0	UG/L	5	
					2-CHLOROTOLUENE	ND	0	UG/L	5	
					4-CHLOROTOLUENE	ND	0	UG/L	5	
					CHLOROETHANE	ND	0	UG/L	10	
					CHLOROMETHANE	ND	0	UG/L	10	
					CARBON TETRACHLORIDE	ND	0	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	
					DIBROMOMETHANE	ND	0	UG/L	5	
					1,1-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	
					1,1-DICHLOROETHENE	ND	0	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	
					ETHYLBENZENE	ND	0	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	
					TRICHLOROFUOROMETHANE	ND	0	UG/L	10	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP41	16	5/1/00	FD	SW8260	1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	10						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
					SS61-DP42	15		N	M8015D	PETROLEUM HYDROCARBONS	=	1100	UG/L	500	J
										SW8260	ACETONE	ND	0	UG/L	100
BROMODICHLOROMETHANE	ND	0	UG/L	5											
BROMOBENZENE	ND	0	UG/L	5											
BROMOCHLOROMETHANE	ND	0	UG/L	5											
BROMOMETHANE	ND	0	UG/L	10											
n-BUTYLBENZENE	ND	0	UG/L	5											
SEC-BUTYLBENZENE	ND	0	UG/L	5											
t-BUTYLBENZENE	ND	0	UG/L	5											
BENZENE	ND	0	UG/L	5											
TOLUENE	ND	0	UG/L	5											
CARBON DISULFIDE	ND	0	UG/L	5											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10											
CHLOROBENZENE	ND	0	UG/L	5											
2-CHLOROTOLUENE	ND	0	UG/L	5											
4-CHLOROTOLUENE	ND	0	UG/L	5											
CHLOROETHANE	ND	0	UG/L	10											
CHLOROMETHANE	ND	0	UG/L	10											
CARBON TETRACHLORIDE	ND	0	UG/L	5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5											
DIBROMOMETHANE	ND	0	UG/L	5											
1,1-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROBENZENE	ND	0	UG/L	5											
1,3-DICHLOROBENZENE	ND	0	UG/L	5											
1,4-DICHLOROBENZENE	ND	0	UG/L	5											
1,1-DICHLOROETHENE	ND	0	UG/L	5											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5											
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5											
1,1-DICHLOROPROPENE	ND	0	UG/L	5											
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5											
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5											
1,2-DICHLOROPROPANE	ND	0	UG/L	5											
1,3-DICHLOROPROPANE	ND	0	UG/L	5											
2,2-DICHLOROPROPANE	ND	0	UG/L	5											
ETHYLBENZENE	ND	0	UG/L	5											
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5											
TRICHLOROFLUOROMETHANE	ND	0	UG/L	10											
DICHLORODIFLUOROMETHANE	ND	0	UG/L	10											
HEXACHLOROBUTADIENE	ND	0	UG/L	5											
2-HEXANONE	ND	0	UG/L	10											
ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP42	15	5/1/00	N	SW8260	METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	
					VINYL ACETATE	ND	0	UG/L	10	
VINYL CHLORIDE	ND	0	UG/L	10						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
7				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	29	
				SW8260	ACETONE	ND	0	UG/KG	9400	
				BROMODICHLOROMETHANE	ND	0	UG/KG	470		
				BROMOBENZENE	ND	0	UG/KG	470		
				BROMOCHLOROMETHANE	ND	0	UG/KG	470		
				BROMOMETHANE	ND	0	UG/KG	940		
				n-BUTYLBENZENE	ND	0	UG/KG	470		
				SEC-BUTYLBENZENE	ND	0	UG/KG	470		
				t-BUTYLBENZENE	ND	0	UG/KG	470		
				BENZENE	ND	0	UG/KG	470		
				TOLUENE	ND	0	UG/KG	470		
				CARBON DISULFIDE	ND	0	UG/KG	470		
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	940		
				CHLOROBENZENE	ND	0	UG/KG	470		
				2-CHLOROTOLUENE	ND	0	UG/KG	470		
				4-CHLOROTOLUENE	ND	0	UG/KG	470		
				CHLOROETHANE	ND	0	UG/KG	940		
				CHLOROMETHANE	ND	0	UG/KG	940		
				CARBON TETRACHLORIDE	ND	0	UG/KG	470		
				P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	470		
				DIBROMOCHLOROMETHANE	ND	0	UG/KG	470		
				1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	470		
				DIBROMOMETHANE	ND	0	UG/KG	470		
				1,1-DICHLOROETHANE	ND	0	UG/KG	470		
				1,2-DICHLOROETHANE	ND	0	UG/KG	470		
				1,2-DICHLOROBENZENE	ND	0	UG/KG	470		
				1,3-DICHLOROBENZENE	ND	0	UG/KG	470		
				1,4-DICHLOROBENZENE	ND	0	UG/KG	470		

**Holloman Air Force Base  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP42	7	5/1/00	N	SW8260	1,1-DICHLOROETHENE	ND	0	UG/KG	470	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	470	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	470	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	470	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	470	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	470	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	470	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	470	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	470	
					ETHYLBENZENE	ND	0	UG/KG	470	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	470	
					TRICHLOROFUOROMETHANE	ND	0	UG/KG	940	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	940	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	470	
					2-HEXANONE	ND	0	UG/KG	940	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	470	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	9400	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	940	
					METHYLENE CHLORIDE	ND	0	UG/KG	470	
					NAPHTHALENE	ND	0	UG/KG	940	
					n-PROPYLBENZENE	ND	0	UG/KG	470	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	470	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	470	
					STYRENE	ND	0	UG/KG	470	
					BROMOFORM	ND	0	UG/KG	470	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	470	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	470	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	470	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	470	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	470	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	470	
					CHLOROFORM	ND	0	UG/KG	470	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	470	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	470	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	470	
					VINYL ACETATE	ND	0	UG/KG	940	
					VINYL CHLORIDE	ND	0	UG/KG	940	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	470	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	470	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	470	
10				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	28	
				SW8260	ACETONE	ND	0	UG/KG	10000	
					BROMODICHLOROMETHANE	ND	0	UG/KG	510	
					BROMOBENZENE	ND	0	UG/KG	510	
					BROMOCHLOROMETHANE	ND	0	UG/KG	510	
					BROMOMETHANE	ND	0	UG/KG	1000	
					n-BUTYLBENZENE	ND	0	UG/KG	510	
					SEC-BUTYLBENZENE	ND	0	UG/KG	510	
					t-BUTYLBENZENE	ND	0	UG/KG	510	
					BENZENE	ND	0	UG/KG	510	
					TOLUENE	ND	0	UG/KG	510	
					CARBON DISULFIDE	ND	0	UG/KG	510	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP42	10	5/1/00	N	SW8260	2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1000	
					CHLOROBENZENE	ND	0	UG/KG	510	
					2-CHLOROTOLUENE	ND	0	UG/KG	510	
					4-CHLOROTOLUENE	ND	0	UG/KG	510	
					CHLOROETHANE	ND	0	UG/KG	1000	
					CHLOROMETHANE	ND	0	UG/KG	1000	
					CARBON TETRACHLORIDE	ND	0	UG/KG	510	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	510	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	510	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	510	
					DIBROMOMETHANE	ND	0	UG/KG	510	
					1,1-DICHLOROETHANE	ND	0	UG/KG	510	
					1,2-DICHLOROETHANE	ND	0	UG/KG	510	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	510	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	510	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	510	
					1,1-DICHLOROETHENE	ND	0	UG/KG	510	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	510	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	510	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	510	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	510	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	510	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	510	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	510	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	510	
					ETHYLBENZENE	ND	0	UG/KG	510	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	510	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1000	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1000	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	510	
					2-HEXANONE	ND	0	UG/KG	1000	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	510	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	10000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1000	
					METHYLENE CHLORIDE	ND	0	UG/KG	510	
					NAPHTHALENE	ND	0	UG/KG	1000	
					n-PROPYLBENZENE	ND	0	UG/KG	510	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	510	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	510	
					STYRENE	ND	0	UG/KG	510	
					BROMOFORM	ND	0	UG/KG	510	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	510	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	510	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	510	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	510	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	510	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	510	
					CHLOROFORM	ND	0	UG/KG	510	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	510	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	510	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	510	
					VINYL ACETATE	ND	0	UG/KG	1000	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP42	10	5/1/00	N	SW8260	VINYL CHLORIDE	ND	0	UG/KG	1000	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	510	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	510	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	510	
SS61-DP43	13	5/2/00		M8015D	PETROLEUM HYDROCARBONS	=	60000	UG/L	25000	
				SW8260	ACETONE	ND	0	UG/L	1000	
				BROMODICHLOROMETHANE	ND	0	UG/L	50		
				BROMOBENZENE	ND	0	UG/L	50		
				BROMOCHLOROMETHANE	ND	0	UG/L	50		
				BROMOMETHANE	ND	0	UG/L	100		
				n-BUTYLBENZENE	ND	0	UG/L	50		
				SEC-BUTYLBENZENE	ND	0	UG/L	50		
				t-BUTYLBENZENE	ND	0	UG/L	50		
				BENZENE	=	9100	UG/L	500		
				TOLUENE	=	7900	UG/L	500		
				CARBON DISULFIDE	ND	0	UG/L	50		
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	100		
				CHLOROBENZENE	ND	0	UG/L	50		
				2-CHLOROTOLUENE	ND	0	UG/L	50		
				4-CHLOROTOLUENE	ND	0	UG/L	50		
				CHLOROETHANE	ND	0	UG/L	100		
				CHLOROMETHANE	ND	0	UG/L	100		
				CARBON TETRACHLORIDE	ND	0	UG/L	50		
				P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	50		
				DIBROMOCHLOROMETHANE	ND	0	UG/L	50		
				1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	50		
				DIBROMOMETHANE	ND	0	UG/L	50		
				1,1-DICHLOROETHANE	ND	0	UG/L	50		
				1,2-DICHLOROETHANE	ND	0	UG/L	50		
				1,2-DICHLOROBENZENE	ND	0	UG/L	50		
				1,3-DICHLOROBENZENE	ND	0	UG/L	50		
				1,4-DICHLOROBENZENE	ND	0	UG/L	50		
				1,1-DICHLOROETHENE	ND	0	UG/L	50		
				cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	50		
				trans-1,2-DICHLOROETHENE	ND	0	UG/L	50		
				1,1-DICHLOROPROPENE	ND	0	UG/L	50		
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	50						
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	50						
1,2-DICHLOROPROPANE	ND	0	UG/L	50						
1,3-DICHLOROPROPANE	ND	0	UG/L	50						
2,2-DICHLOROPROPANE	ND	0	UG/L	50						
ETHYLBENZENE	=	940	UG/L	50						
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	50						
TRICHLOROFLUOROMETHANE	ND	0	UG/L	100						
DICHLORODIFLUOROMETHANE	ND	0	UG/L	100						
HEXACHLOROBUTADIENE	ND	0	UG/L	50						
2-HEXANONE	ND	0	UG/L	100						
ISOPROPYLBENZENE (CUMENE)	=	4400	UG/L	500						
METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	1000						
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	100						
METHYLENE CHLORIDE	ND	0	UG/L	50						
NAPHTHALENE	ND	0	UG/L	100						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual	
SS61-DP43	13	5/2/00	N	SW8260	n-PROPYLBENZENE	=	170	UG/L	50		
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	50		
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	50		
					STYRENE	ND	0	UG/L	50		
					BROMOFORM	ND	0	UG/L	50		
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	50		
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	50		
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	50		
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	50		
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	50		
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	50		
					CHLOROFORM	ND	0	UG/L	50		
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	50		
					1,2,4-TRIMETHYLBENZENE	=	560	UG/L	50		
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	200	UG/L	50		
	VINYL ACETATE	ND	0	UG/L	100						
	VINYL CHLORIDE	ND	0	UG/L	100						
	M-XYLENE (1,3-DIMETHYLBENZENE)	=	5300	UG/L	500						
	O-XYLENE (1,2-DIMETHYLBENZENE)	=	2700	UG/L	500						
	P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	50						
	18				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	32	
					SW8260	ACETONE	ND	0	UG/KG	12000	
					BROMODICHLOROMETHANE	ND	0	UG/KG	580		
					BROMOBENZENE	ND	0	UG/KG	580		
					BROMOCHLOROMETHANE	ND	0	UG/KG	580		
					BROMOMETHANE	ND	0	UG/KG	1200		
					n-BUTYLBENZENE	ND	0	UG/KG	580		
					SEC-BUTYLBENZENE	ND	0	UG/KG	580		
					t-BUTYLBENZENE	ND	0	UG/KG	580		
					BENZENE	ND	0	UG/KG	580		
					TOLUENE	ND	0	UG/KG	580		
					CARBON DISULFIDE	ND	0	UG/KG	580		
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1200		
CHLOROBENZENE					ND	0	UG/KG	580			
2-CHLOROTOLUENE					ND	0	UG/KG	580			
4-CHLOROTOLUENE					ND	0	UG/KG	580			
CHLOROETHANE					ND	0	UG/KG	1200			
CHLOROMETHANE					ND	0	UG/KG	1200			
CARBON TETRACHLORIDE					ND	0	UG/KG	580			
P-CYMENE (p-ISOPROPYLTOLUENE)					ND	0	UG/KG	580			
DIBROMOCHLOROMETHANE					ND	0	UG/KG	580			
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	580							
DIBROMOMETHANE	ND	0	UG/KG	580							
1,1-DICHLOROETHANE	ND	0	UG/KG	580							
1,2-DICHLOROETHANE	ND	0	UG/KG	580							
1,2-DICHLOROBENZENE	ND	0	UG/KG	580							
1,3-DICHLOROBENZENE	ND	0	UG/KG	580							
1,4-DICHLOROBENZENE	ND	0	UG/KG	580							
1,1-DICHLOROETHENE	ND	0	UG/KG	580							
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	580							
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	580							
1,1-DICHLOROPROPENE	ND	0	UG/KG	580							

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP43	18	5/2/00	N	SW8260	cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	580						
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	580						
					1,2-DICHLOROPROPANE	ND	0	UG/KG	580						
					1,3-DICHLOROPROPANE	ND	0	UG/KG	580						
					2,2-DICHLOROPROPANE	ND	0	UG/KG	580						
					ETHYLBENZENE	ND	0	UG/KG	580						
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	580						
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1200						
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1200						
					HEXACHLOROBUTADIENE	ND	0	UG/KG	580						
					2-HEXANONE	ND	0	UG/KG	1200						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	580						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	12000						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1200						
					METHYLENE CHLORIDE	ND	0	UG/KG	580						
					NAPHTHALENE	ND	0	UG/KG	1200						
					n-PROPYLBENZENE	ND	0	UG/KG	580						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	580						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	580						
					STYRENE	ND	0	UG/KG	580						
					BROMOFORM	ND	0	UG/KG	580						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	580						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	580						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	580						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	580						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	580						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	580						
					CHLOROFORM	ND	0	UG/KG	580						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	580						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	580						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	580						
					VINYL ACETATE	ND	0	UG/KG	1200						
					VINYL CHLORIDE	ND	0	UG/KG	1200						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	580						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	580						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	580						
					22				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	32	
									SW8260	ACETONE	ND	0	UG/KG	12000	
										BROMODICHLOROMETHANE	ND	0	UG/KG	580	
										BROMOBENZENE	ND	0	UG/KG	580	
										BROMOCHLOROMETHANE	ND	0	UG/KG	580	
										BROMOMETHANE	ND	0	UG/KG	1200	
					n-BUTYLBENZENE	ND	0	UG/KG	580						
					SEC-BUTYLBENZENE	ND	0	UG/KG	580						
					t-BUTYLBENZENE	ND	0	UG/KG	580						
					BENZENE	=	2800	UG/KG	580						
					TOLUENE	=	21000	UG/KG	580						
					CARBON DISULFIDE	ND	0	UG/KG	580						
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1200						
					CHLOROBENZENE	ND	0	UG/KG	580						
					2-CHLOROTOLUENE	ND	0	UG/KG	580						
					4-CHLOROTOLUENE	ND	0	UG/KG	580						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP43	22	5/2/00	N	SW8260	CHLOROETHANE	ND	0	UG/KG	1200	
					CHLOROMETHANE	ND	0	UG/KG	1200	
					CARBON TETRACHLORIDE	ND	0	UG/KG	580	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	580	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	580	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	580	
					DIBROMOMETHANE	ND	0	UG/KG	580	
					1,1-DICHLOROETHANE	ND	0	UG/KG	580	
					1,2-DICHLOROETHANE	ND	0	UG/KG	580	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	580	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	580	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	580	
					1,1-DICHLOROETHENE	ND	0	UG/KG	580	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	580	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	580	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	580	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	580	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	580	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	580	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	580	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	580	
					ETHYLBENZENE	=	7400	UG/KG	580	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	580	
					TRICHLOROFUOROMETHANE	ND	0	UG/KG	1200	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1200	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	580	
					2-HEXANONE	ND	0	UG/KG	1200	
					ISOPROPYLBENZENE (CUMENE)	=	17000	UG/KG	580	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	12000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1200	
					METHYLENE CHLORIDE	ND	0	UG/KG	580	
					NAPHTHALENE	ND	0	UG/KG	1200	
					n-PROPYLBENZENE	=	1400	UG/KG	580	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	580	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	580	
					STYRENE	ND	0	UG/KG	580	
					BROMOFORM	ND	0	UG/KG	580	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	580	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	580	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	580	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	580	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	580	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	580	
CHLOROFORM	ND	0	UG/KG	580						
1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	580						
1,2,4-TRIMETHYLBENZENE	=	13000	UG/KG	580						
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	6200	UG/KG	580						
VINYL ACETATE	ND	0	UG/KG	1200						
VINYL CHLORIDE	ND	0	UG/KG	1200						
M-XYLENE (1,3-DIMETHYLBENZENE)	=	34000	UG/KG	580						
O-XYLENE (1,2-DIMETHYLBENZENE)	=	14000	UG/KG	580						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	580						

**Holloman Air Force Base  
SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP43	1	7/5/00	N	E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	27	
				SW8260	ACETONE	ND	0	UG/KG	1500	
				BROMODICHLOROMETHANE	ND	0	UG/KG	300		
				BROMOBENZENE	ND	0	UG/KG	300		
				BROMOCHLOROMETHANE	ND	0	UG/KG	300		
				BROMOMETHANE	ND	0	UG/KG	300		
				n-BUTYLBENZENE	ND	0	UG/KG	300		
				SEC-BUTYLBENZENE	ND	0	UG/KG	300		
				t-BUTYLBENZENE	ND	0	UG/KG	300		
				BENZENE	ND	0	UG/KG	300		
				TOLUENE	ND	0	UG/KG	300		
				CARBON DISULFIDE	ND	0	UG/KG	300		
				CHLOROBENZENE	ND	0	UG/KG	300		
				2-CHLOROTOLUENE	ND	0	UG/KG	300		
				4-CHLOROTOLUENE	ND	0	UG/KG	300		
				CHLOROETHANE	ND	0	UG/KG	300		
				CHLOROMETHANE	ND	0	UG/KG	300		
				CARBON TETRACHLORIDE	ND	0	UG/KG	300		
				P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	300		
				DIBROMOCHLOROMETHANE	ND	0	UG/KG	300		
				1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	300		
				DIBROMOMETHANE	ND	0	UG/KG	300		
				1,1-DICHLOROETHANE	ND	0	UG/KG	300		
				1,2-DICHLOROETHANE	ND	0	UG/KG	300		
				1,2-DICHLOROBENZENE	ND	0	UG/KG	300		
				1,3-DICHLOROBENZENE	ND	0	UG/KG	300		
				1,4-DICHLOROBENZENE	ND	0	UG/KG	300		
				1,1-DICHLOROETHENE	ND	0	UG/KG	300		
				cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	300		
				trans-1,2-DICHLOROETHENE	ND	0	UG/KG	300		
				1,1-DICHLOROPROPENE	ND	0	UG/KG	300		
				cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	300		
				trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	300		
				1,2-DICHLOROPROPANE	ND	0	UG/KG	300		
				1,3-DICHLOROPROPANE	ND	0	UG/KG	600		
				2,2-DICHLOROPROPANE	ND	0	UG/KG	600		
				ETHYLBENZENE	ND	0	UG/KG	300		
				1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	300		
				TRICHLOROFLUOROMETHANE	ND	0	UG/KG	300		
				DICHLORODIFLUOROMETHANE	ND	0	UG/KG	300		
				HEXACHLOROBUTADIENE	ND	0	UG/KG	300		
				2-HEXANONE	ND	0	UG/KG	1500		
				ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	300		
				METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	1500		
				METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1500		
				METHYLENE CHLORIDE	ND	0	UG/KG	300		
				NAPHTHALENE	ND	0	UG/KG	600		
				n-PROPYLBENZENE	ND	0	UG/KG	300		
				1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	300		
				TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	300		
				STYRENE	ND	0	UG/KG	300		
				BROMOFORM	ND	0	UG/KG	300		

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual				
SS61-DP43	1	7/5/00	N	SW8260	1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	300					
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	300					
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	300					
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	300					
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	300					
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	300					
					CHLOROFORM	ND	0	UG/KG	300					
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	300					
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	300					
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	300					
					VINYL CHLORIDE	ND	0	UG/KG	300					
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	300					
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	300					
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	300					
					SS61-DP44	15	5/2/00	M8015D SW8260	PETROLEUM HYDROCARBONS	=	3400	UG/L	600	J
									ACETONE	ND	0	UG/L	100	
BROMODICHLOROMETHANE	ND	0	UG/L	5										
BROMOBENZENE	ND	0	UG/L	5										
BROMOCHLOROMETHANE	ND	0	UG/L	5										
BROMOMETHANE	ND	0	UG/L	10										
n-BUTYLBENZENE	ND	0	UG/L	5										
SEC-BUTYLBENZENE	ND	0	UG/L	5										
t-BUTYLBENZENE	=	7.3	UG/L	5										
BENZENE	ND	0	UG/L	5										
TOLUENE	ND	0	UG/L	5										
CARBON DISULFIDE	ND	0	UG/L	5										
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10										
CHLOROBENZENE	ND	0	UG/L	5										
2-CHLOROTOLUENE	ND	0	UG/L	5										
4-CHLOROTOLUENE	ND	0	UG/L	5										
CHLOROETHANE	ND	0	UG/L	10										
CHLOROMETHANE	ND	0	UG/L	10										
CARBON TETRACHLORIDE	ND	0	UG/L	5										
P-CYME (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5										
DIBROMOCHLOROMETHANE	ND	0	UG/L	5										
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5										
DIBROMOMETHANE	ND	0	UG/L	5										
1,1-DICHLOROETHANE	ND	0	UG/L	5										
1,2-DICHLOROETHANE	ND	0	UG/L	5										
1,2-DICHLOROBENZENE	ND	0	UG/L	5										
1,3-DICHLOROBENZENE	ND	0	UG/L	5										
1,4-DICHLOROBENZENE	ND	0	UG/L	5										
1,1-DICHLOROETHENE	ND	0	UG/L	5										
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5										
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5										
1,1-DICHLOROPROPENE	ND	0	UG/L	5										
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5										
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5										
1,2-DICHLOROPROPANE	ND	0	UG/L	5										
1,3-DICHLOROPROPANE	ND	0	UG/L	5										
2,2-DICHLOROPROPANE	ND	0	UG/L	5										
ETHYLBENZENE	ND	0	UG/L	5										

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP44	15	5/2/00	N	SW8260	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5						
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10						
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10						
					HEXACHLOROBUTADIENE	ND	0	UG/L	5						
					2-HEXANONE	ND	0	UG/L	10						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10						
					METHYLENE CHLORIDE	ND	0	UG/L	5						
					NAPHTHALENE	ND	0	UG/L	10						
					n-PROPYLBENZENE	ND	0	UG/L	5						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5						
					STYRENE	ND	0	UG/L	5						
					BROMOFORM	ND	0	UG/L	5						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5						
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5						
					CHLOROFORM	ND	0	UG/L	5						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	10						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
					8				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	34	
									SW8260	ACETONE	ND	0	UG/KG	11000	
									BROMODICHLOROMETHANE	ND	0	UG/KG	550		
BROMOBENZENE	ND	0	UG/KG	550											
BROMOCHLOROMETHANE	ND	0	UG/KG	550											
BROMOMETHANE	ND	0	UG/KG	1100											
n-BUTYLBENZENE	ND	0	UG/KG	550											
SEC-BUTYLBENZENE	ND	0	UG/KG	550											
t-BUTYLBENZENE	ND	0	UG/KG	550											
BENZENE	ND	0	UG/KG	550											
TOLUENE	ND	0	UG/KG	550											
CARBON DISULFIDE	ND	0	UG/KG	550											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1100											
CHLOROBENZENE	ND	0	UG/KG	550											
2-CHLOROTOLUENE	ND	0	UG/KG	550											
4-CHLOROTOLUENE	ND	0	UG/KG	550											
CHLOROETHANE	ND	0	UG/KG	1100											
CHLOROMETHANE	ND	0	UG/KG	1100											
CARBON TETRACHLORIDE	ND	0	UG/KG	550											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	550											
DIBROMOCHLOROMETHANE	ND	0	UG/KG	550											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	550											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP44	8	5/2/00	N	SW8260	DIBROMOMETHANE	ND	0	UG/KG	550	
					1,1-DICHLOROETHANE	ND	0	UG/KG	550	
					1,2-DICHLOROETHANE	ND	0	UG/KG	550	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	550	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	550	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	550	
					1,1-DICHLOROETHENE	ND	0	UG/KG	550	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	550	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	550	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	550	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	550	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	550	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	550	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	550	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	550	
					ETHYLBENZENE	ND	0	UG/KG	550	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	550	
					TRICHLOROFUOROMETHANE	ND	0	UG/KG	1100	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1100	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	550	
					2-HEXANONE	ND	0	UG/KG	1100	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	550	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	11000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1100	
					METHYLENE CHLORIDE	ND	0	UG/KG	550	
					NAPHTHALENE	ND	0	UG/KG	1100	
					n-PROPYLBENZENE	ND	0	UG/KG	550	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	550	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	550	
					STYRENE	ND	0	UG/KG	550	
					BROMOFORM	ND	0	UG/KG	550	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	550	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	550	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	550	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	550	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	550	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	550	
					CHLOROFORM	ND	0	UG/KG	550	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	550	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	550	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	550	
					VINYL ACETATE	ND	0	UG/KG	1100	
VINYL CHLORIDE	ND	0	UG/KG	1100						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	550						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	550						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	550						
12				E418.1	PETROLEUM HYDROCARBONS	=	46	MG/KG	30	
				SW8260	ACETONE	ND	0	UG/KG	13000	
					BROMODICHLOROMETHANE	ND	0	UG/KG	640	
					BROMOBENZENE	ND	0	UG/KG	640	
					BROMOCHLOROMETHANE	ND	0	UG/KG	640	
					BROMOMETHANE	ND	0	UG/KG	1300	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP44	12	5/2/00	N	SW8260	n-BUTYLBENZENE	ND	0	UG/KG	640	
					SEC-BUTYLBENZENE	ND	0	UG/KG	640	
					t-BUTYLBENZENE	ND	0	UG/KG	640	
					BENZENE	ND	0	UG/KG	640	
					TOLUENE	ND	0	UG/KG	640	
					CARBON DISULFIDE	ND	0	UG/KG	640	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1300	
					CHLOROBENZENE	ND	0	UG/KG	640	
					2-CHLOROTOLUENE	ND	0	UG/KG	640	
					4-CHLOROTOLUENE	ND	0	UG/KG	640	
					CHLOROETHANE	ND	0	UG/KG	1300	
					CHLOROMETHANE	ND	0	UG/KG	1300	
					CARBON TETRACHLORIDE	ND	0	UG/KG	640	
					P-CYMENE (p-ISOPROPYL TOLUENE)	ND	0	UG/KG	640	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	640	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	640	
					DIBROMOMETHANE	ND	0	UG/KG	640	
					1,1-DICHLOROETHANE	ND	0	UG/KG	640	
					1,2-DICHLOROETHANE	ND	0	UG/KG	640	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	640	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	640	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	640	
					1,1-DICHLOROETHENE	ND	0	UG/KG	640	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	640	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	640	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	640	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	640	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	640	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	640	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	640	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	640	
					ETHYLBENZENE	ND	0	UG/KG	640	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	640	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1300	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1300	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	640	
					2-HEXANONE	ND	0	UG/KG	1300	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	640	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	13000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1300	
					METHYLENE CHLORIDE	ND	0	UG/KG	640	
					NAPHTHALENE	ND	0	UG/KG	1300	
n-PROPYLBENZENE	ND	0	UG/KG	640						
1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	640						
TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	640						
STYRENE	ND	0	UG/KG	640						
BROMOFORM	ND	0	UG/KG	640						
1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	640						
1,1,1-TRICHLOROETHANE	ND	0	UG/KG	640						
1,1,2-TRICHLOROETHANE	ND	0	UG/KG	640						
1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	640						
1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	640						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual				
SS61-DP44	12	5/2/00	N	SW8260	TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	640					
					CHLOROFORM	ND	0	UG/KG	640					
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	640					
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	640					
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	640					
					VINYL ACETATE	ND	0	UG/KG	1300					
					VINYL CHLORIDE	ND	0	UG/KG	1300					
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	640					
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	640					
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	640					
					1	7/5/00		E418.1 SW8260	PETROLEUM HYDROCARBONS	=	30	MG/KG	28	
									ACETONE	ND	0	UG/KG	1400	
									BROMODICHLOROMETHANE	ND	0	UG/KG	280	
									BROMOBENZENE	ND	0	UG/KG	280	
BROMOCHLOROMETHANE	ND	0	UG/KG	280										
BROMOMETHANE	ND	0	UG/KG	280										
n-BUTYLBENZENE	ND	0	UG/KG	280										
SEC-BUTYLBENZENE	ND	0	UG/KG	280										
t-BUTYLBENZENE	ND	0	UG/KG	280										
BENZENE	ND	0	UG/KG	280										
TOLUENE	ND	0	UG/KG	280										
CARBON DISULFIDE	ND	0	UG/KG	280										
CHLOROBENZENE	ND	0	UG/KG	280										
2-CHLOROTOLUENE	ND	0	UG/KG	280										
4-CHLOROTOLUENE	ND	0	UG/KG	280										
CHLOROETHANE	ND	0	UG/KG	280										
CHLOROMETHANE	ND	0	UG/KG	280										
CARBON TETRACHLORIDE	ND	0	UG/KG	280										
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	280										
DIBROMOCHLOROMETHANE	ND	0	UG/KG	280										
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	280										
DIBROMOMETHANE	ND	0	UG/KG	280										
1,1-DICHLOROETHANE	ND	0	UG/KG	280										
1,2-DICHLOROETHANE	ND	0	UG/KG	280										
1,2-DICHLOROBENZENE	ND	0	UG/KG	280										
1,3-DICHLOROBENZENE	ND	0	UG/KG	280										
1,4-DICHLOROBENZENE	ND	0	UG/KG	280										
1,1-DICHLOROETHENE	ND	0	UG/KG	280										
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	280										
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	280										
1,1-DICHLOROPROPENE	ND	0	UG/KG	280										
cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	280										
trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	280										
1,2-DICHLOROPROPANE	ND	0	UG/KG	280										
1,3-DICHLOROPROPANE	ND	0	UG/KG	560										
2,2-DICHLOROPROPANE	ND	0	UG/KG	560										
ETHYLBENZENE	ND	0	UG/KG	280										
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	280										
TRICHLOROFLUOROMETHANE	ND	0	UG/KG	280										
DICHLORODIFLUOROMETHANE	ND	0	UG/KG	280										
HEXACHLOROBUTADIENE	ND	0	UG/KG	280										
2-HEXANONE	ND	0	UG/KG	1400										

**Holloman Air Force Base  
SS61 Phase II RI  
Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual				
SS61-DP44	1	7/5/00	N	SW8260	ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	280					
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	1400					
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1400					
					METHYLENE CHLORIDE	ND	0	UG/KG	280					
					NAPHTHALENE	ND	0	UG/KG	560					
					n-PROPYLBENZENE	ND	0	UG/KG	280					
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	280					
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	280					
					STYRENE	ND	0	UG/KG	280					
					BROMOFORM	ND	0	UG/KG	280					
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	280					
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	280					
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	280					
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	280					
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	280					
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	280					
					CHLOROFORM	ND	0	UG/KG	280					
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	280					
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	280					
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	280					
					VINYL CHLORIDE	ND	0	UG/KG	280					
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	280					
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	280					
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	280					
					SS61-DP45	16	5/2/00	M8015D SW8260	PETROLEUM HYDROCARBONS	ND	0	UG/L	680	
									ACETONE	ND	0	UG/L	100	
BROMODICHLOROMETHANE	ND	0	UG/L	5										
BROMOBENZENE	ND	0	UG/L	5										
BROMOCHLOROMETHANE	ND	0	UG/L	5										
BROMOMETHANE	ND	0	UG/L	10										
n-BUTYLBENZENE	ND	0	UG/L	5										
SEC-BUTYLBENZENE	ND	0	UG/L	5										
t-BUTYLBENZENE	ND	0	UG/L	5										
BENZENE	ND	0	UG/L	5										
TOLUENE	ND	0	UG/L	5										
CARBON DISULFIDE	ND	0	UG/L	5										
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10										
CHLOROBENZENE	ND	0	UG/L	5										
2-CHLOROTOLUENE	ND	0	UG/L	5										
4-CHLOROTOLUENE	ND	0	UG/L	5										
CHLOROETHANE	ND	0	UG/L	10										
CHLOROMETHANE	ND	0	UG/L	10										
CARBON TETRACHLORIDE	ND	0	UG/L	5										
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5										
DIBROMOCHLOROMETHANE	ND	0	UG/L	5										
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5										
DIBROMOMETHANE	ND	0	UG/L	5										
1,1-DICHLOROETHANE	ND	0	UG/L	5										
1,2-DICHLOROETHANE	ND	0	UG/L	5										
1,2-DICHLOROBENZENE	ND	0	UG/L	5										
1,3-DICHLOROBENZENE	ND	0	UG/L	5										
1,4-DICHLOROBENZENE	ND	0	UG/L	5										

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP45	16	5/2/00	N	SW8260	1,1-DICHLOROETHENE	ND	0	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	
					ETHYLBENZENE	ND	0	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	=	96	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	=	5.1	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	
	VINYL ACETATE	ND	0	UG/L	10					
	VINYL CHLORIDE	ND	0	UG/L	10					
	M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5					
	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5					
	P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5					
10				E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	35	
					ACETONE	ND	0	UG/KG	11000	
					BROMODICHLOROMETHANE	ND	0	UG/KG	530	
					BROMOBENZENE	ND	0	UG/KG	530	
					BROMOCHLOROMETHANE	ND	0	UG/KG	530	
					BROMOMETHANE	ND	0	UG/KG	1100	
					n-BUTYLBENZENE	ND	0	UG/KG	530	
					SEC-BUTYLBENZENE	ND	0	UG/KG	530	
					t-BUTYLBENZENE	ND	0	UG/KG	530	
					BENZENE	ND	0	UG/KG	530	
					TOLUENE	ND	0	UG/KG	530	
					CARBON DISULFIDE	ND	0	UG/KG	530	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP45	10	5/2/00	N	SW8260	2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1100	
					CHLOROBENZENE	ND	0	UG/KG	530	
					2-CHLOROTOLUENE	ND	0	UG/KG	530	
					4-CHLOROTOLUENE	ND	0	UG/KG	530	
					CHLOROETHANE	ND	0	UG/KG	1100	
					CHLOROMETHANE	ND	0	UG/KG	1100	
					CARBON TETRACHLORIDE	ND	0	UG/KG	530	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	530	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	530	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	530	
					DIBROMOMETHANE	ND	0	UG/KG	530	
					1,1-DICHLOROETHANE	ND	0	UG/KG	530	
					1,2-DICHLOROETHANE	ND	0	UG/KG	530	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	530	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	530	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	530	
					1,1-DICHLOROETHENE	ND	0	UG/KG	530	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	530	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	530	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	530	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	530	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	530	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	530	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	530	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	530	
					ETHYLBENZENE	ND	0	UG/KG	530	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	530	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1100	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1100	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	530	
					2-HEXANONE	ND	0	UG/KG	1100	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	530	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	11000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1100	
					METHYLENE CHLORIDE	ND	0	UG/KG	530	
					NAPHTHALENE	ND	0	UG/KG	1100	
					n-PROPYLBENZENE	ND	0	UG/KG	530	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	530	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	530	
					STYRENE	ND	0	UG/KG	530	
					BROMOFORM	ND	0	UG/KG	530	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	530	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	530	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	530	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	530	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	530	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	530	
					CHLOROFORM	ND	0	UG/KG	530	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	530	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	530	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	530	
					VINYL ACETATE	ND	0	UG/KG	1100	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual			
SS61-DP45	10	5/2/00	N	SW8260	VINYL CHLORIDE	ND	0	UG/KG	1100				
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	530				
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	530				
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	530				
				13			E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	14	
						SW8260	ACETONE	ND	0	UG/KG	13000		
							BROMODICHLOROMETHANE	ND	0	UG/KG	640		
							BROMOBENZENE	ND	0	UG/KG	640		
							BROMOCHLOROMETHANE	ND	0	UG/KG	640		
							BROMOMETHANE	ND	0	UG/KG	1300		
							n-BUTYLBENZENE	ND	0	UG/KG	640		
							SEC-BUTYLBENZENE	ND	0	UG/KG	640		
							t-BUTYLBENZENE	ND	0	UG/KG	640		
							BENZENE	ND	0	UG/KG	640		
							TOLUENE	ND	0	UG/KG	640		
							CARBON DISULFIDE	ND	0	UG/KG	640		
							2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1300		
							CHLOROBENZENE	ND	0	UG/KG	640		
							2-CHLOROTOLUENE	ND	0	UG/KG	640		
							4-CHLOROTOLUENE	ND	0	UG/KG	640		
							CHLOROETHANE	ND	0	UG/KG	1300		
							CHLOROMETHANE	ND	0	UG/KG	1300		
							CARBON TETRACHLORIDE	ND	0	UG/KG	640		
							P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	640		
							DIBROMOCHLOROMETHANE	ND	0	UG/KG	640		
							1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	640		
							DIBROMOMETHANE	ND	0	UG/KG	640		
							1,1-DICHLOROETHANE	ND	0	UG/KG	640		
							1,2-DICHLOROETHANE	ND	0	UG/KG	640		
							1,2-DICHLOROBENZENE	ND	0	UG/KG	640		
							1,3-DICHLOROBENZENE	ND	0	UG/KG	640		
							1,4-DICHLOROBENZENE	ND	0	UG/KG	640		
							1,1-DICHLOROETHENE	ND	0	UG/KG	640		
			cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	640						
			trans-1,2-DICHLOROETHENE	ND	0	UG/KG	640						
			1,1-DICHLOROPROPENE	ND	0	UG/KG	640						
			cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	640						
			trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	640						
			1,2-DICHLOROPROPANE	ND	0	UG/KG	640						
			1,3-DICHLOROPROPANE	ND	0	UG/KG	640						
			2,2-DICHLOROPROPANE	ND	0	UG/KG	640						
			ETHYLBENZENE	ND	0	UG/KG	640						
			1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	640						
			TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1300						
			DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1300						
			HEXACHLOROBUTADIENE	ND	0	UG/KG	640						
			2-HEXANONE	ND	0	UG/KG	1300						
			ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	640						
			METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	13000						
			METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1300						
			METHYLENE CHLORIDE	ND	0	UG/KG	640						
			NAPHTHALENE	ND	0	UG/KG	1300						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual			
SS61-DP45	13	5/2/00	N	SW8260	n-PROPYLBENZENE	ND	0	UG/KG	640				
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	640				
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	640				
					STYRENE	ND	0	UG/KG	640				
					BROMOFORM	ND	0	UG/KG	640				
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	640				
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	640				
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	640				
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	640				
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	640				
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	640				
					CHLOROFORM	ND	0	UG/KG	640				
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	640				
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	640				
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	640				
					VINYL ACETATE	ND	0	UG/KG	1300				
					VINYL CHLORIDE	ND	0	UG/KG	1300				
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	640				
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	640				
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	640				
					10	FD	E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	35	
								ACETONE	ND	0	UG/KG	11000	
								BROMODICHLOROMETHANE	ND	0	UG/KG	530	
								BROMOBENZENE	ND	0	UG/KG	530	
								BROMOCHLOROMETHANE	ND	0	UG/KG	530	
								BROMOMETHANE	ND	0	UG/KG	1100	
								n-BUTYLBENZENE	ND	0	UG/KG	530	
								SEC-BUTYLBENZENE	ND	0	UG/KG	530	
								t-BUTYLBENZENE	ND	0	UG/KG	530	
								BENZENE	ND	0	UG/KG	530	
								TOLUENE	ND	0	UG/KG	530	
								CARBON DISULFIDE	ND	0	UG/KG	530	
								2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1100	
								CHLOROBENZENE	ND	0	UG/KG	530	
								2-CHLOROTOLUENE	ND	0	UG/KG	530	
								4-CHLOROTOLUENE	ND	0	UG/KG	530	
								CHLOROETHANE	ND	0	UG/KG	1100	
								CHLOROMETHANE	ND	0	UG/KG	1100	
	CARBON TETRACHLORIDE	ND	0	UG/KG				530					
	P-CYMENE (p-ISOPROPYL TOLUENE)	ND	0	UG/KG				530					
	DIBROMOCHLOROMETHANE	ND	0	UG/KG				530					
	1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG				530					
DIBROMOMETHANE	ND	0	UG/KG	530									
1,1-DICHLOROETHANE	ND	0	UG/KG	530									
1,2-DICHLOROETHANE	ND	0	UG/KG	530									
1,2-DICHLOROBENZENE	ND	0	UG/KG	530									
1,3-DICHLOROBENZENE	ND	0	UG/KG	530									
1,4-DICHLOROBENZENE	ND	0	UG/KG	530									
1,1-DICHLOROETHENE	ND	0	UG/KG	530									
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	530									
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	530									
1,1-DICHLOROPROPENE	ND	0	UG/KG	530									

**Holloman Air Force Base  
SS61 Phase II RI  
Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP45	10	5/2/00	FD	SW8260	cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	530	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	530	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	530	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	530	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	530	
					ETHYLBENZENE	ND	0	UG/KG	530	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	530	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1100	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1100	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	530	
					2-HEXANONE	ND	0	UG/KG	1100	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	530	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	11000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1100	
					METHYLENE CHLORIDE	ND	0	UG/KG	530	
					NAPHTHALENE	ND	0	UG/KG	1100	
					n-PROPYLBENZENE	ND	0	UG/KG	530	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	530	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	530	
					STYRENE	ND	0	UG/KG	530	
					BROMOFORM	ND	0	UG/KG	530	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	530	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	530	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	530	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	530	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	530	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	530	
					CHLOROFORM	ND	0	UG/KG	530	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	530	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	530	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	530	
					VINYL ACETATE	ND	0	UG/KG	1100	
					VINYL CHLORIDE	ND	0	UG/KG	1100	
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	530						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	530						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	530						
1	7/5/00	N	E418.1 SW8260	PETROLEUM HYDROCARBONS	=	55	MG/KG	28		
				ACETONE	ND	0	UG/KG	1500		
				BROMODICHLOROMETHANE	ND	0	UG/KG	310		
				BROMOBENZENE	ND	0	UG/KG	310		
				BROMOCHLOROMETHANE	ND	0	UG/KG	310		
				BROMOMETHANE	ND	0	UG/KG	310		
				n-BUTYLBENZENE	ND	0	UG/KG	310		
				SEC-BUTYLBENZENE	ND	0	UG/KG	310		
				t-BUTYLBENZENE	ND	0	UG/KG	310		
				BENZENE	ND	0	UG/KG	310		
				TOLUENE	ND	0	UG/KG	310		
				CARBON DISULFIDE	ND	0	UG/KG	310		
				CHLOROBENZENE	ND	0	UG/KG	310		
				2-CHLOROTOLUENE	ND	0	UG/KG	310		
				4-CHLOROTOLUENE	ND	0	UG/KG	310		
				CHLOROETHANE	ND	0	UG/KG	310		

**Holloman Air Force Base  
SS61 Phase II RI  
Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP45	1	7/5/00	N	SW8260	CHLOROMETHANE	ND	0	UG/KG	310	
					CARBON TETRACHLORIDE	ND	0	UG/KG	310	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	310	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	310	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	310	
					DIBROMOMETHANE	ND	0	UG/KG	310	
					1,1-DICHLOROETHANE	ND	0	UG/KG	310	
					1,2-DICHLOROETHANE	ND	0	UG/KG	310	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	310	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	310	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	310	
					1,1-DICHLOROETHENE	ND	0	UG/KG	310	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	310	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	310	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	310	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	310	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	310	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	310	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	610	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	610	
					ETHYLBENZENE	ND	0	UG/KG	310	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	310	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	310	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	310	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	310	
					2-HEXANONE	ND	0	UG/KG	1500	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	310	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	1500	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1500	
					METHYLENE CHLORIDE	ND	0	UG/KG	310	
					NAPHTHALENE	ND	0	UG/KG	610	
					n-PROPYLBENZENE	ND	0	UG/KG	310	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	310	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	310	
					STYRENE	ND	0	UG/KG	310	
					BROMOFORM	ND	0	UG/KG	310	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	310	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	310	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	310	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	310	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	310	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	310	
					CHLOROFORM	ND	0	UG/KG	310	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	310	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	310	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	310	
					VINYL CHLORIDE	ND	0	UG/KG	310	
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	310						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	310						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	310						
SS61-DP46	11	5/3/00		M8015D	PETROLEUM HYDROCARBONS	TR	530	UG/L	600	J
				SW8260	ACETONE	ND	0	UG/L	100	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP46	11	5/3/00	N	SW8260	BROMODICHLOROMETHANE	ND	0	UG/L	5	
					BROMOBENZENE	ND	0	UG/L	5	
					BROMOCHLOROMETHANE	ND	0	UG/L	5	
					BROMOMETHANE	ND	0	UG/L	10	
					n-BUTYLBENZENE	ND	0	UG/L	5	
					SEC-BUTYLBENZENE	ND	0	UG/L	5	
					t-BUTYLBENZENE	ND	0	UG/L	5	
					BENZENE	ND	0	UG/L	5	
					TOLUENE	ND	0	UG/L	5	
					CARBON DISULFIDE	ND	0	UG/L	5	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	
					CHLOROBENZENE	ND	0	UG/L	5	
					2-CHLOROTOLUENE	ND	0	UG/L	5	
					4-CHLOROTOLUENE	ND	0	UG/L	5	
					CHLOROETHANE	ND	0	UG/L	10	
					CHLOROMETHANE	ND	0	UG/L	10	
					CARBON TETRACHLORIDE	ND	0	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	
					DIBROMOMETHANE	ND	0	UG/L	5	
					1,1-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROBENZENE	=	6.2	UG/L	5	
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	
					1,1-DICHLOROETHENE	ND	0	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	
					ETHYLBENZENE	ND	0	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP46	11	5/3/00	N	SW8260	1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	
					VINYL ACETATE	ND	0	UG/L	10	
	VINYL CHLORIDE	ND	0	UG/L	10					
	M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5					
	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5					
	P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5					
	10	E418.1 SW8260			PETROLEUM HYDROCARBONS	ND	0	MG/KG	30	
					ACETONE	ND	0	UG/KG	9500	
					BROMODICHLOROMETHANE	ND	0	UG/KG	480	
					BROMOBENZENE	ND	0	UG/KG	480	
					BROMOCHLOROMETHANE	ND	0	UG/KG	480	
					BROMOMETHANE	ND	0	UG/KG	950	
n-BUTYLBENZENE					ND	0	UG/KG	480		
SEC-BUTYLBENZENE					ND	0	UG/KG	480		
t-BUTYLBENZENE					ND	0	UG/KG	480		
BENZENE					ND	0	UG/KG	480		
TOLUENE	ND	0	UG/KG	480						
CARBON DISULFIDE	ND	0	UG/KG	480						
2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	950						
CHLOROBENZENE	ND	0	UG/KG	480						
2-CHLOROTOLUENE	ND	0	UG/KG	480						
4-CHLOROTOLUENE	ND	0	UG/KG	480						
CHLOROETHANE	ND	0	UG/KG	950						
CHLOROMETHANE	ND	0	UG/KG	950						
CARBON TETRACHLORIDE	ND	0	UG/KG	480						
P-CYMENE (p-ISOPROPYL TOLUENE)	ND	0	UG/KG	480						
DIBROMOCHLOROMETHANE	ND	0	UG/KG	480						
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	480						
DIBROMOMETHANE	ND	0	UG/KG	480						
1,1-DICHLOROETHANE	ND	0	UG/KG	480						
1,2-DICHLOROETHANE	ND	0	UG/KG	480						
1,2-DICHLOROBENZENE	ND	0	UG/KG	480						
1,3-DICHLOROBENZENE	ND	0	UG/KG	480						
1,4-DICHLOROBENZENE	ND	0	UG/KG	480						
1,1-DICHLOROETHENE	ND	0	UG/KG	480						
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	480						
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	480						
1,1-DICHLOROPROPENE	ND	0	UG/KG	480						
cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	480						
trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	480						
1,2-DICHLOROPROPANE	ND	0	UG/KG	480						
1,3-DICHLOROPROPANE	ND	0	UG/KG	480						
2,2-DICHLOROPROPANE	ND	0	UG/KG	480						
ETHYLBENZENE	ND	0	UG/KG	480						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP46	10	5/3/00	N	SW8260	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	480						
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	950						
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	950						
					HEXACHLOROBUTADIENE	ND	0	UG/KG	480						
					2-HEXANONE	ND	0	UG/KG	950						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	480						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	9500						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	950						
					METHYLENE CHLORIDE	ND	0	UG/KG	480						
					NAPHTHALENE	ND	0	UG/KG	950						
					n-PROPYLBENZENE	ND	0	UG/KG	480						
					1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	480						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	480						
					STYRENE	ND	0	UG/KG	480						
					BROMOFORM	ND	0	UG/KG	480						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	480						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	480						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	480						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	480						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	480						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	480						
					CHLOROFORM	ND	0	UG/KG	480						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	480						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	480						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	480						
					VINYL ACETATE	ND	0	UG/KG	950						
					VINYL CHLORIDE	ND	0	UG/KG	950						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	480						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	480						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	480						
					6				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	32	
									SW8260	ACETONE	ND	0	UG/KG	10000	
										BROMODICHLOROMETHANE	ND	0	UG/KG	520	
				BROMOBENZENE					ND	0	UG/KG	520			
				BROMOCHLOROMETHANE					ND	0	UG/KG	520			
				BROMOMETHANE					ND	0	UG/KG	1000			
				n-BUTYLBENZENE					ND	0	UG/KG	520			
				SEC-BUTYLBENZENE					ND	0	UG/KG	520			
				t-BUTYLBENZENE					ND	0	UG/KG	520			
				BENZENE					ND	0	UG/KG	520			
				TOLUENE					ND	0	UG/KG	520			
				CARBON DISULFIDE					ND	0	UG/KG	520			
				2-CHLOROETHYL VINYL ETHER					ND	0	UG/KG	1000			
				CHLOROBENZENE					ND	0	UG/KG	520			
				2-CHLOROTOLUENE	ND	0	UG/KG	520							
				4-CHLOROTOLUENE	ND	0	UG/KG	520							
				CHLOROETHANE	ND	0	UG/KG	1000							
	CHLOROMETHANE	ND	0	UG/KG	1000										
	CARBON TETRACHLORIDE	ND	0	UG/KG	520										
	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	520										
	DIBROMOCHLOROMETHANE	ND	0	UG/KG	520										
	1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	520										

**Holloman Air Force Base  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP46	6	5/3/00	N	SW8260	DIBROMOMETHANE	ND	0	UG/KG	520	
					1,1-DICHLOROETHANE	ND	0	UG/KG	520	
					1,2-DICHLOROETHANE	ND	0	UG/KG	520	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	520	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	520	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	520	
					1,1-DICHLOROETHENE	ND	0	UG/KG	520	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	520	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	520	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	520	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	520	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	520	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	520	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	520	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	520	
					ETHYLBENZENE	ND	0	UG/KG	520	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	520	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1000	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1000	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	520	
					2-HEXANONE	ND	0	UG/KG	1000	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	520	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	10000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1000	
					METHYLENE CHLORIDE	ND	0	UG/KG	520	
					NAPHTHALENE	ND	0	UG/KG	1000	
					n-PROPYLBENZENE	ND	0	UG/KG	520	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	520	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	520	
					STYRENE	ND	0	UG/KG	520	
					BROMOFORM	ND	0	UG/KG	520	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	520	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	520	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	520	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	520	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	520	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	520	
					CHLOROFORM	ND	0	UG/KG	520	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	520	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	520	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	520						
VINYL ACETATE	ND	0	UG/KG	1000						
VINYL CHLORIDE	ND	0	UG/KG	1000						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	520						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	520						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	520						
1	7/5/00			E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	34	
					ACETONE	ND	0	UG/KG	1900	
					BROMODICHLOROMETHANE	ND	0	UG/KG	370	
					BROMOBENZENE	ND	0	UG/KG	370	
					BROMOCHLOROMETHANE	ND	0	UG/KG	370	
					BROMOMETHANE	ND	0	UG/KG	370	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP46	1	7/5/00	N	SW8260	n-BUTYLBENZENE	ND	0	UG/KG	370	
					SEC-BUTYLBENZENE	ND	0	UG/KG	370	
					t-BUTYLBENZENE	ND	0	UG/KG	370	
					BENZENE	ND	0	UG/KG	370	
					TOLUENE	ND	0	UG/KG	370	
					CARBON DISULFIDE	ND	0	UG/KG	370	
					CHLOROBENZENE	ND	0	UG/KG	370	
					2-CHLOROTOLUENE	ND	0	UG/KG	370	
					4-CHLOROTOLUENE	ND	0	UG/KG	370	
					CHLOROETHANE	ND	0	UG/KG	370	
					CHLOROMETHANE	ND	0	UG/KG	370	
					CARBON TETRACHLORIDE	ND	0	UG/KG	370	
					P-CYME (p-ISOPROPYL.TOLUENE)	ND	0	UG/KG	370	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	370	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	370	
					DIBROMOMETHANE	ND	0	UG/KG	370	
					1,1-DICHLOROETHANE	ND	0	UG/KG	370	
					1,2-DICHLOROETHANE	ND	0	UG/KG	370	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	370	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	370	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	370	
					1,1-DICHLOROETHENE	ND	0	UG/KG	370	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	370	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	370	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	370	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	370	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	370	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	370	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	740	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	740	
					ETHYLBENZENE	ND	0	UG/KG	370	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	370	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	370	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	370	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	370	
					2-HEXANONE	ND	0	UG/KG	1900	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	370	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	1900	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1900	
					METHYLENE CHLORIDE	ND	0	UG/KG	370	
					NAPHTHALENE	ND	0	UG/KG	740	
					n-PROPYLBENZENE	ND	0	UG/KG	370	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	370	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	370	
					STYRENE	ND	0	UG/KG	370	
					BROMOFORM	ND	0	UG/KG	370	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	370	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	370	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	370	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	370	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	370	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	370	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP46	1	7/5/00	N	SW8260	CHLOROFORM	ND	0	UG/KG	370						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	370						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	370						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	370						
					VINYL CHLORIDE	ND	0	UG/KG	370						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	370						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	370						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	370						
					SS61-DP47	15	5/4/00		M8015D SW8260	PETROLEUM HYDROCARBONS	ND	0	UG/L	590	
										ACETONE	ND	0	UG/L	100	
BROMODICHLOROMETHANE	ND	0	UG/L	5											
BROMOBENZENE	ND	0	UG/L	5											
BROMOCHLOROMETHANE	ND	0	UG/L	5											
BROMOMETHANE	ND	0	UG/L	10											
n-BUTYLBENZENE	ND	0	UG/L	5											
SEC-BUTYLBENZENE	ND	0	UG/L	5											
t-BUTYLBENZENE	ND	0	UG/L	5											
BENZENE	ND	0	UG/L	5											
TOLUENE	ND	0	UG/L	5											
CARBON DISULFIDE	ND	0	UG/L	5											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10											
CHLOROBENZENE	ND	0	UG/L	5											
2-CHLOROTOLUENE	ND	0	UG/L	5											
4-CHLOROTOLUENE	ND	0	UG/L	5											
CHLOROETHANE	ND	0	UG/L	10											
CHLOROMETHANE	ND	0	UG/L	10											
CARBON TETRACHLORIDE	ND	0	UG/L	5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5											
DIBROMOMETHANE	ND	0	UG/L	5											
1,1-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROBENZENE	ND	0	UG/L	5											
1,3-DICHLOROBENZENE	ND	0	UG/L	5											
1,4-DICHLOROBENZENE	ND	0	UG/L	5											
1,1-DICHLOROETHENE	ND	0	UG/L	5											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5											
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5											
1,1-DICHLOROPROPENE	ND	0	UG/L	5											
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5											
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5											
1,2-DICHLOROPROPANE	ND	0	UG/L	5											
1,3-DICHLOROPROPANE	ND	0	UG/L	5											
2,2-DICHLOROPROPANE	ND	0	UG/L	5											
ETHYLBENZENE	ND	0	UG/L	5											
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5											
TRICHLOROFLUOROMETHANE	ND	0	UG/L	10											
DICHLORODIFLUOROMETHANE	ND	0	UG/L	10											
HEXACHLOROBUTADIENE	ND	0	UG/L	5											
2-HEXANONE	ND	0	UG/L	10											
ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP47	15	5/4/00	N	SW8260	METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	=	6.3	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	
					VINYL ACETATE	ND	0	UG/L	10	
VINYL CHLORIDE	ND	0	UG/L	10						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
9				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	30	
				SW8260	ACETONE	ND	0	UG/KG	11000	
				BROMODICHLOROMETHANE	ND	0	UG/KG	540		
				BROMOBENZENE	ND	0	UG/KG	540		
				BROMOCHLOROMETHANE	ND	0	UG/KG	540		
				BROMOMETHANE	ND	0	UG/KG	1100		
				n-BUTYLBENZENE	ND	0	UG/KG	540		
				SEC-BUTYLBENZENE	ND	0	UG/KG	540		
				t-BUTYLBENZENE	ND	0	UG/KG	540		
				BENZENE	ND	0	UG/KG	540		
				TOLUENE	ND	0	UG/KG	540		
				CARBON DISULFIDE	ND	0	UG/KG	540		
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1100		
				CHLOROBENZENE	ND	0	UG/KG	540		
				2-CHLOROTOLUENE	ND	0	UG/KG	540		
				4-CHLOROTOLUENE	ND	0	UG/KG	540		
				CHLOROETHANE	ND	0	UG/KG	1100		
				CHLOROMETHANE	ND	0	UG/KG	1100		
				CARBON TETRACHLORIDE	ND	0	UG/KG	540		
				P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	540		
DIBROMOCHLOROMETHANE	ND	0	UG/KG	540						
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	540						
DIBROMOMETHANE	ND	0	UG/KG	540						
1,1-DICHLOROETHANE	ND	0	UG/KG	540						
1,2-DICHLOROETHANE	ND	0	UG/KG	540						
1,2-DICHLOROBENZENE	ND	0	UG/KG	540						
1,3-DICHLOROBENZENE	ND	0	UG/KG	540						
1,4-DICHLOROBENZENE	ND	0	UG/KG	540						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP47	9	5/4/00	N	SW8260	1,1-DICHLOROETHENE	ND	0	UG/KG	540	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	540	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	540	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	540	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	540	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	540	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	540	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	540	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	540	
					ETHYLBENZENE	ND	0	UG/KG	540	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	540	
					TRICHLOROFUOROMETHANE	ND	0	UG/KG	1100	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1100	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	540	
					2-HEXANONE	ND	0	UG/KG	1100	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	540	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	11000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1100	
					METHYLENE CHLORIDE	ND	0	UG/KG	540	
					NAPHTHALENE	ND	0	UG/KG	1100	
					n-PROPYLBENZENE	ND	0	UG/KG	540	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	540	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	540	
					STYRENE	ND	0	UG/KG	540	
					BROMOFORM	ND	0	UG/KG	540	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	540	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	540	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	540	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	540	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	540	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	540	
					CHLOROFORM	ND	0	UG/KG	540	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	540	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	540	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	540	
					VINYL ACETATE	ND	0	UG/KG	1100	
					VINYL CHLORIDE	ND	0	UG/KG	1100	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	540	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	540	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	540	
12	12	5/4/00	N	E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	31	
SW8260				ACETONE	ND	0	UG/KG	11000		
				BROMODICHLOROMETHANE	ND	0	UG/KG	530		
				BROMOBENZENE	ND	0	UG/KG	530		
				BROMOCHLOROMETHANE	ND	0	UG/KG	530		
				BROMOMETHANE	ND	0	UG/KG	1100		
				n-BUTYLBENZENE	ND	0	UG/KG	530		
				SEC-BUTYLBENZENE	ND	0	UG/KG	530		
				t-BUTYLBENZENE	ND	0	UG/KG	530		
				BENZENE	ND	0	UG/KG	530		
				TOLUENE	ND	0	UG/KG	530		
				CARBON DISULFIDE	ND	0	UG/KG	530		

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP47	12	5/4/00	N	SW8260	2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1100	
					CHLOROBENZENE	ND	0	UG/KG	530	
					2-CHLOROTOLUENE	ND	0	UG/KG	530	
					4-CHLOROTOLUENE	ND	0	UG/KG	530	
					CHLOROETHANE	ND	0	UG/KG	1100	
					CHLOROMETHANE	ND	0	UG/KG	1100	
					CARBON TETRACHLORIDE	ND	0	UG/KG	530	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	530	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	530	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	530	
					DIBROMOMETHANE	ND	0	UG/KG	530	
					1,1-DICHLOROETHANE	ND	0	UG/KG	530	
					1,2-DICHLOROETHANE	ND	0	UG/KG	530	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	530	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	530	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	530	
					1,1-DICHLOROETHENE	ND	0	UG/KG	530	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	530	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	530	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	530	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	530	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	530	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	530	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	530	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	530	
					ETHYLBENZENE	ND	0	UG/KG	530	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	530	
					TRICHLOROFUOROMETHANE	ND	0	UG/KG	1100	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1100	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	530	
					2-HEXANONE	ND	0	UG/KG	1100	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	530	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	11000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1100	
					METHYLENE CHLORIDE	ND	0	UG/KG	530	
					NAPHTHALENE	ND	0	UG/KG	1100	
					n-PROPYLBENZENE	ND	0	UG/KG	530	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	530	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	530	
					STYRENE	ND	0	UG/KG	530	
					BROMOFORM	ND	0	UG/KG	530	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	530	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	530	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	530	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	530	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	530	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	530	
					CHLOROFORM	ND	0	UG/KG	530	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	530	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	530	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	530	
					VINYL ACETATE	ND	0	UG/KG	1100	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP47	12	5/4/00	N	SW8260	VINYL CHLORIDE	ND	0	UG/KG	1100	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	530	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	530	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	530	
SS61-DP48		5/10/00		E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	30	
				SW8260	ACETONE	ND	0	UG/KG	12000	
				BROMODICHLOROMETHANE	ND	0	UG/KG	610		
				BROMOBENZENE	ND	0	UG/KG	610		
				BROMOCHLOROMETHANE	ND	0	UG/KG	610		
				BROMOMETHANE	ND	0	UG/KG	1200		
				n-BUTYLBENZENE	ND	0	UG/KG	610		
				SEC-BUTYLBENZENE	ND	0	UG/KG	610		
				t-BUTYLBENZENE	ND	0	UG/KG	610		
				BENZENE	ND	0	UG/KG	610		
				TOLUENE	ND	0	UG/KG	610		
				CARBON DISULFIDE	ND	0	UG/KG	610		
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1200		
				CHLOROBENZENE	ND	0	UG/KG	610		
				2-CHLOROTOLUENE	ND	0	UG/KG	610		
				4-CHLOROTOLUENE	ND	0	UG/KG	610		
				CHLOROETHANE	ND	0	UG/KG	1200		
				CHLOROMETHANE	ND	0	UG/KG	1200		
				CARBON TETRACHLORIDE	ND	0	UG/KG	610		
				P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	610		
				DIBROMOCHLOROMETHANE	ND	0	UG/KG	610		
				1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	610		
				DIBROMOMETHANE	ND	0	UG/KG	610		
				1,1-DICHLOROETHANE	ND	0	UG/KG	610		
				1,2-DICHLOROETHANE	ND	0	UG/KG	610		
				1,2-DICHLOROBENZENE	ND	0	UG/KG	610		
				1,3-DICHLOROBENZENE	ND	0	UG/KG	610		
				1,4-DICHLOROBENZENE	ND	0	UG/KG	610		
				1,1-DICHLOROETHENE	ND	0	UG/KG	610		
				cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	610		
				trans-1,2-DICHLOROETHENE	ND	0	UG/KG	610		
				1,1-DICHLOROPROPENE	ND	0	UG/KG	610		
				cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	610		
				trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	610		
1,2-DICHLOROPROPANE	ND	0	UG/KG	610						
1,3-DICHLOROPROPANE	ND	0	UG/KG	610						
2,2-DICHLOROPROPANE	ND	0	UG/KG	610						
ETHYLBENZENE	ND	0	UG/KG	610						
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	610						
TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1200						
DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1200						
HEXACHLOROBUTADIENE	ND	0	UG/KG	610						
2-HEXANONE	ND	0	UG/KG	1200						
ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	610						
METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	12000						
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1200						
METHYLENE CHLORIDE	ND	0	UG/KG	610						
NAPHTHALENE	ND	0	UG/KG	1200						

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual	
SS61-DP48	12	5/10/00	N	SW8260	n-PROPYLBENZENE	ND	0	UG/KG	610		
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	610		
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	610		
					STYRENE	ND	0	UG/KG	610		
					BROMOFORM	ND	0	UG/KG	610		
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	610		
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	610		
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	610		
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	610		
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	610		
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	610		
					CHLOROFORM	ND	0	UG/KG	610		
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	610		
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	610		
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	610		
					VINYL ACETATE	ND	0	UG/KG	1200		
					VINYL CHLORIDE	ND	0	UG/KG	1200		
	M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	610						
	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	610						
	P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	610						
	13				M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	540	
					SW8260	ACETONE	ND	0	UG/L	100	
						BROMODICHLOROMETHANE	ND	0	UG/L	5	
						BROMOBENZENE	ND	0	UG/L	5	
						BROMOCHLOROMETHANE	ND	0	UG/L	5	
						BROMOMETHANE	ND	0	UG/L	10	
						n-BUTYLBENZENE	ND	0	UG/L	5	
						SEC-BUTYLBENZENE	ND	0	UG/L	5	
						t-BUTYLBENZENE	ND	0	UG/L	5	
						BENZENE	ND	0	UG/L	5	
						TOLUENE	ND	0	UG/L	5	
						CARBON DISULFIDE	ND	0	UG/L	5	
						2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	
						CHLOROBENZENE	ND	0	UG/L	5	
						2-CHLOROTOLUENE	ND	0	UG/L	5	
						4-CHLOROTOLUENE	ND	0	UG/L	5	
						CHLOROETHANE	ND	0	UG/L	10	
						CHLOROMETHANE	ND	0	UG/L	10	
					CARBON TETRACHLORIDE	ND	0	UG/L	5		
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5		
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5		
	1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5						
	DIBROMOMETHANE	ND	0	UG/L	5						
	1,1-DICHLOROETHANE	ND	0	UG/L	5						
	1,2-DICHLOROETHANE	ND	0	UG/L	5						
	1,2-DICHLOROBENZENE	ND	0	UG/L	5						
	1,3-DICHLOROBENZENE	ND	0	UG/L	5						
	1,4-DICHLOROBENZENE	ND	0	UG/L	5						
	1,1-DICHLOROETHENE	ND	0	UG/L	5						
	cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5						
	trans-1,2-DICHLOROETHENE	ND	0	UG/L	5						
	1,1-DICHLOROPROPENE	ND	0	UG/L	5						

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP48	13	5/10/00	N	SW8260	cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5						
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5						
					1,2-DICHLOROPROPANE	ND	0	UG/L	5						
					1,3-DICHLOROPROPANE	ND	0	UG/L	5						
					2,2-DICHLOROPROPANE	ND	0	UG/L	5						
					ETHYLBENZENE	ND	0	UG/L	5						
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5						
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10						
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10						
					HEXACHLOROBUTADIENE	ND	0	UG/L	5						
					2-HEXANONE	ND	0	UG/L	10						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10						
					METHYLENE CHLORIDE	ND	0	UG/L	5						
					NAPHTHALENE	ND	0	UG/L	10						
					n-PROPYLBENZENE	ND	0	UG/L	5						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5						
					STYRENE	ND	0	UG/L	5						
					BROMOFORM	ND	0	UG/L	5						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5						
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5						
					CHLOROFORM	ND	0	UG/L	5						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	10						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
					SS61-DP49	12.5			E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	37	
									SW8260	ACETONE	ND	0	UG/KG	18000	
									BROMODICHLOROMETHANE	ND	0	UG/KG	880		
									BROMOBENZENE	ND	0	UG/KG	880		
BROMOCHLOROMETHANE	ND	0	UG/KG	880											
BROMOMETHANE	ND	0	UG/KG	1800											
n-BUTYLBENZENE	ND	0	UG/KG	880											
SEC-BUTYLBENZENE	ND	0	UG/KG	880											
t-BUTYLBENZENE	ND	0	UG/KG	880											
BENZENE	ND	0	UG/KG	880											
TOLUENE	ND	0	UG/KG	880											
CARBON DISULFIDE	ND	0	UG/KG	880											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1800											
CHLOROBENZENE	ND	0	UG/KG	880											
2-CHLOROTOLUENE	ND	0	UG/KG	880											
4-CHLOROTOLUENE	ND	0	UG/KG	880											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP49	12.5	5/10/00	N	SW8260	CHLOROETHANE	ND	0	UG/KG	1800	
					CHLOROMETHANE	ND	0	UG/KG	1800	
					CARBON TETRACHLORIDE	ND	0	UG/KG	880	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	880	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	880	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	880	
					DIBROMOMETHANE	ND	0	UG/KG	880	
					1,1-DICHLOROETHANE	ND	0	UG/KG	880	
					1,2-DICHLOROETHANE	ND	0	UG/KG	880	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	880	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	880	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	880	
					1,1-DICHLOROETHENE	ND	0	UG/KG	880	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	880	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	880	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	880	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	880	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	880	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	880	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	880	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	880	
					ETHYLBENZENE	ND	0	UG/KG	880	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	880	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1800	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1800	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	880	
					2-HEXANONE	ND	0	UG/KG	1800	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	880	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	18000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1800	
					METHYLENE CHLORIDE	ND	0	UG/KG	880	
					NAPHTHALENE	ND	0	UG/KG	1800	
					n-PROPYLBENZENE	ND	0	UG/KG	880	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	880	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	880	
					STYRENE	=	1400	UG/KG	880	
					BROMOFORM	ND	0	UG/KG	880	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	880	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	880	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	880	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	880	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	880	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	880	
					CHLOROFORM	ND	0	UG/KG	880	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	880	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	880	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	880	
					VINYL ACETATE	ND	0	UG/KG	1800	
					VINYL CHLORIDE	ND	0	UG/KG	1800	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	880	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	880	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	880	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP49	16	5/10/00	N	E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	32	
					SW8260	ACETONE	ND	0	UG/KG	16000
				BROMODICHLOROMETHANE	ND	0	UG/KG	810		
				BROMOBENZENE	ND	0	UG/KG	810		
				BROMOCHLOROMETHANE	ND	0	UG/KG	810		
				BROMOMETHANE	ND	0	UG/KG	1600		
				n-BUTYLBENZENE	ND	0	UG/KG	810		
				SEC-BUTYLBENZENE	ND	0	UG/KG	810		
				1-BUTYLBENZENE	ND	0	UG/KG	810		
				BENZENE	ND	0	UG/KG	810		
				TOLUENE	ND	0	UG/KG	810		
				CARBON DISULFIDE	ND	0	UG/KG	810		
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1600		
				CHLOROBENZENE	ND	0	UG/KG	810		
				2-CHLOROTOLUENE	ND	0	UG/KG	810		
				4-CHLOROTOLUENE	ND	0	UG/KG	810		
				CHLOROETHANE	ND	0	UG/KG	1600		
				CHLOROMETHANE	ND	0	UG/KG	1600		
				CARBON TETRACHLORIDE	ND	0	UG/KG	810		
				P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	810		
				DIBROMOCHLOROMETHANE	ND	0	UG/KG	810		
				1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	810		
				DIBROMOMETHANE	ND	0	UG/KG	810		
				1,1-DICHLOROETHANE	ND	0	UG/KG	810		
				1,2-DICHLOROETHANE	ND	0	UG/KG	810		
				1,2-DICHLOROBENZENE	ND	0	UG/KG	810		
				1,3-DICHLOROBENZENE	ND	0	UG/KG	810		
				1,4-DICHLOROBENZENE	ND	0	UG/KG	810		
				1,1-DICHLOROETHENE	ND	0	UG/KG	810		
				cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	810		
				trans-1,2-DICHLOROETHENE	ND	0	UG/KG	810		
				1,1-DICHLOROPROPENE	ND	0	UG/KG	810		
				cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	810		
				trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	810		
				1,2-DICHLOROPROPANE	ND	0	UG/KG	810		
				1,3-DICHLOROPROPANE	ND	0	UG/KG	810		
				2,2-DICHLOROPROPANE	ND	0	UG/KG	810		
				ETHYLBENZENE	ND	0	UG/KG	810		
				1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	810		
				TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1600		
				DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1600		
				HEXACHLOROBUTADIENE	ND	0	UG/KG	810		
				2-HEXANONE	ND	0	UG/KG	1600		
				ISOPROPYLBENZENE (CUMENE)	=	1100	UG/KG	810		
				METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	16000		
				METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1600		
				METHYLENE CHLORIDE	ND	0	UG/KG	810		
NAPHTHALENE	ND	0	UG/KG	1600						
n-PROPYLBENZENE	ND	0	UG/KG	810						
1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	810						
TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	810						
STYRENE	ND	0	UG/KG	810						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP49	16	5/10/00	N	SW8260	BROMOFORM	ND	0	UG/KG	810						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	810						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	810						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	810						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	810						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	810						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	810						
					CHLOROFORM	ND	0	UG/KG	810						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	810						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	810						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	810						
					VINYL ACETATE	ND	0	UG/KG	1600						
					VINYL CHLORIDE	ND	0	UG/KG	1600						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	810						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	810						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	810						
					9				M8015D	PETROLEUM HYDROCARBONS	=	3600	UG/L	530	
									SW8260	ACETONE	ND	0	UG/L	100	UJ
									BROMODICHLOROMETHANE	ND	0	UG/L	5	UJ	
									BROMOBENZENE	ND	0	UG/L	5	UJ	
									BROMOCHLOROMETHANE	ND	0	UG/L	5	UJ	
									BROMOMETHANE	ND	0	UG/L	10	UJ	
									n-BUTYLBENZENE	ND	0	UG/L	5	UJ	
									SEC-BUTYLBENZENE	=	15	UG/L	5	J	
									t-BUTYLBENZENE	=	8	UG/L	5	J	
									BENZENE	=	200	UG/L	5	J	
									TOLUENE	ND	0	UG/L	5	UJ	
									CARBON DISULFIDE	ND	0	UG/L	5	UJ	
									2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	UJ	
									CHLOROBENZENE	ND	0	UG/L	5	UJ	
									2-CHLOROTOLUENE	ND	0	UG/L	5	UJ	
									4-CHLOROTOLUENE	ND	0	UG/L	5	UJ	
									CHLOROETHANE	ND	0	UG/L	10	UJ	
									CHLOROMETHANE	ND	0	UG/L	10	UJ	
									CARBON TETRACHLORIDE	ND	0	UG/L	5	UJ	
									P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	UJ	
DIBROMOCHLOROMETHANE	ND	0	UG/L	5					UJ						
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5					UJ						
DIBROMOMETHANE	ND	0	UG/L	5					UJ						
1,1-DICHLOROETHANE	ND	0	UG/L	5					UJ						
1,2-DICHLOROETHANE	ND	0	UG/L	5					UJ						
1,2-DICHLOROBENZENE	ND	0	UG/L	5					UJ						
1,3-DICHLOROBENZENE	ND	0	UG/L	5					UJ						
1,4-DICHLOROBENZENE	ND	0	UG/L	5					UJ						
1,1-DICHLOROETHENE	ND	0	UG/L	5					UJ						
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5					UJ						
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5					UJ						
1,1-DICHLOROPROPENE	ND	0	UG/L	5					UJ						
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5					UJ						
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5					UJ						
1,2-DICHLOROPROPANE	ND	0	UG/L	5					UJ						
1,3-DICHLOROPROPANE	ND	0	UG/L	5					UJ						

**Holloman Air Force Base  
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Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP49	9	5/10/00	N	SW8260	2,2-DICHLOROPROPANE	ND	0	UG/L	5	UJ					
					ETHYLBENZENE	=	3700	UG/L	500	J					
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	UJ					
					TRICHLOROFUOROMETHANE	ND	0	UG/L	10	UJ					
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	UJ					
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	UJ					
					2-HEXANONE	ND	0	UG/L	10	UJ					
					ISOPROPYLBENZENE (CUMENE)	=	5600	UG/L	500	J					
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	UJ					
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	UJ					
					METHYLENE CHLORIDE	ND	0	UG/L	5	UJ					
					NAPHTHALENE	ND	0	UG/L	10	UJ					
					n-PROPYLBENZENE	=	170	UG/L	5	J					
					1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	UJ					
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	UJ					
					STYRENE	ND	0	UG/L	5	UJ					
					BROMOFORM	ND	0	UG/L	5	UJ					
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	UJ					
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	UJ					
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	UJ					
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	UJ					
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	UJ					
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	UJ					
					CHLOROFORM	ND	0	UG/L	5	UJ					
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	UJ					
					1,2,4-TRIMETHYLBENZENE	=	910	UG/L	500	J					
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	TR	370	UG/L	500						
					VINYL ACETATE	ND	0	UG/L	10	UJ					
					VINYL CHLORIDE	ND	0	UG/L	10	UJ					
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	1200	UG/L	500	J					
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	190	UG/L	5	J					
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	UJ					
					<b>FD</b>				<b>M8015D</b>	<b>PETROLEUM HYDROCARBONS</b>	=	980	UG/L	530	
									<b>SW8260</b>	ACETONE	ND	0	UG/L	1000	UJ
										BROMODICHLOROMETHANE	ND	0	UG/L	50	UJ
										BROMOBENZENE	ND	0	UG/L	50	UJ
										BROMOCHLOROMETHANE	ND	0	UG/L	50	UJ
										BROMOMETHANE	ND	0	UG/L	100	UJ
										n-BUTYLBENZENE	ND	0	UG/L	50	UJ
										SEC-BUTYLBENZENE	ND	0	UG/L	50	UJ
										t-BUTYLBENZENE	ND	0	UG/L	50	UJ
					BENZENE	=	410	UG/L	50	J					
					TOLUENE	ND	0	UG/L	50	UJ					
					CARBON DISULFIDE	ND	0	UG/L	50	UJ					
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	100	UJ					
					CHLOROBENZENE	ND	0	UG/L	50	UJ					
					2-CHLOROTOLUENE	ND	0	UG/L	50	UJ					
					4-CHLOROTOLUENE	ND	0	UG/L	50	UJ					
					CHLOROETHANE	ND	0	UG/L	100	UJ					
					CHLOROMETHANE	ND	0	UG/L	100	UJ					
					CARBON TETRACHLORIDE	ND	0	UG/L	50	UJ					
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	50	UJ					

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP49	9	5/10/00	FD	SW8260	DIBROMOCHLOROMETHANE	ND	0	UG/L	50	UJ
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	50	UJ
					DIBROMOMETHANE	ND	0	UG/L	50	UJ
					1,1-DICHLOROETHANE	ND	0	UG/L	50	UJ
					1,2-DICHLOROETHANE	ND	0	UG/L	50	UJ
					1,2-DICHLOROBENZENE	ND	0	UG/L	50	UJ
					1,3-DICHLOROBENZENE	ND	0	UG/L	50	UJ
					1,4-DICHLOROBENZENE	ND	0	UG/L	50	UJ
					1,1-DICHLOROETHENE	ND	0	UG/L	50	UJ
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	50	UJ
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	50	UJ
					1,1-DICHLOROPROPENE	ND	0	UG/L	50	UJ
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	50	UJ
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	50	UJ
					1,2-DICHLOROPROPANE	ND	0	UG/L	50	UJ
					1,3-DICHLOROPROPANE	ND	0	UG/L	50	UJ
					2,2-DICHLOROPROPANE	ND	0	UG/L	50	UJ
					ETHYLBENZENE	=	1900	UG/L	500	J
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	50	UJ
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	100	UJ
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	100	UJ
					HEXACHLOROBUTADIENE	ND	0	UG/L	50	UJ
					2-HEXANONE	ND	0	UG/L	100	UJ
					ISOPROPYLBENZENE (CUMENE)	=	3400	UG/L	500	J
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	1000	UJ
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	100	UJ
					METHYLENE CHLORIDE	ND	0	UG/L	50	UJ
					NAPHTHALENE	ND	0	UG/L	100	UJ
					n-PROPYLBENZENE	=	250	UG/L	50	J
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	50	UJ
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	50	UJ
					STYRENE	ND	0	UG/L	50	UJ
					BROMOFORM	ND	0	UG/L	50	UJ
1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	50	UJ					
1,1,1-TRICHLOROETHANE	ND	0	UG/L	50	UJ					
1,1,2-TRICHLOROETHANE	ND	0	UG/L	50	UJ					
1,2,3-TRICHLOROBENZENE	ND	0	UG/L	50	UJ					
1,2,4-TRICHLOROBENZENE	ND	0	UG/L	50	UJ					
TRICHLOROETHYLENE (TCE)	ND	0	UG/L	50	UJ					
CHLOROFORM	ND	0	UG/L	50	UJ					
1,2,3-TRICHLOROPROPANE	ND	0	UG/L	50	UJ					
1,2,4-TRIMETHYLBENZENE	=	950	UG/L	50	J					
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	400	UG/L	50	J					
VINYL ACETATE	ND	0	UG/L	100	UJ					
VINYL CHLORIDE	ND	0	UG/L	100	UJ					
M-XYLENE (1,3-DIMETHYLBENZENE)	=	1200	UG/L	500	J					
O-XYLENE (1,2-DIMETHYLBENZENE)	=	270	UG/L	50	J					
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	50	UJ					
1	7/5/00	N	E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	29		
				ACETONE	ND	0	UG/KG	1600		
				BROMODICHLOROMETHANE	ND	0	UG/KG	320		
				BROMOBENZENE	ND	0	UG/KG	320		

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP49	1	7/5/00	N	SW8260	BROMOCHLOROMETHANE	ND	0	UG/KG	320	
					BROMOMETHANE	ND	0	UG/KG	320	
					n-BUTYLBENZENE	ND	0	UG/KG	320	
					SEC-BUTYLBENZENE	ND	0	UG/KG	320	
					t-BUTYLBENZENE	ND	0	UG/KG	320	
					BENZENE	ND	0	UG/KG	320	
					TOLUENE	ND	0	UG/KG	320	
					CARBON DISULFIDE	ND	0	UG/KG	320	
					CHLOROBENZENE	ND	0	UG/KG	320	
					2-CHLOROTOLUENE	ND	0	UG/KG	320	
					4-CHLOROTOLUENE	ND	0	UG/KG	320	
					CHLOROETHANE	ND	0	UG/KG	320	
					CHLOROMETHANE	ND	0	UG/KG	320	
					CARBON TETRACHLORIDE	ND	0	UG/KG	320	
					P-CYMENE (p-ISOPROPYL TOLUENE)	ND	0	UG/KG	320	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	320	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	320	
					DIBROMOMETHANE	ND	0	UG/KG	320	
					1,1-DICHLOROETHANE	ND	0	UG/KG	320	
					1,2-DICHLOROETHANE	ND	0	UG/KG	320	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	320	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	320	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	320	
					1,1-DICHLOROETHENE	ND	0	UG/KG	320	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	320	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	320	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	320	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	320	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	320	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	320	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	650	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	650	
					ETHYLBENZENE	ND	0	UG/KG	320	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	320	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	320	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	320	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	320	
					2-HEXANONE	ND	0	UG/KG	1600	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	320	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	1600	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1600	
					METHYLENE CHLORIDE	ND	0	UG/KG	320	
					NAPHTHALENE	ND	0	UG/KG	650	
					n-PROPYLBENZENE	ND	0	UG/KG	320	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	320	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	320	
					STYRENE	ND	0	UG/KG	320	
					BROMOFORM	ND	0	UG/KG	320	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	320	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	320	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	320	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	320	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP49	1	7/5/00	N	SW8260	1,2,4-TRICHLOROENZENE	ND	0	UG/KG	320						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	320						
					CHLOROFORM	ND	0	UG/KG	320						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	320						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	320						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	320						
					VINYL CHLORIDE	ND	0	UG/KG	320						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	320						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	320						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	320						
					SS61-DP50	11	5/11/00		E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	37	
										ACETONE	ND	0	UG/KG	13000	
									BROMODICHLOROMETHANE	ND	0	UG/KG	660		
									BROMOBENZENE	ND	0	UG/KG	660		
BROMOCHLOROMETHANE	ND	0	UG/KG	660											
BROMOMETHANE	ND	0	UG/KG	1300											
n-BUTYLBENZENE	ND	0	UG/KG	660											
SEC-BUTYLBENZENE	ND	0	UG/KG	660											
t-BUTYLBENZENE	ND	0	UG/KG	660											
BENZENE	ND	0	UG/KG	660											
TOLUENE	ND	0	UG/KG	660											
CARBON DISULFIDE	ND	0	UG/KG	660											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1300											
CHLOROBENZENE	ND	0	UG/KG	660											
2-CHLOROTOLUENE	ND	0	UG/KG	660											
4-CHLOROTOLUENE	ND	0	UG/KG	660											
CHLOROETHANE	ND	0	UG/KG	1300											
CHLOROMETHANE	ND	0	UG/KG	1300											
CARBON TETRACHLORIDE	ND	0	UG/KG	660											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	660											
DIBROMOCHLOROMETHANE	ND	0	UG/KG	660											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	660											
DIBROMOMETHANE	ND	0	UG/KG	660											
1,1-DICHLOROETHANE	ND	0	UG/KG	660											
1,2-DICHLOROETHANE	ND	0	UG/KG	660											
1,2-DICHLOROBENZENE	ND	0	UG/KG	660											
1,3-DICHLOROBENZENE	ND	0	UG/KG	660											
1,4-DICHLOROBENZENE	ND	0	UG/KG	660											
1,1-DICHLOROETHENE	ND	0	UG/KG	660											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	660											
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	660											
1,1-DICHLOROPROPENE	ND	0	UG/KG	660											
cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	660											
trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	660											
1,2-DICHLOROPROPANE	ND	0	UG/KG	660											
1,3-DICHLOROPROPANE	ND	0	UG/KG	660											
2,2-DICHLOROPROPANE	ND	0	UG/KG	660											
ETHYLBENZENE	ND	0	UG/KG	660											
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	660											
TRICHLOROFUOROMETHANE	ND	0	UG/KG	1300											
DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1300											
HEXACHLOROBUTADIENE	ND	0	UG/KG	660											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP50	11	5/11/00	N	SW8260	2-HEXANONE	ND	0	UG/KG	1300						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	660						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	13000						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1300						
					METHYLENE CHLORIDE	ND	0	UG/KG	660						
					NAPHTHALENE	ND	0	UG/KG	1300						
					n-PROPYLBENZENE	ND	0	UG/KG	660						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	660						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	660						
					STYRENE	ND	0	UG/KG	660						
					BROMOFORM	ND	0	UG/KG	660						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	660						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	660						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	660						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	660						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	660						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	660						
					CHLOROFORM	ND	0	UG/KG	660						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	660						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	660						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	660						
					VINYL ACETATE	ND	0	UG/KG	1300						
					VINYL CHLORIDE	ND	0	UG/KG	1300						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	660						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	660						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	660						
					16				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	32	
									SW8260	ACETONE	ND	0	UG/KG	12000	
									BROMODICHLOROMETHANE	ND	0	UG/KG	620		
									BROMOBENZENE	ND	0	UG/KG	620		
									BROMOCHLOROMETHANE	ND	0	UG/KG	620		
									BROMOMETHANE	ND	0	UG/KG	1200		
									n-BUTYLBENZENE	ND	0	UG/KG	620		
									SEC-BUTYLBENZENE	ND	0	UG/KG	620		
									t-BUTYLBENZENE	ND	0	UG/KG	620		
									BENZENE	ND	0	UG/KG	620		
									TOLUENE	ND	0	UG/KG	620		
									CARBON DISULFIDE	ND	0	UG/KG	620		
									2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1200		
									CHLOROBENZENE	ND	0	UG/KG	620		
									2-CHLOROTOLUENE	ND	0	UG/KG	620		
									4-CHLOROTOLUENE	ND	0	UG/KG	620		
									CHLOROETHANE	ND	0	UG/KG	1200		
CHLOROMETHANE	ND	0	UG/KG	1200											
CARBON TETRACHLORIDE	ND	0	UG/KG	620											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	620											
DIBROMOCHLOROMETHANE	ND	0	UG/KG	620											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	620											
DIBROMOMETHANE	ND	0	UG/KG	620											
1,1-DICHLOROETHANE	ND	0	UG/KG	620											
1,2-DICHLOROETHANE	ND	0	UG/KG	620											
1,2-DICHLOROBENZENE	ND	0	UG/KG	620											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP50	16	5/11/00	N	SW8260	1,3-DICHLOROBENZENE	ND	0	UG/KG	620	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	620	
					1,1-DICHLOROETHENE	ND	0	UG/KG	620	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	620	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	620	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	620	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	620	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	620	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	620	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	620	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	620	
					ETHYLBENZENE	ND	0	UG/KG	620	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	620	
					TRICHLOROFUOROMETHANE	ND	0	UG/KG	1200	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1200	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	620	
					2-HEXANONE	ND	0	UG/KG	1200	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	620	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	12000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1200	
					METHYLENE CHLORIDE	ND	0	UG/KG	620	
					NAPHTHALENE	ND	0	UG/KG	1200	
					n-PROPYLBENZENE	ND	0	UG/KG	620	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	620	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	620	
					STYRENE	ND	0	UG/KG	620	
					BROMOFORM	ND	0	UG/KG	620	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	620	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	620	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	620	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	620	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	620	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	620	
					CHLOROFORM	ND	0	UG/KG	620	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	620	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	620	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	620	
					VINYL ACETATE	ND	0	UG/KG	1200	
					VINYL CHLORIDE	ND	0	UG/KG	1200	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	620	
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	620						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	620						
13				M8015D	PETROLEUM HYDROCARBONS	=	860	UG/L	550	J
				SW8260	ACETONE	ND	0	UG/L	100	UJ
					BROMODICHLOROMETHANE	ND	0	UG/L	5	UJ
					BROMOBENZENE	ND	0	UG/L	5	UJ
					BROMOCHLOROMETHANE	ND	0	UG/L	5	UJ
					BROMOMETHANE	ND	0	UG/L	10	UJ
					n-BUTYLBENZENE	ND	0	UG/L	5	UJ
					SEC-BUTYLBENZENE	ND	0	UG/L	5	UJ
					t-BUTYLBENZENE	=	6.9	UG/L	5	J
					BENZENE	=	270	UG/L	50	J

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP50	13	5/11/00	N	SW8260	TOLUENE	ND	0	UG/L	5	UJ
					CARBON DISULFIDE	ND	0	UG/L	5	UJ
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	UJ
					CHLOROBENZENE	ND	0	UG/L	5	UJ
					2-CHLOROTOLUENE	ND	0	UG/L	5	UJ
					4-CHLOROTOLUENE	ND	0	UG/L	5	UJ
					CHLOROETHANE	ND	0	UG/L	10	UJ
					CHLOROMETHANE	ND	0	UG/L	10	UJ
					CARBON TETRACHLORIDE	ND	0	UG/L	5	UJ
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	UJ
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	UJ
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	UJ
					DIBROMOMETHANE	ND	0	UG/L	5	UJ
					1,1-DICHLOROETHANE	ND	0	UG/L	5	UJ
					1,2-DICHLOROETHANE	ND	0	UG/L	5	UJ
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	UJ
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	UJ
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	UJ
					1,1-DICHLOROETHENE	ND	0	UG/L	5	UJ
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	UJ
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	UJ
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	UJ
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	UJ
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	UJ
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	UJ
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	UJ
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	UJ
					ETHYLBENZENE	ND	0	UG/L	5	UJ
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	UJ
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	UJ
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	UJ
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	UJ
					2-HEXANONE	ND	0	UG/L	10	UJ
					ISOPROPYLBENZENE (CUMENE)	=	7.8	UG/L	5	J
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	UJ
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	UJ
					METHYLENE CHLORIDE	ND	0	UG/L	5	UJ
					NAPHTHALENE	ND	0	UG/L	10	UJ
					n-PROPYLBENZENE	ND	0	UG/L	5	UJ
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	UJ
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	UJ
					STYRENE	ND	0	UG/L	5	UJ
					BROMOFORM	ND	0	UG/L	5	UJ
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	UJ
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	UJ
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	UJ
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	UJ
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	UJ
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	UJ
					CHLOROFORM	ND	0	UG/L	5	UJ
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	UJ
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	UJ

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP50	13	5/11/00	N	SW8260	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	UJ
					VINYL ACETATE	ND	0	UG/L	10	UJ
					VINYL CHLORIDE	ND	0	UG/L	10	UJ
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	UJ
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	UJ
1	7/5/00			E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	29	
				SW8260	ACETONE	ND	0	UG/KG	1700	
				BROMODICHLOROMETHANE	ND	0	UG/KG	350		
				BROMOBENZENE	ND	0	UG/KG	350		
				BROMOCHLOROMETHANE	ND	0	UG/KG	350		
				BROMOMETHANE	ND	0	UG/KG	350		
				n-BUTYLBENZENE	ND	0	UG/KG	350		
				SEC-BUTYLBENZENE	ND	0	UG/KG	350		
				t-BUTYLBENZENE	ND	0	UG/KG	350		
				BENZENE	ND	0	UG/KG	350		
				TOLUENE	ND	0	UG/KG	350		
				CARBON DISULFIDE	ND	0	UG/KG	350		
				CHLOROBENZENE	ND	0	UG/KG	350		
				2-CHLOROTOLUENE	ND	0	UG/KG	350		
				4-CHLOROTOLUENE	ND	0	UG/KG	350		
				CHLOROETHANE	ND	0	UG/KG	350		
				CHLOROMETHANE	ND	0	UG/KG	350		
				CARBON TETRACHLORIDE	ND	0	UG/KG	350		
				P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	350		
				DIBROMOCHLOROMETHANE	ND	0	UG/KG	350		
				1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	350		
				DIBROMOMETHANE	ND	0	UG/KG	350		
				1,1-DICHLOROETHANE	ND	0	UG/KG	350		
				1,2-DICHLOROETHANE	ND	0	UG/KG	350		
				1,2-DICHLOROBENZENE	ND	0	UG/KG	350		
				1,3-DICHLOROBENZENE	ND	0	UG/KG	350		
				1,4-DICHLOROBENZENE	ND	0	UG/KG	350		
				1,1-DICHLOROETHENE	ND	0	UG/KG	350		
				cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	350		
				trans-1,2-DICHLOROETHENE	ND	0	UG/KG	350		
				1,1-DICHLOROPROPENE	ND	0	UG/KG	350		
				cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	350		
				trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	350		
				1,2-DICHLOROPROPANE	ND	0	UG/KG	350		
				1,3-DICHLOROPROPANE	ND	0	UG/KG	700		
				2,2-DICHLOROPROPANE	ND	0	UG/KG	700		
				ETHYLBENZENE	ND	0	UG/KG	350		
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	350						
TRICHLOROFLUOROMETHANE	ND	0	UG/KG	350						
DICHLORODIFLUOROMETHANE	ND	0	UG/KG	350						
HEXACHLOROBUTADIENE	ND	0	UG/KG	350						
2-HEXANONE	ND	0	UG/KG	1700						
ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	350						
METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	1700						
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1700						
METHYLENE CHLORIDE	ND	0	UG/KG	350						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP50	1	7/5/00	N	SW8260	NAPHTHALENE	ND	0	UG/KG	700						
					n-PROPYLBENZENE	ND	0	UG/KG	350						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	350						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	350						
					STYRENE	ND	0	UG/KG	350						
					BROMOFORM	ND	0	UG/KG	350						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	350						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	350						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	350						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	350						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	350						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	350						
					CHLOROFORM	ND	0	UG/KG	350						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	350						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	350						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	350						
					VINYL CHLORIDE	ND	0	UG/KG	350						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	350						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	350						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	350						
					SS61-DP51	14	5/11/00		M8015D	PETROLEUM HYDROCARBONS	=	760	UG/L	500	J
									SW8260	ACETONE	ND	0	UG/L	100	
									BROMODICHLOROMETHANE	ND	0	UG/L	5		
BROMOBENZENE	ND	0	UG/L	5											
BROMOCHLOROMETHANE	ND	0	UG/L	5											
BROMOMETHANE	ND	0	UG/L	10											
n-BUTYLBENZENE	ND	0	UG/L	5											
SEC-BUTYLBENZENE	ND	0	UG/L	5											
t-BUTYLBENZENE	ND	0	UG/L	5											
BENZENE	ND	0	UG/L	5											
TOLUENE	ND	0	UG/L	5											
CARBON DISULFIDE	ND	0	UG/L	5											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10											
CHLOROBENZENE	ND	0	UG/L	5											
2-CHLOROTOLUENE	ND	0	UG/L	5											
4-CHLOROTOLUENE	ND	0	UG/L	5											
CHLOROETHANE	ND	0	UG/L	10											
CHLOROMETHANE	ND	0	UG/L	10											
CARBON TETRACHLORIDE	ND	0	UG/L	5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5											
DIBROMOMETHANE	ND	0	UG/L	5											
1,1-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROBENZENE	ND	0	UG/L	5											
1,3-DICHLOROBENZENE	ND	0	UG/L	5											
1,4-DICHLOROBENZENE	ND	0	UG/L	5											
1,1-DICHLOROETHENE	ND	0	UG/L	5											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5											
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5											
1,1-DICHLOROPROPENE	ND	0	UG/L	5											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP51	14	5/11/00	N	SW8260	cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5						
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5						
					1,2-DICHLOROPROPANE	ND	0	UG/L	5						
					1,3-DICHLOROPROPANE	ND	0	UG/L	5						
					2,2-DICHLOROPROPANE	ND	0	UG/L	5						
					ETHYLBENZENE	ND	0	UG/L	5						
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5						
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10						
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10						
					HEXACHLOROBUTADIENE	ND	0	UG/L	5						
					2-HEXANONE	ND	0	UG/L	10						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10						
					METHYLENE CHLORIDE	ND	0	UG/L	5						
					NAPHTHALENE	ND	0	UG/L	10						
					n-PROPYLBENZENE	ND	0	UG/L	5						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5						
					STYRENE	ND	0	UG/L	5						
					BROMOFORM	ND	0	UG/L	5						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5						
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5						
					CHLOROFORM	ND	0	UG/L	5						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	10						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
					15				E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	35	
										ACETONE	ND	0	UG/KG	13000	
										BROMODICHLOROMETHANE	ND	0	UG/KG	670	
										BROMOBENZENE	ND	0	UG/KG	670	
BROMOCHLOROMETHANE	ND	0	UG/KG	670											
BROMOMETHANE	ND	0	UG/KG	1300											
n-BUTYLBENZENE	ND	0	UG/KG	670											
SEC-BUTYLBENZENE	ND	0	UG/KG	670											
t-BUTYLBENZENE	ND	0	UG/KG	670											
BENZENE	ND	0	UG/KG	670											
TOLUENE	ND	0	UG/KG	670											
CARBON DISULFIDE	ND	0	UG/KG	670											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1300											
CHLOROBENZENE	ND	0	UG/KG	670											
2-CHLOROTOLUENE	ND	0	UG/KG	670											
4-CHLOROTOLUENE	ND	0	UG/KG	670											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP51	15	5/11/00	N	SW8260	CHLOROETHANE	ND	0	UG/KG	1300	
					CHLROMETHANE	ND	0	UG/KG	1300	
					CARBON TETRACHLORIDE	ND	0	UG/KG	670	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	670	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	670	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	670	
					DIBROMOMETHANE	ND	0	UG/KG	670	
					1,1-DICHLOROETHANE	ND	0	UG/KG	670	
					1,2-DICHLOROETHANE	ND	0	UG/KG	670	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	670	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	670	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	670	
					1,1-DICHLOROETHENE	ND	0	UG/KG	670	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	670	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	670	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	670	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	670	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	670	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	670	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	670	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	670	
					ETHYLBENZENE	ND	0	UG/KG	670	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	670	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1300	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1300	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	670	
					2-HEXANONE	ND	0	UG/KG	1300	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	670	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	13000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1300	
					METHYLENE CHLORIDE	ND	0	UG/KG	670	
					NAPHTHALENE	ND	0	UG/KG	1300	
					n-PROPYLBENZENE	ND	0	UG/KG	670	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	670	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	670	
					STYRENE	ND	0	UG/KG	670	
					BROMOFORM	ND	0	UG/KG	670	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	670	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	670	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	670	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	670	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	670	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	670	
					CHLOROFORM	ND	0	UG/KG	670	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	670	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	670	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	670	
					VINYL ACETATE	ND	0	UG/KG	1300	
					VINYL CHLORIDE	ND	0	UG/KG	1300	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	670	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	670	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	670	

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Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP51	15	5/11/00	FD	E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	35	
					SW8260	ACETONE	ND	0	UG/KG	14000
					BROMODICHLOROMETHANE	ND	0	UG/KG	690	
					BROMOBENZENE	ND	0	UG/KG	690	
					BROMOCHLOROMETHANE	ND	0	UG/KG	690	
					BROMOMETHANE	ND	0	UG/KG	1400	
					n-BUTYLBENZENE	ND	0	UG/KG	690	
					SEC-BUTYLBENZENE	ND	0	UG/KG	690	
					t-BUTYLBENZENE	ND	0	UG/KG	690	
					BENZENE	ND	0	UG/KG	690	
					TOLUENE	ND	0	UG/KG	690	
					CARBON DISULFIDE	ND	0	UG/KG	690	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1400	
					CHLOROBENZENE	ND	0	UG/KG	690	
					2-CHLOROTOLUENE	ND	0	UG/KG	690	
					4-CHLOROTOLUENE	ND	0	UG/KG	690	
					CHLOROETHANE	ND	0	UG/KG	1400	
					CHLOROMETHANE	ND	0	UG/KG	1400	
					CARBON TETRACHLORIDE	ND	0	UG/KG	690	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	690	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	690	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	690	
					DIBROMOMETHANE	ND	0	UG/KG	690	
					1,1-DICHLOROETHANE	ND	0	UG/KG	690	
					1,2-DICHLOROETHANE	ND	0	UG/KG	690	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	690	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	690	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	690	
					1,1-DICHLOROETHENE	ND	0	UG/KG	690	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	690	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	690	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	690	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	690	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	690	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	690	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	690	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	690	
					ETHYLBENZENE	ND	0	UG/KG	690	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	690	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1400	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1400	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	690	
	2-HEXANONE	ND	0	UG/KG	1400					
	ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	690					
	METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	14000					
	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1400					
	METHYLENE CHLORIDE	ND	0	UG/KG	690					
	NAPHTHALENE	ND	0	UG/KG	1400					
	n-PROPYLBENZENE	ND	0	UG/KG	690					
	1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	690					
	TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	690					
	STYRENE	ND	0	UG/KG	690					

**Holloman Air Force Base  
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Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP51	15	5/11/00	FD	SW8260	BROMOFORM	ND	0	UG/KG	690						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	690						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	690						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	690						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	690						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	690						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	690						
					CHLOROFORM	ND	0	UG/KG	690						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	690						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	690						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	690						
					VINYL ACETATE	ND	0	UG/KG	1400						
					VINYL CHLORIDE	ND	0	UG/KG	1400						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	690						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	690						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	690						
					SS61-DP52	16		N	E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	32	
										ACETONE	ND	0	UG/KG	19000	
										BROMODICHLOROMETHANE	ND	0	UG/KG	930	
										BROMOBENZENE	ND	0	UG/KG	930	
BROMOCHLOROMETHANE	ND	0	UG/KG	930											
BROMOMETHANE	ND	0	UG/KG	1900											
n-BUTYLBENZENE	ND	0	UG/KG	930											
SEC-BUTYLBENZENE	ND	0	UG/KG	930											
t-BUTYLBENZENE	ND	0	UG/KG	930											
BENZENE	ND	0	UG/KG	930											
TOLUENE	ND	0	UG/KG	930											
CARBON DISULFIDE	ND	0	UG/KG	930											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1900											
CHLOROBENZENE	ND	0	UG/KG	930											
2-CHLOROTOLUENE	ND	0	UG/KG	930											
4-CHLOROTOLUENE	ND	0	UG/KG	930											
CHLOROETHANE	ND	0	UG/KG	1900											
CHLOROMETHANE	ND	0	UG/KG	1900											
CARBON TETRACHLORIDE	ND	0	UG/KG	930											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	930											
DIBROMOCHLOROMETHANE	ND	0	UG/KG	930											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	930											
DIBROMOMETHANE	ND	0	UG/KG	930											
1,1-DICHLOROETHANE	ND	0	UG/KG	930											
1,2-DICHLOROETHANE	ND	0	UG/KG	930											
1,2-DICHLOROBENZENE	ND	0	UG/KG	930											
1,3-DICHLOROBENZENE	ND	0	UG/KG	930											
1,4-DICHLOROBENZENE	ND	0	UG/KG	930											
1,1-DICHLOROETHENE	ND	0	UG/KG	930											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	930											
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	930											
1,1-DICHLOROPROPENE	ND	0	UG/KG	930											
cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	930											
trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	930											
1,2-DICHLOROPROPANE	ND	0	UG/KG	930											
1,3-DICHLOROPROPANE	ND	0	UG/KG	930											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual				
SS61-DP52	16	5/11/00	N	SW8260	2,2-DICHLOROPROPANE	ND	0	UG/KG	930					
					ETHYLBENZENE	ND	0	UG/KG	930					
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	930					
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1900					
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1900					
					HEXACHLOROBUTADIENE	ND	0	UG/KG	930					
					2-HEXANONE	ND	0	UG/KG	1900					
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	930					
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	19000					
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1900					
					METHYLENE CHLORIDE	ND	0	UG/KG	930					
					NAPHTHALENE	ND	0	UG/KG	1900					
					n-PROPYLBENZENE	ND	0	UG/KG	930					
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	930					
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	930					
					STYRENE	ND	0	UG/KG	930					
					BROMOFORM	ND	0	UG/KG	930					
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	930					
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	930					
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	930					
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	930					
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	930					
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	930					
					CHLOROFORM	ND	0	UG/KG	930					
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	930					
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	930					
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	930					
					VINYL ACETATE	ND	0	UG/KG	1900					
					VINYL CHLORIDE	ND	0	UG/KG	1900					
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	930					
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	930					
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	930					
					M8015D				PETROLEUM HYDROCARBONS	ND	0	UG/L	520	
					SW8260				ACETONE	ND	0	UG/L	100	
									BROMODICHLOROMETHANE	ND	0	UG/L	5	
									BROMOBENZENE	ND	0	UG/L	5	
									BROMOCHLOROMETHANE	ND	0	UG/L	5	
									BROMOMETHANE	ND	0	UG/L	10	
									n-BUTYLBENZENE	ND	0	UG/L	5	
									SEC-BUTYLBENZENE	ND	0	UG/L	5	
									t-BUTYLBENZENE	ND	0	UG/L	5	
									BENZENE	ND	0	UG/L	5	
				TOLUENE	ND	0	UG/L	5						
				CARBON DISULFIDE	ND	0	UG/L	5						
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10						
				CHLOROBENZENE	ND	0	UG/L	5						
				2-CHLOROTOLUENE	ND	0	UG/L	5						
				4-CHLOROTOLUENE	ND	0	UG/L	5						
				CHLOROETHANE	ND	0	UG/L	10						
				CHLOROMETHANE	ND	0	UG/L	10						
				CARBON TETRACHLORIDE	ND	0	UG/L	5						
				P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5						

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP52	16	5/11/00	N	SW8260	DIBROMOCHLOROMETHANE	ND	0	UG/L	5						
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5						
					DIBROMOMETHANE	ND	0	UG/L	5						
					1,1-DICHLOROETHANE	ND	0	UG/L	5						
					1,2-DICHLOROETHANE	ND	0	UG/L	5						
					1,2-DICHLOROBENZENE	ND	0	UG/L	5						
					1,3-DICHLOROBENZENE	ND	0	UG/L	5						
					1,4-DICHLOROBENZENE	ND	0	UG/L	5						
					1,1-DICHLOROETHENE	ND	0	UG/L	5						
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5						
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5						
					1,1-DICHLOROPROPENE	ND	0	UG/L	5						
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5						
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5						
					1,2-DICHLOROPROPANE	ND	0	UG/L	5						
					1,3-DICHLOROPROPANE	ND	0	UG/L	5						
					2,2-DICHLOROPROPANE	ND	0	UG/L	5						
					ETHYLBENZENE	ND	0	UG/L	5						
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5						
					TRICHLOROFUOROMETHANE	ND	0	UG/L	10						
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10						
					HEXACHLOROBUTADIENE	ND	0	UG/L	5						
					2-HEXANONE	ND	0	UG/L	10						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10						
					METHYLENE CHLORIDE	ND	0	UG/L	5						
					NAPHTHALENE	ND	0	UG/L	10						
					n-PROPYLBENZENE	ND	0	UG/L	5						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5						
					STYRENE	ND	0	UG/L	5						
					BROMOFORM	ND	0	UG/L	5						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5						
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5						
					CHLOROFORM	ND	0	UG/L	5						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	10						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
					SS61-DP53				E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	32	
									SW8260	ACETONE	ND	0	UG/KG	12000	
										BROMODICHLOROMETHANE	ND	0	UG/KG	610	
										BROMOBENZENE	ND	0	UG/KG	610	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP53	16	5/11/00	N	SW8260	BROMOCHLOROMETHANE	ND	0	UG/KG	610	
					BROMOMETHANE	ND	0	UG/KG	1200	
					n-BUTYLBENZENE	ND	0	UG/KG	610	
					SEC-BUTYLBENZENE	ND	0	UG/KG	610	
					t-BUTYLBENZENE	ND	0	UG/KG	610	
					BENZENE	ND	0	UG/KG	610	
					TOLUENE	ND	0	UG/KG	610	
					CARBON DISULFIDE	ND	0	UG/KG	610	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1200	
					CHLOROBENZENE	ND	0	UG/KG	610	
					2-CHLOROTOLUENE	ND	0	UG/KG	610	
					4-CHLOROTOLUENE	ND	0	UG/KG	610	
					CHLOROETHANE	ND	0	UG/KG	1200	
					CHLOROMETHANE	ND	0	UG/KG	1200	
					CARBON TETRACHLORIDE	ND	0	UG/KG	610	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	610	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	610	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	610	
					DIBROMOMETHANE	ND	0	UG/KG	610	
					1,1-DICHLOROETHANE	ND	0	UG/KG	610	
					1,2-DICHLOROETHANE	ND	0	UG/KG	610	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	610	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	610	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	610	
					1,1-DICHLOROETHENE	ND	0	UG/KG	610	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	610	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	610	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	610	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	610	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	610	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	610	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	610	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	610	
					ETHYLBENZENE	ND	0	UG/KG	610	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	610	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1200	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1200	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	610	
					2-HEXANONE	ND	0	UG/KG	1200	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	610	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	12000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1200	
METHYLENE CHLORIDE	ND	0	UG/KG	610						
NAPHTHALENE	ND	0	UG/KG	1200						
n-PROPYLBENZENE	ND	0	UG/KG	610						
1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	610						
TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	610						
STYRENE	ND	0	UG/KG	610						
BROMOFORM	ND	0	UG/KG	610						
1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	610						
1,1,1-TRICHLOROETHANE	ND	0	UG/KG	610						
1,1,2-TRICHLOROETHANE	ND	0	UG/KG	610						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP53	16	5/11/00	N	SW8260	1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	610						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	610						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	610						
					CHLOROFORM	ND	0	UG/KG	610						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	610						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	610						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	610						
					VINYL ACETATE	ND	0	UG/KG	1200						
					VINYL CHLORIDE	ND	0	UG/KG	1200						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	610						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	610						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	610						
					12				M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
									SW8260	ACETONE	ND	0	UG/L	100	
									BROMODICHLOROMETHANE	ND	0	UG/L	5		
	BROMOBENZENE	ND	0	UG/L					5						
	BROMOCHLOROMETHANE	ND	0	UG/L					5						
	BROMOMETHANE	ND	0	UG/L					10						
	n-BUTYLBENZENE	ND	0	UG/L					5						
	SEC-BUTYLBENZENE	ND	0	UG/L					5						
	t-BUTYLBENZENE	ND	0	UG/L					5						
	BENZENE	ND	0	UG/L					5						
	TOLUENE	ND	0	UG/L	5										
	CARBON DISULFIDE	ND	0	UG/L	5										
	2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10										
CHLOROBENZENE	ND	0	UG/L	5											
2-CHLOROTOLUENE	ND	0	UG/L	5											
4-CHLOROTOLUENE	ND	0	UG/L	5											
CHLOROETHANE	ND	0	UG/L	10											
CHLOROMETHANE	ND	0	UG/L	10											
CARBON TETRACHLORIDE	ND	0	UG/L	5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5											
DIBROMOMETHANE	ND	0	UG/L	5											
1,1-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROBENZENE	ND	0	UG/L	5											
1,3-DICHLOROBENZENE	ND	0	UG/L	5											
1,4-DICHLOROBENZENE	ND	0	UG/L	5											
1,1-DICHLOROETHENE	ND	0	UG/L	5											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5											
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5											
1,1-DICHLOROPROPENE	ND	0	UG/L	5											
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5											
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5											
1,2-DICHLOROPROPANE	ND	0	UG/L	5											
1,3-DICHLOROPROPANE	ND	0	UG/L	5											
2,2-DICHLOROPROPANE	ND	0	UG/L	5											
ETHYLBENZENE	ND	0	UG/L	5											
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5											
TRICHLOROFLUOROMETHANE	ND	0	UG/L	10											

**Holloman Air Force Base  
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Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP53	12	5/11/00	N	SW8260	DICHLORODIFLUOROMETHANE	ND	0	UG/L	10						
					HEXACHLOROBUTADIENE	ND	0	UG/L	5						
					2-HEXANONE	ND	0	UG/L	10						
					ISOPROPYL BENZENE (CUMENE)	ND	0	UG/L	5						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10						
					METHYLENE CHLORIDE	ND	0	UG/L	5						
					NAPHTHALENE	ND	0	UG/L	10						
					n-PROPYL BENZENE	ND	0	UG/L	5						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5						
					STYRENE	ND	0	UG/L	5						
					BROMOFORM	ND	0	UG/L	5						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5						
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5						
					CHLOROFORM	ND	0	UG/L	5						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	10						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
					SS61-DP54	15	5/12/00		M8015D SW8260	PETROLEUM HYDROCARBONS	=	840	UG/L	520	
										ACETONE	ND	0	UG/L	100	
										BROMODICHLOROMETHANE	ND	0	UG/L	5	
										BROMOBENZENE	ND	0	UG/L	5	
										BROMOCHLOROMETHANE	ND	0	UG/L	5	
BROMOMETHANE	ND	0	UG/L	10											
n-BUTYLBENZENE	ND	0	UG/L	5											
SEC-BUTYLBENZENE	ND	0	UG/L	5											
t-BUTYLBENZENE	ND	0	UG/L	5											
BENZENE	ND	0	UG/L	5											
TOLUENE	ND	0	UG/L	5											
CARBON DISULFIDE	ND	0	UG/L	5											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10											
CHLOROBENZENE	ND	0	UG/L	5											
2-CHLOROTOLUENE	ND	0	UG/L	5											
4-CHLOROTOLUENE	ND	0	UG/L	5											
CHLOROETHANE	ND	0	UG/L	10											
CHLOROMETHANE	ND	0	UG/L	10											
CARBON TETRACHLORIDE	ND	0	UG/L	5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5											
DIBROMOMETHANE	ND	0	UG/L	5											
1,1-DICHLOROETHANE	ND	0	UG/L	5											

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SS61 Phase II RI  
Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP54	15	5/12/00	N	SW8260	1,2-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	
					1,1-DICHLOROETHENE	ND	0	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	
					ETHYLBENZENE	ND	0	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	
					TRICHLOROFUOROMETHANE	ND	0	UG/L	10	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	10	
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
<b>E418.1</b>				PETROLEUM HYDROCARBONS	ND	0	MG/KG	33		
				<b>SW8260</b>						
				ACETONE	ND	0	UG/KG	9200		
				BROMODICHLOROMETHANE	ND	0	UG/KG	460		
				BROMOBENZENE	ND	0	UG/KG	460		
				BROMOCHLOROMETHANE	ND	0	UG/KG	460		
				BROMOMETHANE	ND	0	UG/KG	920		
				n-BUTYLBENZENE	ND	0	UG/KG	460		
				SEC-BUTYLBENZENE	ND	0	UG/KG	460		

**Holloman Air Force Base  
SS61 Phase II RI  
Chemical Analytical Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP54	15	5/12/00	N	SW8260	t-BUTYLBENZENE	ND	0	UG/KG	460	
					BENZENE	ND	0	UG/KG	460	
					TOLUENE	ND	0	UG/KG	460	
					CARBON DISULFIDE	ND	0	UG/KG	460	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	920	
					CHLOROBENZENE	ND	0	UG/KG	460	
					2-CHLOROTOLUENE	ND	0	UG/KG	460	
					4-CHLOROTOLUENE	ND	0	UG/KG	460	
					CHLOROETHANE	ND	0	UG/KG	920	
					CHLOROMETHANE	ND	0	UG/KG	920	
					CARBON TETRACHLORIDE	ND	0	UG/KG	460	
					P-CYME (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	460	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	460	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	460	
					DIBROMOMETHANE	ND	0	UG/KG	460	
					1,1-DICHLOROETHANE	ND	0	UG/KG	460	
					1,2-DICHLOROETHANE	ND	0	UG/KG	460	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	460	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	460	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	460	
					1,1-DICHLOROETHENE	ND	0	UG/KG	460	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	460	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	460	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	460	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	460	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	460	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	460	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	460	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	460	
					ETHYLBENZENE	ND	0	UG/KG	460	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	460	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	920	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	920	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	460	
					2-HEXANONE	ND	0	UG/KG	920	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	460	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	9200	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	920	
					METHYLENE CHLORIDE	ND	0	UG/KG	460	
					NAPHTHALENE	ND	0	UG/KG	920	
					n-PROPYLBENZENE	ND	0	UG/KG	460	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	460	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	460	
					STYRENE	ND	0	UG/KG	460	
					BROMOFORM	ND	0	UG/KG	460	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	460	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	460	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	460	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	460	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	460	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	460	
					CHLOROFORM	ND	0	UG/KG	460	

**Holloman Air Force Base  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP54	15	5/12/00	N	SW8260	1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	460						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	460						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	460						
					VINYL ACETATE	ND	0	UG/KG	920						
					VINYL CHLORIDE	ND	0	UG/KG	920						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	460						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	460						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	460						
					SS61-DP55				M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
									SW8260	ACETONE	ND	0	UG/L	100	
BROMODICHLOROMETHANE	ND	0	UG/L	5											
BROMOBENZENE	ND	0	UG/L	5											
BROMOCHLOROMETHANE	ND	0	UG/L	5											
BROMOMETHANE	ND	0	UG/L	10											
n-BUTYLBENZENE	ND	0	UG/L	5											
SEC-BUTYLBENZENE	ND	0	UG/L	5											
t-BUTYLBENZENE	ND	0	UG/L	5											
BENZENE	ND	0	UG/L	5											
TOLUENE	ND	0	UG/L	5											
CARBON DISULFIDE	ND	0	UG/L	5											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10											
CHLOROBENZENE	ND	0	UG/L	5											
2-CHLOROTOLUENE	ND	0	UG/L	5											
4-CHLOROTOLUENE	ND	0	UG/L	5											
CHLOROETHANE	ND	0	UG/L	10											
CHLOROMETHANE	ND	0	UG/L	10											
CARBON TETRACHLORIDE	ND	0	UG/L	5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5											
DIBROMOMETHANE	ND	0	UG/L	5											
1,1-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROBENZENE	ND	0	UG/L	5											
1,3-DICHLOROBENZENE	ND	0	UG/L	5											
1,4-DICHLOROBENZENE	ND	0	UG/L	5											
1,1-DICHLOROETHENE	ND	0	UG/L	5											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5											
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5											
1,1-DICHLOROPROPENE	ND	0	UG/L	5											
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5											
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5											
1,2-DICHLOROPROPANE	ND	0	UG/L	5											
1,3-DICHLOROPROPANE	ND	0	UG/L	5											
2,2-DICHLOROPROPANE	ND	0	UG/L	5											
ETHYLBENZENE	ND	0	UG/L	5											
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5											
TRICHLOROFLUOROMETHANE	ND	0	UG/L	10											
DICHLORODIFLUOROMETHANE	ND	0	UG/L	10											
HEXACHLOROBUTADIENE	ND	0	UG/L	5											
2-HEXANONE	ND	0	UG/L	10											
ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5											

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP55	15	5/12/00	N	SW8260	METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	
					VINYL ACETATE	ND	0	UG/L	10	
VINYL CHLORIDE	ND	0	UG/L	10						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
13				E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	33	
					ACETONE	ND	0	UG/KG	12000	
					BROMODICHLOROMETHANE	ND	0	UG/KG	600	
					BROMOBENZENE	ND	0	UG/KG	600	
					BROMOCHLOROMETHANE	ND	0	UG/KG	600	
					BROMOMETHANE	ND	0	UG/KG	1200	
					n-BUTYLBENZENE	ND	0	UG/KG	600	
					SEC-BUTYLBENZENE	ND	0	UG/KG	600	
					t-BUTYLBENZENE	ND	0	UG/KG	600	
					BENZENE	ND	0	UG/KG	600	
					TOLUENE	ND	0	UG/KG	600	
					CARBON DISULFIDE	ND	0	UG/KG	600	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1200	
					CHLOROBENZENE	ND	0	UG/KG	600	
					2-CHLOROTOLUENE	ND	0	UG/KG	600	
					4-CHLOROTOLUENE	ND	0	UG/KG	600	
					CHLOROETHANE	ND	0	UG/KG	1200	
					CHLOROMETHANE	ND	0	UG/KG	1200	
					CARBON TETRACHLORIDE	ND	0	UG/KG	600	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	600	
DIBROMOCHLOROMETHANE	ND	0	UG/KG	600						
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	600						
DIBROMOMETHANE	ND	0	UG/KG	600						
1,1-DICHLOROETHANE	ND	0	UG/KG	600						
1,2-DICHLOROETHANE	ND	0	UG/KG	600						
1,2-DICHLOROBENZENE	ND	0	UG/KG	600						
1,3-DICHLOROBENZENE	ND	0	UG/KG	600						
1,4-DICHLOROBENZENE	ND	0	UG/KG	600						

**Holloman Air Force Base  
SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP55	13	5/12/00	N	SW8260	1,1-DICHLOROETHENE	ND	0	UG/KG	600	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	600	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	600	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	600	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	600	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	600	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	600	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	600	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	600	
					ETHYLBENZENE	ND	0	UG/KG	600	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	600	
					TRICHLOROFUOROMETHANE	ND	0	UG/KG	1200	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1200	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	600	
					2-HEXANONE	ND	0	UG/KG	1200	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	600	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	12000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1200	
					METHYLENE CHLORIDE	ND	0	UG/KG	600	
					NAPHTHALENE	ND	0	UG/KG	1200	
					n-PROPYLBENZENE	ND	0	UG/KG	600	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	600	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	600	
					STYRENE	ND	0	UG/KG	600	
					BROMOFORM	ND	0	UG/KG	600	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	600	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	600	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	600	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	600	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	600	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	600	
					CHLOROFORM	ND	0	UG/KG	600	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	600	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	600	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	600	
					VINYL ACETATE	ND	0	UG/KG	1200	
					VINYL CHLORIDE	ND	0	UG/KG	1200	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	600	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	600	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	600	
SS61-DP56	18			M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
				SW8260	ACETONE	ND	0	UG/L	100	
					BROMODICHLOROMETHANE	ND	0	UG/L	5	
					BROMOBENZENE	ND	0	UG/L	5	
					BROMOCHLOROMETHANE	ND	0	UG/L	5	
					BROMOMETHANE	ND	0	UG/L	10	
					n-BUTYLBENZENE	ND	0	UG/L	5	
					SEC-BUTYLBENZENE	ND	0	UG/L	5	
					t-BUTYLBENZENE	ND	0	UG/L	5	
					BENZENE	ND	0	UG/L	5	
					TOLUENE	ND	0	UG/L	5	
					CARBON DISULFIDE	ND	0	UG/L	5	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP56	18	5/12/00	N	SW8260	2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	
					CHLOROBENZENE	ND	0	UG/L	5	
					2-CHLOROTOLUENE	ND	0	UG/L	5	
					4-CHLOROTOLUENE	ND	0	UG/L	5	
					CHLOROETHANE	ND	0	UG/L	10	
					CHLOROMETHANE	ND	0	UG/L	10	
					CARBON TETRACHLORIDE	ND	0	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	
					DIBROMOMETHANE	ND	0	UG/L	5	
					1,1-DICHLOROETHANE	=	15	UG/L	5	
					1,2-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	
					1,1-DICHLOROETHENE	ND	0	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	
					ETHYLBENZENE	ND	0	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	
					TRICHLOROFUOROMETHANE	ND	0	UG/L	10	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	5	
					NAPHTHALENE	ND	0	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	
					STYRENE	ND	0	UG/L	5	
					BROMOFORM	ND	0	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	
					TRICHLOROETHYLENE (TCE)	=	21	UG/L	5	
					CHLOROFORM	ND	0	UG/L	5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	
					VINYL ACETATE	ND	0	UG/L	10	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP56	18	5/12/00	N	SW8260	VINYL CHLORIDE	ND	0	UG/L	10	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	
SS61-DP56	16	5/12/00	N	E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	31	
				SW8260	ACETONE	ND	0	UG/KG	11000	
				BROMODICHLOROMETHANE	ND	0	UG/KG	560		
				BROMOBENZENE	ND	0	UG/KG	560		
				BROMOCHLOROMETHANE	ND	0	UG/KG	560		
				BROMOMETHANE	ND	0	UG/KG	1100		
				n-BUTYLBENZENE	ND	0	UG/KG	560		
				SEC-BUTYLBENZENE	ND	0	UG/KG	560		
				t-BUTYLBENZENE	ND	0	UG/KG	560		
				BENZENE	ND	0	UG/KG	560		
				TOLUENE	ND	0	UG/KG	560		
				CARBON DISULFIDE	ND	0	UG/KG	560		
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1100		
				CHLOROBENZENE	ND	0	UG/KG	560		
				2-CHLOROTOLUENE	ND	0	UG/KG	560		
				4-CHLOROTOLUENE	ND	0	UG/KG	560		
				CHLOROETHANE	ND	0	UG/KG	1100		
				CHLOROMETHANE	ND	0	UG/KG	1100		
				CARBON TETRACHLORIDE	ND	0	UG/KG	560		
				P-CYME (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	560		
				DIBROMOCHLOROMETHANE	ND	0	UG/KG	560		
				1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	560		
				DIBROMOMETHANE	ND	0	UG/KG	560		
				1,1-DICHLOROETHANE	ND	0	UG/KG	560		
				1,2-DICHLOROETHANE	ND	0	UG/KG	560		
				1,2-DICHLOROBENZENE	ND	0	UG/KG	560		
				1,3-DICHLOROBENZENE	ND	0	UG/KG	560		
				1,4-DICHLOROBENZENE	ND	0	UG/KG	560		
				1,1-DICHLOROETHENE	ND	0	UG/KG	560		
				cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	560		
				trans-1,2-DICHLOROETHENE	ND	0	UG/KG	560		
				1,1-DICHLOROPROPENE	ND	0	UG/KG	560		
				cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	560		
				trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	560		
				1,2-DICHLOROPROPANE	ND	0	UG/KG	560		
				1,3-DICHLOROPROPANE	ND	0	UG/KG	560		
2,2-DICHLOROPROPANE	ND	0	UG/KG	560						
ETHYLBENZENE	ND	0	UG/KG	560						
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	560						
TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1100						
DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1100						
HEXACHLOROBUTADIENE	ND	0	UG/KG	560						
2-HEXANONE	ND	0	UG/KG	1100						
ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	560						
METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	11000						
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1100						
METHYLENE CHLORIDE	ND	0	UG/KG	560						
NAPHTHALENE	ND	0	UG/KG	1100						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP56	16	5/12/00	N	SW8260	n-PROPYLBENZENE	ND	0	UG/KG	560	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	560	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	560	
					STYRENE	ND	0	UG/KG	560	
					BROMOFORM	ND	0	UG/KG	560	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	560	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	560	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	560	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	560	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	560	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	560	
					CHLOROFORM	ND	0	UG/KG	560	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	560	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	560	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	560	
					VINYL ACETATE	ND	0	UG/KG	1100	
					VINYL CHLORIDE	ND	0	UG/KG	1100	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	560	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	560	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	560	
SS61-DP57	7			M8015D SW8260	PETROLEUM HYDROCARBONS	ND	0	UG/L	600	
					ACETONE	ND	0	UG/L	100	
					BROMODICHLOROMETHANE	ND	0	UG/L	5	
					BROMOBENZENE	ND	0	UG/L	5	
					BROMOCHLOROMETHANE	ND	0	UG/L	5	
					BROMOMETHANE	ND	0	UG/L	10	
					n-BUTYLBENZENE	ND	0	UG/L	5	
					SEC-BUTYLBENZENE	ND	0	UG/L	5	
					t-BUTYLBENZENE	ND	0	UG/L	5	
					BENZENE	ND	0	UG/L	5	
					TOLUENE	ND	0	UG/L	5	
					CARBON DISULFIDE	ND	0	UG/L	5	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	
					CHLOROBENZENE	ND	0	UG/L	5	
					2-CHLOROTOLUENE	ND	0	UG/L	5	
					4-CHLOROTOLUENE	ND	0	UG/L	5	
					CHLOROETHANE	ND	0	UG/L	10	
					CHLOROMETHANE	ND	0	UG/L	10	
					CARBON TETRACHLORIDE	ND	0	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	
					DIBROMOMETHANE	ND	0	UG/L	5	
					1,1-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROETHANE	ND	0	UG/L	5	
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	
					1,1-DICHLOROETHENE	ND	0	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5						
1,1-DICHLOROPROPENE	ND	0	UG/L	5						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP57	7	5/12/00	N	SW8260	cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5						
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5						
					1,2-DICHLOROPROPANE	ND	0	UG/L	5						
					1,3-DICHLOROPROPANE	ND	0	UG/L	5						
					2,2-DICHLOROPROPANE	ND	0	UG/L	5						
					ETHYLBENZENE	ND	0	UG/L	5						
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5						
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10						
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10						
					HEXACHLOROBUTADIENE	ND	0	UG/L	5						
					2-HEXANONE	ND	0	UG/L	10						
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5						
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10						
					METHYLENE CHLORIDE	ND	0	UG/L	5						
					NAPHTHALENE	ND	0	UG/L	10						
					n-PROPYLBENZENE	ND	0	UG/L	5						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5						
					STYRENE	ND	0	UG/L	5						
					BROMOFORM	ND	0	UG/L	5						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5						
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5						
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5						
					CHLOROFORM	ND	0	UG/L	5						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	10						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5						
					12				E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG	35	
										ACETONE	ND	0	UG/KG	13000	
										BROMODICHLOROMETHANE	ND	0	UG/KG	670	
										BROMOBENZENE	ND	0	UG/KG	670	
										BROMOCHLOROMETHANE	ND	0	UG/KG	670	
										BROMOMETHANE	ND	0	UG/KG	1300	
n-BUTYLBENZENE	ND	0	UG/KG	670											
SEC-BUTYLBENZENE	ND	0	UG/KG	670											
t-BUTYLBENZENE	ND	0	UG/KG	670											
BENZENE	ND	0	UG/KG	670											
TOLUENE	ND	0	UG/KG	670											
CARBON DISULFIDE	ND	0	UG/KG	670											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1300											
CHLOROBENZENE	ND	0	UG/KG	670											
2-CHLOROTOLUENE	ND	0	UG/KG	670											
4-CHLOROTOLUENE	ND	0	UG/KG	670											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-DP57	12	5/12/00	N	SW8260	CHLOROETHANE	ND	0	UG/KG	1300	
					CHLOROMETHANE	ND	0	UG/KG	1300	
					CARBON TETRACHLORIDE	ND	0	UG/KG	670	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	670	
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	670	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	670	
					DIBROMOMETHANE	ND	0	UG/KG	670	
					1,1-DICHLOROETHANE	ND	0	UG/KG	670	
					1,2-DICHLOROETHANE	ND	0	UG/KG	670	
					1,2-DICHLOROBENZENE	ND	0	UG/KG	670	
					1,3-DICHLOROBENZENE	ND	0	UG/KG	670	
					1,4-DICHLOROBENZENE	ND	0	UG/KG	670	
					1,1-DICHLOROETHENE	ND	0	UG/KG	670	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	670	
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	670	
					1,1-DICHLOROPROPENE	ND	0	UG/KG	670	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	670	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	670	
					1,2-DICHLOROPROPANE	ND	0	UG/KG	670	
					1,3-DICHLOROPROPANE	ND	0	UG/KG	670	
					2,2-DICHLOROPROPANE	ND	0	UG/KG	670	
					ETHYLBENZENE	ND	0	UG/KG	670	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	670	
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1300	
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1300	
					HEXACHLOROBUTADIENE	ND	0	UG/KG	670	
					2-HEXANONE	ND	0	UG/KG	1300	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	670	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/KG	13000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1300	
					METHYLENE CHLORIDE	ND	0	UG/KG	670	
					NAPHTHALENE	ND	0	UG/KG	1300	
					n-PROPYLBENZENE	ND	0	UG/KG	670	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	670	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	670	
					STYRENE	ND	0	UG/KG	670	
					BROMOFORM	ND	0	UG/KG	670	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	670	
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	670	
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	670	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	670	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	670	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	670	
					CHLOROFORM	ND	0	UG/KG	670	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	670	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	670	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	670	
VINYL ACETATE	ND	0	UG/KG	1300						
VINYL CHLORIDE	ND	0	UG/KG	1300						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	670						
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	670						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	670						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW01	31.09	6/22/00	N	M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
				SW8260	ACETONE	ND	0	UG/L	10	
					ACRYLONITRILE	ND	0	UG/L	10	
					BROMODICHLOROMETHANE	ND	0	UG/L	1	
					BROMOBENZENE	ND	0	UG/L	1	
					BROMOCHLOROMETHANE	ND	0	UG/L	1	
					BROMOMETHANE	ND	0	UG/L	2	
					n-BUTYLBENZENE	ND	0	UG/L	1	
					SEC-BUTYLBENZENE	ND	0	UG/L	1	
					t-BUTYLBENZENE	ND	0	UG/L	1	
					BENZENE	ND	0	UG/L	0.5	
					TOLUENE	ND	0	UG/L	0.5	
					CARBON DISULFIDE	ND	0	UG/L	1	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	
					CHLOROBENZENE	ND	0	UG/L	1	
					2-CHLOROTOLUENE	ND	0	UG/L	2	
					4-CHLOROTOLUENE	ND	0	UG/L	2	
					CHLOROETHANE	ND	0	UG/L	2	
					CHLOROMETHANE	ND	0	UG/L	2	
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	
					DIBROMOMETHANE	ND	0	UG/L	1	
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
	ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2					
	METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10					
	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10					
	METHYLENE CHLORIDE	ND	0	UG/L	2					
	NAPHTHALENE	ND	0	UG/L	2					

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-MW01	31.09	6/22/00	N	SW8260	n-PROPYLBENZENE	ND	0	UG/L	2						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5						
					STYRENE	ND	0	UG/L	1						
					BROMOFORM	ND	0	UG/L	1						
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1						
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5						
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5						
					CHLOROFORM	ND	0	UG/L	0.5						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2						
					VINYL ACETATE	ND	0	UG/L	10						
					VINYL CHLORIDE	ND	0	UG/L	0.5						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1						
					SS61-MW02	21.59			M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
									SW8260	ACETONE	ND	0	UG/L	10	
									ACRYLONITRILE	ND	0	UG/L	10		
BROMODICHLOROMETHANE	ND	0	UG/L	1											
BROMOBENZENE	ND	0	UG/L	1											
BROMOCHLOROMETHANE	ND	0	UG/L	1											
BROMOMETHANE	ND	0	UG/L	2											
n-BUTYLBENZENE	ND	0	UG/L	1											
SEC-BUTYLBENZENE	ND	0	UG/L	1											
t-BUTYLBENZENE	ND	0	UG/L	1											
BENZENE	=	0.86	UG/L	0.5											
TOLUENE	ND	0	UG/L	0.5											
CARBON DISULFIDE	ND	0	UG/L	1											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5											
CHLOROBENZENE	ND	0	UG/L	1											
2-CHLOROTOLUENE	ND	0	UG/L	2											
4-CHLOROTOLUENE	ND	0	UG/L	2											
CHLOROETHANE	ND	0	UG/L	2											
CHLOROMETHANE	ND	0	UG/L	2											
CARBON TETRACHLORIDE	ND	0	UG/L	0.5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2											
DIBROMOMETHANE	ND	0	UG/L	1											
1,1-DICHLOROETHANE	ND	0	UG/L	0.5											
1,2-DICHLOROETHANE	ND	0	UG/L	0.5											
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10											
1,2-DICHLOROBENZENE	=	5.6	UG/L	1											
1,3-DICHLOROBENZENE	ND	0	UG/L	1											
1,4-DICHLOROBENZENE	ND	0	UG/L	1											
1,1-DICHLOROETHENE	ND	0	UG/L	0.5											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW02	21.59	6/22/00	N	SW8260	cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	=	21	UG/L	0.5	
					CHLOROFORM	=	0.63	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1						
SS61-MW03	19.16			M8015D SW8260	PETROLEUM HYDROCARBONS	=	1400	UG/L	500	J
					ACETONE	ND	0	UG/L	10	UJ
					ACRYLONITRILE	ND	0	UG/L	10	UJ
					BROMODICHLOROMETHANE	ND	0	UG/L	1	UJ
					BROMOBENZENE	ND	0	UG/L	1	UJ
					BROMOCHLOROMETHANE	ND	0	UG/L	1	UJ
					BROMOMETHANE	ND	0	UG/L	2	UJ
					n-BUTYLBENZENE	ND	0	UG/L	1	UJ
					SEC-BUTYLBENZENE	ND	0	UG/L	1	UJ
					t-BUTYLBENZENE	ND	0	UG/L	1	UJ

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW03	19.16	6/22/00	N	SW8260	BENZENE	=	7300	UG/L	25	J
					TOLUENE	=	400	UG/L	25	J
					CARBON DISULFIDE	ND	0	UG/L	1	UJ
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	UJ
					CHLOROBENZENE	ND	0	UG/L	1	UJ
					2-CHLOROTOLUENE	ND	0	UG/L	2	UJ
					4-CHLOROTOLUENE	ND	0	UG/L	2	UJ
					CHLOROETHANE	ND	0	UG/L	2	UJ
					CHLOROMETHANE	ND	0	UG/L	2	UJ
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	UJ
					P-CYMENE (p-ISOPROPYL TOLUENE)	ND	0	UG/L	2	UJ
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	UJ
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	UJ
					DIBROMOMETHANE	ND	0	UG/L	1	UJ
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,2-DICHLOROETHANE	=	160	UG/L	0.5	J
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	UJ
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	UJ
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	UJ
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	UJ
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	UJ
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	UJ
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	UJ
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	UJ
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	UJ
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	UJ
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	UJ
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	UJ
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	UJ
					ETHYLBENZENE	=	22	UG/L	0.5	J
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	18	UG/L	1	J
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	UJ
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	UJ
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	UJ
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	UJ
					2-HEXANONE	ND	0	UG/L	10	UJ
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	UJ
					ISOPROPYLBENZENE (CUMENE)	=	270	UG/L	100	J
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	UJ
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	UJ
					METHYLENE CHLORIDE	ND	0	UG/L	2	UJ
					NAPHTHALENE	ND	0	UG/L	2	UJ
					n-PROPYLBENZENE	ND	0	UG/L	2	UJ
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	UJ
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	UJ
					STYRENE	ND	0	UG/L	1	UJ
					BROMOFORM	ND	0	UG/L	1	UJ
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	UJ
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	UJ
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	UJ

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-MW03	19.16	6/22/00	N	SW8260	1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	UJ					
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	UJ					
					CHLOROFORM	ND	0	UG/L	0.5	UJ					
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	UJ					
					1,2,4-TRIMETHYLBENZENE	=	71	UG/L	2	J					
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	35	UG/L	2	J					
					VINYL ACETATE	ND	0	UG/L	10	UJ					
					VINYL CHLORIDE	ND	0	UG/L	0.5	UJ					
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	760	UG/L	50	J					
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	610	UG/L	50	J					
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	50	UJ					
					SS61-MW04	15.44	6/21/00		M8015D SW8260	PETROLEUM HYDROCARBONS	=	650	UG/L	500	
										ACETONE	ND	0	UG/L	10	UJ
										ACRYLONITRILE	ND	0	UG/L	10	UJ
BROMODICHLOROMETHANE	ND	0	UG/L	1						UJ					
BROMOBENZENE	ND	0	UG/L	1						UJ					
BROMOCHLOROMETHANE	ND	0	UG/L	1						UJ					
BROMOMETHANE	ND	0	UG/L	2						UJ					
n-BUTYLBENZENE	ND	0	UG/L	1						UJ					
SEC-BUTYLBENZENE	=	10	UG/L	1						J					
t-BUTYLBENZENE	=	5.7	UG/L	1						J					
BENZENE	=	1100	UG/L	5						J					
TOLUENE	=	91	UG/L	0.5						J					
CARBON DISULFIDE	ND	0	UG/L	1						UJ					
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5						UJ					
CHLOROBENZENE	ND	0	UG/L	1						UJ					
2-CHLOROTOLUENE	ND	0	UG/L	2						UJ					
4-CHLOROTOLUENE	ND	0	UG/L	2						UJ					
CHLOROETHANE	ND	0	UG/L	2						UJ					
CHLOROMETHANE	ND	0	UG/L	2						UJ					
CARBON TETRACHLORIDE	ND	0	UG/L	0.5						UJ					
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2						UJ					
DIBROMOCHLOROMETHANE	ND	0	UG/L	5						UJ					
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2						UJ					
DIBROMOMETHANE	ND	0	UG/L	1						UJ					
1,1-DICHLOROETHANE	ND	0	UG/L	0.5						UJ					
1,2-DICHLOROETHANE	=	49	UG/L	0.5						J					
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10						UJ					
1,2-DICHLOROBENZENE	ND	0	UG/L	1						UJ					
1,3-DICHLOROBENZENE	ND	0	UG/L	1						UJ					
1,4-DICHLOROBENZENE	ND	0	UG/L	1						UJ					
1,1-DICHLOROETHENE	ND	0	UG/L	0.5						UJ					
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5						UJ					
trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5						UJ					
1,1-DICHLOROPROPENE	ND	0	UG/L	1						UJ					
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5						UJ					
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5						UJ					
1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	UJ										
1,3-DICHLOROPROPANE	ND	0	UG/L	2	UJ										
2,2-DICHLOROPROPANE	ND	0	UG/L	1	UJ										
ETHYLBENZENE	=	5.5	UG/L	0.5	J										
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	UJ										

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW04	15.44	6/21/00	N	SW8260	TRICHLOROFUOROMETHANE	ND	0	UG/L	2	UJ
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	UJ
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	UJ
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	UJ
					2-HEXANONE	=	16	UG/L	10	J
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	UJ
					ISOPROPYLBENZENE (CUMENE)	=	810	UG/L	20	J
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	UJ
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	UJ
					METHYLENE CHLORIDE	ND	0	UG/L	2	UJ
					NAPHTHALENE	ND	0	UG/L	2	UJ
					n-PROPYLBENZENE	=	14	UG/L	2	J
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	UJ
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	UJ
					STYRENE	=	6.4	UG/L	1	J
					BROMOFORM	ND	0	UG/L	1	UJ
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	UJ
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	UJ
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	UJ
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	UJ
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	UJ
					CHLOROFORM	ND	0	UG/L	0.5	UJ
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	UJ
					1,2,4-TRIMETHYLBENZENE	=	85	UG/L	2	J
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	24	UG/L	2	J
					VINYL ACETATE	ND	0	UG/L	10	UJ
					VINYL CHLORIDE	ND	0	UG/L	0.5	UJ
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	240	UG/L	1	J
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	160	UG/L	10	J
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	UJ
					SS61-MW05	15.12			M8015D	PETROLEUM HYDROCARBONS
SW8260	ACETONE	ND	0	UG/L					10	
ACRYLONITRILE	ND	0	UG/L	10						
BROMODICHLOROMETHANE	ND	0	UG/L	1						
BROMOBENZENE	ND	0	UG/L	1						
BROMOCHLOROMETHANE	ND	0	UG/L	1						
BROMOMETHANE	ND	0	UG/L	2						
n-BUTYLBENZENE	ND	0	UG/L	1						
SEC-BUTYLBENZENE	ND	0	UG/L	1						
t-BUTYLBENZENE	ND	0	UG/L	1						
BENZENE	ND	0	UG/L	0.5						
TOLUENE	ND	0	UG/L	0.5						
CARBON DISULFIDE	ND	0	UG/L	1						
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5						
CHLOROBENZENE	ND	0	UG/L	1						
2-CHLOROTOLUENE	ND	0	UG/L	2						
4-CHLOROTOLUENE	ND	0	UG/L	2						
CHLOROETHANE	ND	0	UG/L	2						
CHLOROMETHANE	ND	0	UG/L	2						
CARBON TETRACHLORIDE	ND	0	UG/L	0.5						

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SS61-MW05	15.12	6/21/00	N	SW8260	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	
					DIBROMOMETHANE	ND	0	UG/L	1	
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	

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SS61-MW05	15.12	6/21/00	N	SW8260	P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	
				FD	M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500
				SW8260	ACETONE	ND	0	UG/L	10	
					ACRYLONITRILE	ND	0	UG/L	10	
					BROMODICHLOROMETHANE	ND	0	UG/L	1	
					BROMOBENZENE	ND	0	UG/L	1	
					BROMOCHLOROMETHANE	ND	0	UG/L	1	
					BROMOMETHANE	ND	0	UG/L	2	
					n-BUTYLBENZENE	ND	0	UG/L	1	
					SEC-BUTYLBENZENE	ND	0	UG/L	1	
					t-BUTYLBENZENE	ND	0	UG/L	1	
					BENZENE	ND	0	UG/L	0.5	
					TOLUENE	ND	0	UG/L	0.5	
					CARBON DISULFIDE	ND	0	UG/L	1	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	
					CHLOROBENZENE	ND	0	UG/L	1	
					2-CHLOROTOLUENE	ND	0	UG/L	2	
					4-CHLOROTOLUENE	ND	0	UG/L	2	
					CHLOROETHANE	ND	0	UG/L	2	
					CHLOROMETHANE	ND	0	UG/L	2	
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	
					DIBROMOMETHANE	ND	0	UG/L	1	
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
		TRICHLOROFLUOROMETHANE	ND	0	UG/L	2				
		1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1				
		DICHLORODIFLUOROMETHANE	ND	0	UG/L	2				
		HEXACHLOROBUTADIENE	ND	0	UG/L	5				
		2-HEXANONE	ND	0	UG/L	10				
		IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5				
		ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2				
		METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10				
		METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10				
		METHYLENE CHLORIDE	ND	0	UG/L	2				

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SS61-MW05	15.12	6/21/00	FD	SW8260	NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	
					SS61-MW06	15.54		N	M8015D SW8260	PETROLEUM HYDROCARBONS
ACETONE	ND	0	UG/L	10						UJ
ACRYLONITRILE	ND	0	UG/L	10						UJ
BROMODICHLOROMETHANE	ND	0	UG/L	1						UJ
BROMOBENZENE	ND	0	UG/L	1						UJ
BROMOCHLOROMETHANE	ND	0	UG/L	1						UJ
BROMOMETHANE	ND	0	UG/L	2						UJ
n-BUTYLBENZENE	ND	0	UG/L	1						UJ
SEC-BUTYLBENZENE	=	14	UG/L	1						J
t-BUTYLBENZENE	ND	0	UG/L	1						UJ
BENZENE	=	13000	UG/L	250						J
TOLUENE	=	600	UG/L	25						J
CARBON DISULFIDE	ND	0	UG/L	1						UJ
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5						UJ
CHLOROBENZENE	ND	0	UG/L	1						UJ
2-CHLOROTOLUENE	ND	0	UG/L	2						UJ
4-CHLOROTOLUENE	ND	0	UG/L	2						UJ
CHLOROETHANE	ND	0	UG/L	2						UJ
CHLOROMETHANE	ND	0	UG/L	2						UJ
CARBON TETRACHLORIDE	ND	0	UG/L	0.5						UJ
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2						UJ
DIBROMOCHLOROMETHANE	ND	0	UG/L	5						UJ
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2						UJ
DIBROMOMETHANE	ND	0	UG/L	1	UJ					
1,1-DICHLOROETHANE	ND	0	UG/L	0.5	UJ					
1,2-DICHLOROETHANE	ND	0	UG/L	0.5	UJ					
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	UJ					
1,2-DICHLOROBENZENE	ND	0	UG/L	1	UJ					
1,3-DICHLOROBENZENE	ND	0	UG/L	1	UJ					
1,4-DICHLOROBENZENE	ND	0	UG/L	1	UJ					

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SS61-MW06	15.54	6/21/00	N	SW8260	1,1-DICHLOROETHENE	ND	0	UG/L	0.5	UJ
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	UJ
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	UJ
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	UJ
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	UJ
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	UJ
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	UJ
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	UJ
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	UJ
					ETHYLBENZENE	=	720	UG/L	25	J
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	UJ
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	UJ
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	UJ
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	UJ
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	UJ
					2-HEXANONE	ND	0	UG/L	10	UJ
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	UJ
					ISOPROPYLBENZENE (CUMENE)	=	1600	UG/L	100	J
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	UJ
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	UJ
					METHYLENE CHLORIDE	ND	0	UG/L	2	UJ
					NAPHTHALENE	=	5.9	UG/L	2	J
					n-PROPYLBENZENE	=	58	UG/L	2	J
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	UJ
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	UJ
					STYRENE	ND	0	UG/L	1	UJ
					BROMOFORM	ND	0	UG/L	1	UJ
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	UJ
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	UJ
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	UJ
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	UJ
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	UJ
CHLOROFORM	ND	0	UG/L	0.5	UJ					
1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	UJ					
1,2,4-TRIMETHYLBENZENE	=	740	UG/L	100	J					
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	170	UG/L	2	J					
VINYL ACETATE	ND	0	UG/L	10	UJ					
VINYL CHLORIDE	ND	0	UG/L	0.5	UJ					
M-XYLENE (1,3-DIMETHYLBENZENE)	=	2000	UG/L	50	J					
O-XYLENE (1,2-DIMETHYLBENZENE)	=	1600	UG/L	50	J					
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	50	UJ					
SS61-MW07	17.61			M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
				SW8260	ACETONE	ND	0	UG/L	10	
					ACRYLONITRILE	ND	0	UG/L	10	
					BROMODICHLOROMETHANE	ND	0	UG/L	1	
					BROMOBENZENE	ND	0	UG/L	1	
					BROMOCHLOROMETHANE	ND	0	UG/L	1	
					BROMOMETHANE	ND	0	UG/L	2	
					n-BUTYLBENZENE	ND	0	UG/L	1	
					SEC-BUTYLBENZENE	ND	0	UG/L	1	

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SS61-MW07	17.61	6/21/00	N	SW8260	t-BUTYLBENZENE	ND	0	UG/L	1	
					BENZENE	ND	0	UG/L	0.5	
					TOLUENE	ND	0	UG/L	0.5	
					CARBON DISULFIDE	ND	0	UG/L	1	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	
					CHLOROBENZENE	ND	0	UG/L	1	
					2-CHLOROTOLUENE	ND	0	UG/L	2	
					4-CHLOROTOLUENE	ND	0	UG/L	2	
					CHLOROETHANE	ND	0	UG/L	2	
					CHLOROMETHANE	ND	0	UG/L	2	
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	
					P-CYMENE (p-ISOPROPYL TOLUENE)	ND	0	UG/L	2	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	
					DIBROMOMETHANE	ND	0	UG/L	1	
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	

**Holloman Air Force Base  
SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW07	17.61	6/21/00	N	SW8260	1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	
					SS61-MW08	14.39			M8015D	PETROLEUM HYDROCARBONS
SW8260	ACETONE	ND	0	UG/L					10	
ACRYLONITRILE	ND	0	UG/L	10						
BROMODICHLOROMETHANE	ND	0	UG/L	1						
BROMOBENZENE	ND	0	UG/L	1						
BROMOCHLOROMETHANE	ND	0	UG/L	1						
BROMOMETHANE	ND	0	UG/L	2						
n-BUTYLBENZENE	ND	0	UG/L	1						
SEC-BUTYLBENZENE	ND	0	UG/L	1						
t-BUTYLBENZENE	ND	0	UG/L	1						
BENZENE	=	3.3	UG/L	0.5						
TOLUENE	ND	0	UG/L	0.5						
CARBON DISULFIDE	ND	0	UG/L	1						
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5						
CHLOROBENZENE	ND	0	UG/L	1						
2-CHLOROTOLUENE	ND	0	UG/L	2						
4-CHLOROTOLUENE	ND	0	UG/L	2						
CHLOROETHANE	ND	0	UG/L	2						
CHLOROMETHANE	ND	0	UG/L	2						
CARBON TETRACHLORIDE	ND	0	UG/L	0.5						
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2						
DIBROMOCHLOROMETHANE	ND	0	UG/L	5						
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2						
DIBROMOMETHANE	ND	0	UG/L	1						
1,1-DICHLOROETHANE	ND	0	UG/L	0.5						
1,2-DICHLOROETHANE	ND	0	UG/L	0.5						
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10						
1,2-DICHLOROBENZENE	ND	0	UG/L	1						
1,3-DICHLOROBENZENE	ND	0	UG/L	1						
1,4-DICHLOROBENZENE	ND	0	UG/L	1						
1,1-DICHLOROETHENE	ND	0	UG/L	0.5						
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5						
trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5						
1,1-DICHLOROPROPENE	ND	0	UG/L	1						
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5						
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5						
1,2-DICHLOROPROPANE	ND	0	UG/L	0.5						
1,3-DICHLOROPROPANE	ND	0	UG/L	2						
2,2-DICHLOROPROPANE	ND	0	UG/L	1						
ETHYLBENZENE	ND	0	UG/L	0.5						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW08	14.39	6/21/00	N	SW8260	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	
SS61-MW09	14.68			M8015D SW8260	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
					ACETONE	ND	0	UG/L	10	
				ACRYLONITRILE	ND	0	UG/L	10		
				BROMODICHLOROMETHANE	ND	0	UG/L	1		
				BROMOBENZENE	ND	0	UG/L	1		
				BROMOCHLOROMETHANE	ND	0	UG/L	1		
				BROMOMETHANE	ND	0	UG/L	2		
				n-BUTYLBENZENE	ND	0	UG/L	1		
				SEC-BUTYLBENZENE	ND	0	UG/L	1		
				t-BUTYLBENZENE	ND	0	UG/L	1		
				BENZENE	ND	0	UG/L	0.5		
				TOLUENE	ND	0	UG/L	0.5		
				CARBON DISULFIDE	ND	0	UG/L	1		
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5		
				CHLOROBENZENE	ND	0	UG/L	1		
				2-CHLOROTOLUENE	ND	0	UG/L	2		
				4-CHLOROTOLUENE	ND	0	UG/L	2		
CHLOROETHANE	ND	0	UG/L	2						
CHLOROMETHANE	ND	0	UG/L	2						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW09	14.68	6/21/00	N	SW8260	CARBON TETRACHLORIDE	ND	0	UG/L	0.5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	
					DIBROMOMETHANE	ND	0	UG/L	1	
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	=	0.54	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
VINYL CHLORIDE	ND	0	UG/L	0.5						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW09	14.68	6/21/00	N	SW8260	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	
			FD	M8015D SW8260	PETROLEUM HYDROCARBONS	=	540	UG/L	500	
					ACETONE	ND	0	UG/L	10	
					ACRYLONITRILE	ND	0	UG/L	10	
					BROMODICHLOROMETHANE	ND	0	UG/L	1	
					BROMOBENZENE	ND	0	UG/L	1	
					BROMOCHLOROMETHANE	ND	0	UG/L	1	
					BROMOMETHANE	ND	0	UG/L	2	
					n-BUTYLBENZENE	ND	0	UG/L	1	
					SEC-BUTYLBENZENE	ND	0	UG/L	1	
					t-BUTYLBENZENE	ND	0	UG/L	1	
					BENZENE	ND	0	UG/L	0.5	
					TOLUENE	ND	0	UG/L	0.5	
					CARBON DISULFIDE	ND	0	UG/L	1	
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	
					CHLOROENZENE	ND	0	UG/L	1	
					2-CHLOROTOLUENE	ND	0	UG/L	2	
					4-CHLOROTOLUENE	ND	0	UG/L	2	
					CHLOROETHANE	ND	0	UG/L	2	
					CHLOROMETHANE	ND	0	UG/L	2	
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	
					DIBROMOMETHANE	ND	0	UG/L	1	
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	
					ETHYLBENZENE	ND	0	UG/L	0.5	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1						
TRICHLOROFLUOROMETHANE	ND	0	UG/L	2						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1						
DICHLORODIFLUOROMETHANE	ND	0	UG/L	2						
HEXACHLOROBUTADIENE	ND	0	UG/L	5						
2-HEXANONE	ND	0	UG/L	10						
IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5						
ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2						
METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10						
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW09	14.68	6/21/00	FD	SW8260	METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	=	0.68	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	
					SS61-MW10	10.65		N	M8015D SW8260	PETROLEUM HYDROCARBONS
ACETONE	ND	0	UG/L	10						UJ
ACRYLONITRILE	ND	0	UG/L	10						UJ
BROMODICHLOROMETHANE	ND	0	UG/L	1						UJ
BROMOBENZENE	ND	0	UG/L	1						UJ
BROMOCHLOROMETHANE	ND	0	UG/L	1						UJ
BROMOMETHANE	ND	0	UG/L	2						UJ
n-BUTYLBENZENE	ND	0	UG/L	1						UJ
SEC-BUTYLBENZENE	ND	0	UG/L	1						UJ
t-BUTYLBENZENE	ND	0	UG/L	1						UJ
BENZENE	ND	0	UG/L	0.5						UJ
TOLUENE	ND	0	UG/L	0.5						UJ
CARBON DISULFIDE	ND	0	UG/L	1						UJ
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5						UJ
CHLOROBENZENE	ND	0	UG/L	1						UJ
2-CHLOROTOLUENE	ND	0	UG/L	2						UJ
4-CHLOROTOLUENE	ND	0	UG/L	2						UJ
CHLOROETHANE	ND	0	UG/L	2						UJ
CHLOROMETHANE	ND	0	UG/L	2						UJ
CARBON TETRACHLORIDE	ND	0	UG/L	0.5						UJ
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2						UJ
DIBROMOCHLOROMETHANE	ND	0	UG/L	5						UJ
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2						UJ
DIBROMOMETHANE	ND	0	UG/L	1						UJ
1,1-DICHLOROETHANE	ND	0	UG/L	0.5	UJ					
1,2-DICHLOROETHANE	ND	0	UG/L	0.5	UJ					
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	UJ					
1,2-DICHLOROBENZENE	ND	0	UG/L	1	UJ					
1,3-DICHLOROBENZENE	ND	0	UG/L	1	UJ					

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW10	10.65	6/21/00	N	SW8260	1,4-DICHLOROBENZENE	ND	0	UG/L	1	UJ
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	UJ
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	UJ
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	UJ
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	UJ
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	UJ
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	UJ
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	UJ
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	UJ
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	UJ
					ETHYLBENZENE	ND	0	UG/L	0.5	UJ
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	UJ
					TRICHLOROFUOROMETHANE	ND	0	UG/L	2	UJ
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	UJ
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	UJ
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	UJ
					2-HEXANONE	ND	0	UG/L	10	UJ
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	UJ
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	UJ
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	UJ
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	UJ
					METHYLENE CHLORIDE	ND	0	UG/L	2	UJ
					NAPHTHALENE	ND	0	UG/L	2	UJ
					n-PROPYLBENZENE	ND	0	UG/L	2	UJ
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	UJ
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	UJ
					STYRENE	ND	0	UG/L	1	UJ
					BROMOFORM	ND	0	UG/L	1	UJ
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	UJ
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	UJ
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	UJ
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	UJ
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	UJ
					CHLOROFORM	ND	0	UG/L	0.5	UJ
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	UJ
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	UJ
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	UJ
					VINYL ACETATE	ND	0	UG/L	10	UJ
VINYL CHLORIDE	ND	0	UG/L	0.5	UJ					
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	UJ					
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	UJ					
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	UJ					
SS61-MW11	11.09			M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
				SW8260	ACETONE	ND	0	UG/L	10	UJ
					ACRYLONITRILE	ND	0	UG/L	10	UJ
					BROMODICHLOROMETHANE	ND	0	UG/L	1	UJ
					BROMOBENZENE	ND	0	UG/L	1	UJ
					BROMOCHLOROMETHANE	ND	0	UG/L	1	UJ
					BROMOMETHANE	ND	0	UG/L	2	UJ
					n-BUTYLBENZENE	ND	0	UG/L	1	UJ

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW11	11.09	6/21/00	N	SW8260	SEC-BUTYLBENZENE	ND	0	UG/L	1	UJ
					t-BUTYLBENZENE	ND	0	UG/L	1	UJ
					BENZENE	ND	0	UG/L	0.5	UJ
					TOLUENE	ND	0	UG/L	0.5	UJ
					CARBON DISULFIDE	ND	0	UG/L	1	UJ
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	UJ
					CHLOROBENZENE	ND	0	UG/L	1	UJ
					2-CHLOROTOLUENE	ND	0	UG/L	2	UJ
					4-CHLOROTOLUENE	ND	0	UG/L	2	UJ
					CHLOROETHANE	ND	0	UG/L	2	UJ
					CHLOROMETHANE	ND	0	UG/L	2	UJ
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	UJ
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	UJ
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	UJ
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	UJ
					DIBROMOMETHANE	ND	0	UG/L	1	UJ
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	UJ
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	UJ
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	UJ
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	UJ
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	UJ
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	UJ
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	UJ
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	UJ
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	UJ
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	UJ
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	UJ
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	UJ
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	UJ
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	UJ
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	UJ
					ETHYLBENZENE	ND	0	UG/L	0.5	UJ
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	UJ
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	UJ
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	UJ
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	UJ
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	UJ
					2-HEXANONE	ND	0	UG/L	10	UJ
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	UJ
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	UJ
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	UJ
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	UJ
					METHYLENE CHLORIDE	ND	0	UG/L	2	UJ
					NAPHTHALENE	ND	0	UG/L	2	UJ
					n-PROPYLBENZENE	ND	0	UG/L	2	UJ
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	UJ
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	UJ
					STYRENE	ND	0	UG/L	1	UJ
					BROMOFORM	ND	0	UG/L	1	UJ
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	UJ
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	UJ
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-MW11	11.09	6/21/00	N	SW8260	1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	UJ					
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	UJ					
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	UJ					
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	UJ					
					CHLOROFORM	=	2.6	UG/L	0.5	J					
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	UJ					
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	UJ					
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	UJ					
					VINYL ACETATE	ND	0	UG/L	10	UJ					
					VINYL CHLORIDE	ND	0	UG/L	0.5	UJ					
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	UJ					
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	UJ					
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	UJ					
					SS61-MW12	12.16			M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	
									SW8260	ACETONE	ND	0	UG/L	10	
ACRYLONITRILE	ND	0	UG/L	10											
BROMODICHLOROMETHANE	ND	0	UG/L	1											
BROMOBENZENE	ND	0	UG/L	1											
BROMOCHLOROMETHANE	ND	0	UG/L	1											
BROMOMETHANE	ND	0	UG/L	2											
n-BUTYLBENZENE	ND	0	UG/L	1											
SEC-BUTYLBENZENE	ND	0	UG/L	1											
t-BUTYLBENZENE	ND	0	UG/L	1											
BENZENE	ND	0	UG/L	0.5											
TOLUENE	ND	0	UG/L	0.5											
CARBON DISULFIDE	ND	0	UG/L	1											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5											
CHLOROBENZENE	ND	0	UG/L	1											
2-CHLOROTOLUENE	ND	0	UG/L	2											
4-CHLOROTOLUENE	ND	0	UG/L	2											
CHLOROETHANE	ND	0	UG/L	2											
CHLOROMETHANE	ND	0	UG/L	2											
CARBON TETRACHLORIDE	ND	0	UG/L	0.5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2											
DIBROMOMETHANE	ND	0	UG/L	1											
1,1-DICHLOROETHANE	ND	0	UG/L	0.5											
1,2-DICHLOROETHANE	ND	0	UG/L	0.5											
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10											
1,2-DICHLOROBENZENE	ND	0	UG/L	1											
1,3-DICHLOROBENZENE	ND	0	UG/L	1											
1,4-DICHLOROBENZENE	ND	0	UG/L	1											
1,1-DICHLOROETHENE	ND	0	UG/L	0.5											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5											
trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5											
1,1-DICHLOROPROPENE	ND	0	UG/L	1											
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5											
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5											
1,2-DICHLOROPROPANE	ND	0	UG/L	0.5											
1,3-DICHLOROPROPANE	ND	0	UG/L	2											
2,2-DICHLOROPROPANE	ND	0	UG/L	1											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW12	12.16	6/21/00	N	SW8260	ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
SS61-MW12	12.16	6/21/00	N	SW8260	ETHYLBENZENE	ND	0	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	
					METHYLENE CHLORIDE	ND	0	UG/L	2	
					NAPHTHALENE	ND	0	UG/L	2	
					n-PROPYLBENZENE	ND	0	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	
					STYRENE	ND	0	UG/L	1	
					BROMOFORM	ND	0	UG/L	1	
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	
					CHLOROFORM	ND	0	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	
					VINYL ACETATE	ND	0	UG/L	10	
					VINYL CHLORIDE	ND	0	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
SS61-DP50	1	7/5/00	N	SW8260	NAPHTHALENE	ND	0	UG/KG	700						
					n-PROPYLBENZENE	ND	0	UG/KG	350						
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	350						
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	350						
					STYRENE	ND	0	UG/KG	350						
					BROMOFORM	ND	0	UG/KG	350						
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	350						
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	350						
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	350						
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	350						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	350						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	350						
					CHLOROFORM	ND	0	UG/KG	350						
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	350						
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	350						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	350						
					VINYL CHLORIDE	ND	0	UG/KG	350						
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	350						
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	350						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	350						
					SS61-DP51	14	5/11/00		M8015D	PETROLEUM HYDROCARBONS	=	760	UG/L	500	J
									SW8260	ACETONE	ND	0	UG/L	100	
									BROMODICHLOROMETHANE	ND	0	UG/L	5		
BROMOBENZENE	ND	0	UG/L	5											
BROMOCHLOROMETHANE	ND	0	UG/L	5											
BROMOMETHANE	ND	0	UG/L	10											
n-BUTYLBENZENE	ND	0	UG/L	5											
SEC-BUTYLBENZENE	ND	0	UG/L	5											
t-BUTYLBENZENE	ND	0	UG/L	5											
BENZENE	ND	0	UG/L	5											
TOLUENE	ND	0	UG/L	5											
CARBON DISULFIDE	ND	0	UG/L	5											
2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10											
CHLOROBENZENE	ND	0	UG/L	5											
2-CHLOROTOLUENE	ND	0	UG/L	5											
4-CHLOROTOLUENE	ND	0	UG/L	5											
CHLOROETHANE	ND	0	UG/L	10											
CHLOROMETHANE	ND	0	UG/L	10											
CARBON TETRACHLORIDE	ND	0	UG/L	5											
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5											
DIBROMOCHLOROMETHANE	ND	0	UG/L	5											
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5											
DIBROMOMETHANE	ND	0	UG/L	5											
1,1-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROETHANE	ND	0	UG/L	5											
1,2-DICHLOROBENZENE	ND	0	UG/L	5											
1,3-DICHLOROBENZENE	ND	0	UG/L	5											
1,4-DICHLOROBENZENE	ND	0	UG/L	5											
1,1-DICHLOROETHENE	ND	0	UG/L	5											
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5											
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5											
1,1-DICHLOROPROPENE	ND	0	UG/L	5											

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/2/00	LB	M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	U
		5/3/00			PETROLEUM HYDROCARBONS	ND	0	UG/L	500	U
		5/4/00	SW8260	ACETONE	ND	0	UG/L	100	U	
					BROMODICHLOROMETHANE	ND	0	UG/L	5	U
					BROMOBENZENE	ND	0	UG/L	5	U
					BROMOCHLOROMETHANE	ND	0	UG/L	5	U
					BROMOMETHANE	ND	0	UG/L	10	U
					n-BUTYLBENZENE	ND	0	UG/L	5	U
					SEC-BUTYLBENZENE	ND	0	UG/L	5	U
					t-BUTYLBENZENE	ND	0	UG/L	5	U
					BENZENE	ND	0	UG/L	5	U
					TOLUENE	ND	0	UG/L	5	U
					CARBON DISULFIDE	ND	0	UG/L	5	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
					CHLOROBENZENE	ND	0	UG/L	5	U
					2-CHLOROTOLUENE	ND	0	UG/L	5	U
					4-CHLOROTOLUENE	ND	0	UG/L	5	U
					CHLOROETHANE	ND	0	UG/L	10	U
					CHLOROMETHANE	ND	0	UG/L	10	U
					CARBON TETRACHLORIDE	ND	0	UG/L	5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U
					DIBROMOMETHANE	ND	0	UG/L	5	U
					1,1-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	ND	0	UG/L	10	U
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U

**Holloman Air Force Base  
SS61 Phase II RI  
Method Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/4/00	LB	SW8260	STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	U
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	U
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U
					CHLOROFORM	ND	0	UG/L	5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L	10	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					5/5/00	M8015D	PETROLEUM HYDROCARBONS	ND	0	MG/L
		PETROLEUM HYDROCARBONS	ND	0	UG/L		500	U		
		5/6/00	E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	25	U	
		5/8/00	SW8260	ACETONE	ND	0	UG/L	100	U	
		BROMODICHLOROMETHANE		ND	0	UG/L	5	U		
		BROMOBENZENE		ND	0	UG/L	5	U		
		BROMOCHLOROMETHANE		ND	0	UG/L	5	U		
		BROMOMETHANE		ND	0	UG/L	10	U		
		n-BUTYLBENZENE		ND	0	UG/L	5	U		
		SEC-BUTYLBENZENE		ND	0	UG/L	5	U		
		t-BUTYLBENZENE		ND	0	UG/L	5	U		
		BENZENE		ND	0	UG/L	5	U		
		TOLUENE		ND	0	UG/L	5	U		
		CARBON DISULFIDE		ND	0	UG/L	5	U		
		2-CHLOROETHYL VINYL ETHER		ND	0	UG/L	10	U		
		CHLOROBENZENE		ND	0	UG/L	5	U		
		2-CHLOROTOLUENE		ND	0	UG/L	5	U		
		4-CHLOROTOLUENE		ND	0	UG/L	5	U		
		CHLOROETHANE		ND	0	UG/L	10	U		
		CHLOROMETHANE		ND	0	UG/L	10	U		
		CARBON TETRACHLORIDE		ND	0	UG/L	5	U		
P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0		UG/L	5	U				
DIBROMOCHLOROMETHANE	ND	0		UG/L	5	U				
1,2-DIBROMO-3-CHLOROPROPANE	ND	0		UG/L	5	U				
DIBROMOMETHANE	ND	0		UG/L	5	U				
1,1-DICHLOROETHANE	ND	0	UG/L	5	U					
1,2-DICHLOROETHANE	ND	0	UG/L	5	U					
1,2-DICHLOROBENZENE	ND	0	UG/L	5	U					
1,3-DICHLOROBENZENE	ND	0	UG/L	5	U					
1,4-DICHLOROBENZENE	ND	0	UG/L	5	U					
1,1-DICHLOROETHENE	ND	0	UG/L	5	U					
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U					
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U					
1,1-DICHLOROPROPENE	ND	0	UG/L	5	U					
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U					

**Holloman Air Force Base  
SS61 Phase II RI  
Method Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/8/00	LB	SW8260	trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	ND	0	UG/L	10	U
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U
					STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	U
					1,2,4-TRICHLOROBENZENE	TR	0.38	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U
					CHLOROFORM	ND	0	UG/L	5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L	10	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U
5/9/00					ACETONE	ND	0	UG/L	100	U
					BROMODICHLOROMETHANE	ND	0	UG/L	5	U
					BROMOBENZENE	ND	0	UG/L	5	U
					BROMOCHLOROMETHANE	ND	0	UG/L	5	U
					BROMOMETHANE	ND	0	UG/L	10	U
					n-BUTYLBENZENE	ND	0	UG/L	5	U
					SEC-BUTYLBENZENE	ND	0	UG/L	5	U
					t-BUTYLBENZENE	ND	0	UG/L	5	U
					BENZENE	ND	0	UG/L	5	U
					TOLUENE	ND	0	UG/L	5	U
					CARBON DISULFIDE	ND	0	UG/L	5	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
					CHLOROBENZENE	ND	0	UG/L	5	U
					2-CHLOROTOLUENE	ND	0	UG/L	5	U
					4-CHLOROTOLUENE	ND	0	UG/L	5	U
					CHLOROETHANE	ND	0	UG/L	10	U
					CHLOROMETHANE	ND	0	UG/L	10	U

**Holloman Air Force Base  
SS61 Phase II RI  
Method Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/9/00	LB	SW8260	CARBON TETRACHLORIDE	ND	0	UG/L	5	U
					P-CYMENE (p-ISOPROPYL TOLUENE)	ND	0	UG/L	5	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U
					DIBROMOMETHANE	ND	0	UG/L	5	U
					1,1-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	TR	0.55	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U
					STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,3-TRICHLOROBENZENE	TR	0.42	UG/L	5	
					1,2,4-TRICHLOROBENZENE	TR	0.3	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U
CHLOROFORM	ND	0	UG/L	5	U					
1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U					
1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U					
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U					
VINYL ACETATE	ND	0	UG/L	10	U					
VINYL CHLORIDE	ND	0	UG/L	10	U					
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
			<b>E418.1</b>	PETROLEUM HYDROCARBONS	ND	0	MG/KG	25	U	
		5/11/00		<b>SW8260</b>	ACETONE	ND	0	UG/KG	10000	U

**Holloman Air Force Base  
SS61 Phase II RI  
Method Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/11/00	LB	SW8260	BROMODICHLOROMETHANE	ND	0	UG/KG	500	U
					BROMOBENZENE	ND	0	UG/KG	500	U
					BROMOCHLOROMETHANE	ND	0	UG/KG	500	U
					BROMOMETHANE	ND	0	UG/KG	1000	U
					n-BUTYLBENZENE	ND	0	UG/KG	500	U
					SEC-BUTYLBENZENE	ND	0	UG/KG	500	U
					t-BUTYLBENZENE	ND	0	UG/KG	500	U
					BENZENE	ND	0	UG/KG	500	U
					TOLUENE	ND	0	UG/KG	500	U
					CARBON DISULFIDE	ND	0	UG/KG	500	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1000	U
					CHLOROBENZENE	ND	0	UG/KG	500	U
					2-CHLOROTOLUENE	ND	0	UG/KG	500	U
					4-CHLOROTOLUENE	ND	0	UG/KG	500	U
					CHLOROETHANE	ND	0	UG/KG	1000	U
					CHLOROMETHANE	ND	0	UG/KG	1000	U
					CARBON TETRACHLORIDE	ND	0	UG/KG	500	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	500	U
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	500	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	500	U
					DIBROMOMETHANE	ND	0	UG/KG	500	U
					1,1-DICHLOROETHANE	ND	0	UG/KG	500	U
					1,2-DICHLOROETHANE	ND	0	UG/KG	500	U
					1,2-DICHLOROBENZENE	ND	0	UG/KG	500	U
					1,3-DICHLOROBENZENE	ND	0	UG/KG	500	U
					1,4-DICHLOROBENZENE	ND	0	UG/KG	500	U
					1,1-DICHLOROETHENE	ND	0	UG/KG	500	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	500	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	500	U
					1,1-DICHLOROPROPENE	ND	0	UG/KG	500	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	500	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	500	U
					1,2-DICHLOROPROPANE	ND	0	UG/KG	500	U
					1,3-DICHLOROPROPANE	ND	0	UG/KG	500	U
					2,2-DICHLOROPROPANE	ND	0	UG/KG	500	U
					ETHYLBENZENE	ND	0	UG/KG	500	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	500	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1000	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1000	U
					HEXACHLOROBUTADIENE	TR	110	UG/KG	500	
					2-HEXANONE	ND	0	UG/KG	1000	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	500	U
					METHYL ETHYL KETONE (2-BUTANONE)	TR	1000	UG/KG	10000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1000	U
					METHYLENE CHLORIDE	ND	0	UG/KG	500	U
					NAPHTHALENE	TR	83	UG/KG	1000	
					n-PROPYLBENZENE	ND	0	UG/KG	500	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	500	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	500	U
					STYRENE	ND	0	UG/KG	500	U
					BROMOFORM	ND	0	UG/KG	500	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	500	U

**Holloman Air Force Base  
SS61 Phase II RI  
Method Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/11/00	LB	SW8260	1,1,1-TRICHLOROETHANE	ND	0	UG/KG	500	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	500	U
					1,2,3-TRICHLOROBENZENE	TR	80	UG/KG	500	
					1,2,4-TRICHLOROBENZENE	TR	53	UG/KG	500	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	500	U
					CHLOROFORM	ND	0	UG/KG	500	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	500	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	500	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	500	U
					VINYL ACETATE	ND	0	UG/KG	1000	U
					VINYL CHLORIDE	ND	0	UG/KG	1000	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	500	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	500	U
		P-XYLENE (1,4-DIMETHYLBENZENE)			ND	0	UG/KG	500	U	
		5/14/00			ACETONE	TR	562	UG/KG	13000	
		BROMODICHLOROMETHANE			ND	0	UG/KG	630	U	
		BROMOBENZENE			ND	0	UG/KG	630	U	
		BROMOCHLOROMETHANE			ND	0	UG/KG	630	U	
		BROMOMETHANE			ND	0	UG/KG	1300	U	
		n-BUTYLBENZENE			ND	0	UG/KG	630	U	
		SEC-BUTYLBENZENE			ND	0	UG/KG	630	U	
		t-BUTYLBENZENE			ND	0	UG/KG	630	U	
		BENZENE			ND	0	UG/KG	630	U	
		TOLUENE			ND	0	UG/KG	630	U	
		CARBON DISULFIDE			ND	0	UG/KG	630	U	
		2-CHLOROETHYL VINYL ETHER			ND	0	UG/KG	1300	U	
		CHLOROBENZENE			ND	0	UG/KG	630	U	
		2-CHLOROTOLUENE			ND	0	UG/KG	630	U	
		4-CHLOROTOLUENE			ND	0	UG/KG	630	U	
		CHLOROETHANE			ND	0	UG/KG	1300	U	
		CHLOROMETHANE			ND	0	UG/KG	1300	U	
		CARBON TETRACHLORIDE			ND	0	UG/KG	630	U	
		P-CYMENE (p-ISOPROPYLTOLUENE)			ND	0	UG/KG	630	U	
		DIBROMOCHLOROMETHANE			ND	0	UG/KG	630	U	
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	630	U					
DIBROMOMETHANE	ND	0	UG/KG	630	U					
1,1-DICHLOROETHANE	ND	0	UG/KG	630	U					
1,2-DICHLOROETHANE	ND	0	UG/KG	630	U					
1,2-DICHLOROBENZENE	ND	0	UG/KG	630	U					
1,3-DICHLOROBENZENE	ND	0	UG/KG	630	U					
1,4-DICHLOROBENZENE	ND	0	UG/KG	630	U					
1,1-DICHLOROETHENE	ND	0	UG/KG	630	U					
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	630	U					
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	630	U					
1,1-DICHLOROPROPENE	ND	0	UG/KG	630	U					
cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	630	U					
trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	630	U					
1,2-DICHLOROPROPANE	ND	0	UG/KG	630	U					
1,3-DICHLOROPROPANE	ND	0	UG/KG	630	U					
2,2-DICHLOROPROPANE	ND	0	UG/KG	630	U					
ETHYLBENZENE	ND	0	UG/KG	630	U					
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	630	U					

**Holloman Air Force Base  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/14/00	LB	SW8260	TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1300	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1300	U
					HEXACHLOROBUTADIENE	TR	116	UG/KG	630	
					2-HEXANONE	ND	0	UG/KG	1300	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	630	U
					METHYL ETHYL KETONE (2-BUTANONE)	TR	2480	UG/KG	13000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1300	U
					METHYLENE CHLORIDE	ND	0	UG/KG	630	U
					NAPHTHALENE	TR	75.4	UG/KG	1300	
					n-PROPYLBENZENE	ND	0	UG/KG	630	U
					1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	630	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	630	U
					STYRENE	ND	0	UG/KG	630	U
					BROMOFORM	ND	0	UG/KG	630	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	630	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	630	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	630	U
					1,2,3-TRICHLOROBENZENE	TR	102	UG/KG	630	
					1,2,4-TRICHLOROBENZENE	TR	61.5	UG/KG	630	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	630	U
					CHLOROFORM	ND	0	UG/KG	630	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	630	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	630	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	630	U
					VINYL ACETATE	ND	0	UG/KG	1300	U
					VINYL CHLORIDE	ND	0	UG/KG	1300	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	630	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	630	U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	630	U
					ACETONE	TR	480	UG/KG	10000	
					BROMODICHLOROMETHANE	ND	0	UG/KG	500	U
					BROMOBENZENE	ND	0	UG/KG	500	U
					BROMOCHLOROMETHANE	ND	0	UG/KG	500	U
					BROMOMETHANE	ND	0	UG/KG	1000	U
					n-BUTYLBENZENE	ND	0	UG/KG	500	U
					SEC-BUTYLBENZENE	ND	0	UG/KG	500	U
					t-BUTYLBENZENE	ND	0	UG/KG	500	U
					BENZENE	ND	0	UG/KG	500	U
					TOLUENE	ND	0	UG/KG	500	U
					CARBON DISULFIDE	ND	0	UG/KG	500	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1000	U
					CHLOROBENZENE	ND	0	UG/KG	500	U
					2-CHLOROTOLUENE	ND	0	UG/KG	500	U
					4-CHLOROTOLUENE	ND	0	UG/KG	500	U
					CHLOROETHANE	ND	0	UG/KG	1000	U
					CHLOROMETHANE	ND	0	UG/KG	1000	U
					CARBON TETRACHLORIDE	ND	0	UG/KG	500	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	500	U
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	500	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	500	U
					DIBROMOMETHANE	ND	0	UG/KG	500	U
					1,1-DICHLOROETHANE	ND	0	UG/KG	500	U

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/14/00	LB	SW8260	1,2-DICHLOROETHANE	ND	0	UG/KG	500	U
					1,2-DICHLOROBENZENE	ND	0	UG/KG	500	U
					1,3-DICHLOROBENZENE	ND	0	UG/KG	500	U
					1,4-DICHLOROBENZENE	ND	0	UG/KG	500	U
					1,1-DICHLOROETHENE	ND	0	UG/KG	500	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	500	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	500	U
					1,1-DICHLOROPROPENE	ND	0	UG/KG	500	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	500	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	500	U
					1,2-DICHLOROPROPANE	ND	0	UG/KG	500	U
					1,3-DICHLOROPROPANE	ND	0	UG/KG	500	U
					2,2-DICHLOROPROPANE	ND	0	UG/KG	500	U
					ETHYLBENZENE	ND	0	UG/KG	500	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	500	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1000	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1000	U
					HEXACHLOROBUTADIENE	TR	87	UG/KG	500	
					2-HEXANONE	ND	0	UG/KG	1000	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	500	U
		METHYL ETHYL KETONE (2-BUTANONE)			TR	2000	UG/KG	10000		
		METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)			ND	0	UG/KG	1000	U	
		METHYLENE CHLORIDE			ND	0	UG/KG	500	U	
		NAPHTHALENE			TR	61	UG/KG	1000		
		n-PROPYLBENZENE			ND	0	UG/KG	500	U	
		1,1,2,2-TETRACHLOROETHANE			ND	0	UG/KG	500	U	
		TETRACHLOROETHYLENE(PCE)			ND	0	UG/KG	500	U	
		STYRENE			ND	0	UG/KG	500	U	
		BROMOFORM			ND	0	UG/KG	500	U	
		1,1,1,2-TETRACHLOROETHANE			ND	0	UG/KG	500	U	
		1,1,1-TRICHLOROETHANE			ND	0	UG/KG	500	U	
		1,1,2-TRICHLOROETHANE			ND	0	UG/KG	500	U	
		1,2,3-TRICHLOROBENZENE			TR	91	UG/KG	500		
		1,2,4-TRICHLOROBENZENE			TR	53	UG/KG	500		
		TRICHLOROETHYLENE (TCE)			ND	0	UG/KG	500	U	
		CHLOROFORM			ND	0	UG/KG	500	U	
		1,2,3-TRICHLOROPROPANE			ND	0	UG/KG	500	U	
		1,2,4-TRIMETHYLBENZENE			ND	0	UG/KG	500	U	
		1,3,5-TRIMETHYLBENZENE (MESITYLENE)			ND	0	UG/KG	500	U	
		VINYL ACETATE			ND	0	UG/KG	1000	U	
		VINYL CHLORIDE			ND	0	UG/KG	1000	U	
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	500	U					
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	500	U					
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	500	U					
5/15/00	ACETONE	TR	671	UG/KG	13000					
	BROMODICHLOROMETHANE	ND	0	UG/KG	630	U				
	BROMOBENZENE	ND	0	UG/KG	630	U				
	BROMOCHLOROMETHANE	ND	0	UG/KG	630	U				
	BROMOMETHANE	ND	0	UG/KG	1300	U				
	n-BUTYLBENZENE	ND	0	UG/KG	630	U				
	SEC-BUTYLBENZENE	ND	0	UG/KG	630	U				
	t-BUTYLBENZENE	ND	0	UG/KG	630	U				

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/15/00	LB	SW8260	BENZENE	ND	0	UG/KG	630	U
					TOLUENE	ND	0	UG/KG	630	U
					CARBON DISULFIDE	ND	0	UG/KG	630	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1300	U
					CHLOROBENZENE	ND	0	UG/KG	630	U
					2-CHLOROTOLUENE	ND	0	UG/KG	630	U
					4-CHLOROTOLUENE	ND	0	UG/KG	630	U
					CHLOROETHANE	ND	0	UG/KG	1300	U
					CHLOROMETHANE	ND	0	UG/KG	1300	U
					CARBON TETRACHLORIDE	ND	0	UG/KG	630	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	630	U
					DIBROMOCHLOROMETHANE	ND	0	UG/KG	630	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	630	U
					DIBROMOMETHANE	ND	0	UG/KG	630	U
					1,1-DICHLOROETHANE	ND	0	UG/KG	630	U
					1,2-DICHLOROETHANE	ND	0	UG/KG	630	U
					1,2-DICHLOROBENZENE	ND	0	UG/KG	630	U
					1,3-DICHLOROBENZENE	ND	0	UG/KG	630	U
					1,4-DICHLOROBENZENE	ND	0	UG/KG	630	U
					1,1-DICHLOROETHENE	ND	0	UG/KG	630	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	630	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/KG	630	U
					1,1-DICHLOROPROPENE	ND	0	UG/KG	630	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	630	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	630	U
					1,2-DICHLOROPROPANE	ND	0	UG/KG	630	U
					1,3-DICHLOROPROPANE	ND	0	UG/KG	630	U
					2,2-DICHLOROPROPANE	ND	0	UG/KG	630	U
					ETHYLBENZENE	ND	0	UG/KG	630	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	630	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1300	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1300	U
					HEXACHLOROBUTADIENE	ND	0	UG/KG	630	U
					2-HEXANONE	ND	0	UG/KG	1300	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	630	U
					METHYL ETHYL KETONE (2-BUTANONE)	TR	1640	UG/KG	13000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1300	U
					METHYLENE CHLORIDE	ND	0	UG/KG	630	U
					NAPHTHALENE	ND	0	UG/KG	1300	U
					n-PROPYLBENZENE	ND	0	UG/KG	630	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	630	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	630	U
					STYRENE	ND	0	UG/KG	630	U
					BROMOFORM	ND	0	UG/KG	630	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	630	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	630	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	630	U
					1,2,3-TRICHLOROBENZENE	ND	0	UG/KG	630	U
					1,2,4-TRICHLOROBENZENE	ND	0	UG/KG	630	U
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	630	U
					CHLOROFORM	ND	0	UG/KG	630	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	630	U

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual		
LABQC	0	5/15/00	LB	SW8260	1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	630	U		
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	630	U		
					VINYL ACETATE	ND	0	UG/KG	1300	U		
					VINYL CHLORIDE	ND	0	UG/KG	1300	U		
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	630	U		
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	630	U		
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	630	U		
					5/16/00	M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	U
					5/17/00	E418.1	PETROLEUM HYDROCARBONS	ND	0	MG/KG	25	U
					5/18/00	M8015D	PETROLEUM HYDROCARBONS	ND	0	UG/L	500	U
					5/19/00	SW8260	BENZENE	ND	0	MG/KG	0.2	U
					TOLUENE		ND	0	MG/KG	0.5	U	
		ETHYLBENZENE	ND	0	MG/KG		0.3	U				
		O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	MG/KG		0.5	U				
		5/22/00	ACETONE	TR	402		UG/KG	10000				
		BROMODICHLOROMETHANE	ND	0	UG/KG		500	U				
		BROMOBENZENE	ND	0	UG/KG		500	U				
		BROMOCHLOROMETHANE	ND	0	UG/KG		500	U				
		BROMOMETHANE	ND	0	UG/KG		1000	U				
		n-BUTYLBENZENE	ND	0	UG/KG		500	U				
		SEC-BUTYLBENZENE	ND	0	UG/KG		500	U				
		t-BUTYLBENZENE	ND	0	UG/KG		500	U				
		BENZENE	ND	0	UG/KG	500	U					
		TOLUENE	ND	0	UG/KG	500	U					
		CARBON DISULFIDE	ND	0	UG/KG	500	U					
		2-CHLOROETHYL VINYL ETHER	ND	0	UG/KG	1000	U					
		CHLOROBENZENE	ND	0	UG/KG	500	U					
		2-CHLOROTOLUENE	ND	0	UG/KG	500	U					
		4-CHLOROTOLUENE	ND	0	UG/KG	500	U					
		CHLOROETHANE	ND	0	UG/KG	1000	U					
		CHLOROMETHANE	ND	0	UG/KG	1000	U					
		CARBON TETRACHLORIDE	ND	0	UG/KG	500	U					
		P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG	500	U					
		DIBROMOCHLOROMETHANE	ND	0	UG/KG	500	U					
		1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG	500	U					
		DIBROMOMETHANE	ND	0	UG/KG	500	U					
		1,1-DICHLOROETHANE	ND	0	UG/KG	500	U					
		1,2-DICHLOROETHANE	ND	0	UG/KG	500	U					
		1,2-DICHLOROBENZENE	ND	0	UG/KG	500	U					
		1,3-DICHLOROBENZENE	ND	0	UG/KG	500	U					
		1,4-DICHLOROBENZENE	ND	0	UG/KG	500	U					
		1,1-DICHLOROETHENE	ND	0	UG/KG	500	U					
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG	500	U							
trans-1,2-DICHLOROETHENE	ND	0	UG/KG	500	U							
1,1-DICHLOROPROPENE	ND	0	UG/KG	500	U							
cis-1,3-DICHLOROPROPENE	ND	0	UG/KG	500	U							
trans-1,3-DICHLOROPROPENE	ND	0	UG/KG	500	U							
1,2-DICHLOROPROPANE	ND	0	UG/KG	500	U							
1,3-DICHLOROPROPANE	ND	0	UG/KG	500	U							
2,2-DICHLOROPROPANE	ND	0	UG/KG	500	U							
ETHYLBENZENE	ND	0	UG/KG	500	U							
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG	500	U							

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/22/00	LB	SW8260	TRICHLOROFLUOROMETHANE	ND	0	UG/KG	1000	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG	1000	U
					HEXACHLOROBUTADIENE	TR	79.3	UG/KG	500	
					2-HEXANONE	ND	0	UG/KG	1000	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG	500	U
					METHYL ETHYL KETONE (2-BUTANONE)	TR	1870	UG/KG	10000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG	1000	U
					METHYLENE CHLORIDE	ND	0	UG/KG	500	U
					NAPHTHALENE	TR	67.8	UG/KG	1000	
					n-PROPYLBENZENE	ND	0	UG/KG	500	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG	500	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG	500	U
					STYRENE	ND	0	UG/KG	500	U
					BROMOFORM	ND	0	UG/KG	500	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG	500	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG	500	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG	500	U
					1,2,3-TRICHLOROBENZENE	TR	92.7	UG/KG	500	
					1,2,4-TRICHLOROBENZENE	TR	49.1	UG/KG	500	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG	500	U
					CHLOROFORM	ND	0	UG/KG	500	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG	500	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG	500	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG	500	U
					VINYL ACETATE	ND	0	UG/KG	1000	U
					VINYL CHLORIDE	ND	0	UG/KG	1000	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	500	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG	500	U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	500	U
					ACETONE	ND	0	UG/L	100	U
					BROMODICHLOROMETHANE	ND	0	UG/L	5	U
					BROMOBENZENE	ND	0	UG/L	5	U
					BROMOCHLOROMETHANE	ND	0	UG/L	5	U
					BROMOMETHANE	ND	0	UG/L	10	U
					n-BUTYLBENZENE	ND	0	UG/L	5	U
					SEC-BUTYLBENZENE	ND	0	UG/L	5	U
					t-BUTYLBENZENE	ND	0	UG/L	5	U
					BENZENE	ND	0	UG/L	5	U
					TOLUENE	ND	0	UG/L	5	U
					CARBON DISULFIDE	ND	0	UG/L	5	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
					CHLOROBENZENE	ND	0	UG/L	5	U
					2-CHLOROTOLUENE	ND	0	UG/L	5	U
					4-CHLOROTOLUENE	ND	0	UG/L	5	U
					CHLOROETHANE	ND	0	UG/L	10	U
					CHLOROMETHANE	ND	0	UG/L	10	U
					CARBON TETRACHLORIDE	ND	0	UG/L	5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U
					DIBROMOMETHANE	ND	0	UG/L	5	U
					1,1-DICHLOROETHANE	ND	0	UG/L	5	U

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/22/00	LB	SW8260	1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	TR	0.47	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
		METHYL ETHYL KETONE (2-BUTANONE)			ND	0	UG/L	100	U	
		METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)			ND	0	UG/L	10	U	
		METHYLENE CHLORIDE			ND	0	UG/L	5	U	
		NAPHTHALENE			ND	0	UG/L	10	U	
		n-PROPYLBENZENE			ND	0	UG/L	5	U	
		1,1,2,2-TETRACHLOROETHANE			ND	0	UG/L	5	U	
		TETRACHLOROETHYLENE(PCE)			ND	0	UG/L	5	U	
		STYRENE			ND	0	UG/L	5	U	
		BROMOFORM			ND	0	UG/L	5	U	
		1,1,1,2-TETRACHLOROETHANE			ND	0	UG/L	5	U	
		1,1,1-TRICHLOROETHANE			ND	0	UG/L	5	U	
		1,1,2-TRICHLOROETHANE			ND	0	UG/L	5	U	
		1,2,3-TRICHLOROBENZENE			TR	0.4	UG/L	5		
		1,2,4-TRICHLOROBENZENE			ND	0	UG/L	5	U	
		TRICHLOROETHYLENE (TCE)			ND	0	UG/L	5	U	
		CHLOROFORM			ND	0	UG/L	5	U	
		1,2,3-TRICHLOROPROPANE			ND	0	UG/L	5	U	
		1,2,4-TRIMETHYLBENZENE			ND	0	UG/L	5	U	
		1,3,5-TRIMETHYLBENZENE (MESITYLENE)			ND	0	UG/L	5	U	
		VINYL ACETATE			ND	0	UG/L	10	U	
		VINYL CHLORIDE			ND	0	UG/L	10	U	
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
5/23/00	ACETONE	ND	0	UG/L	100	U				
	BROMODICHLOROMETHANE	ND	0	UG/L	5	U				
	BROMOBENZENE	ND	0	UG/L	5	U				
	BROMOCHLOROMETHANE	ND	0	UG/L	5	U				
	BROMOMETHANE	ND	0	UG/L	10	U				
	n-BUTYLBENZENE	ND	0	UG/L	5	U				
	SEC-BUTYLBENZENE	ND	0	UG/L	5	U				
	t-BUTYLBENZENE	ND	0	UG/L	5	U				

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/23/00	LB	SW8260	BENZENE	ND	0	UG/L	5	U
					TOLUENE	ND	0	UG/L	5	U
					CARBON DISULFIDE	ND	0	UG/L	5	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
					CHLOROBENZENE	ND	0	UG/L	5	U
					2-CHLOROTOLUENE	ND	0	UG/L	5	U
					4-CHLOROTOLUENE	ND	0	UG/L	5	U
					CHLOROETHANE	ND	0	UG/L	10	U
					CHLOROMETHANE	ND	0	UG/L	10	U
					CARBON TETRACHLORIDE	ND	0	UG/L	5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U
					DIBROMOMETHANE	ND	0	UG/L	5	U
					1,1-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	TR	0.89	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	TR	0.78	UG/L	10	
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U
					STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,3-TRICHLOROBENZENE	TR	1.12	UG/L	5	
					1,2,4-TRICHLOROBENZENE	TR	0.6	UG/L	5	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U
					CHLOROFORM	ND	0	UG/L	5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/23/00	LB	SW8260	1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L	10	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					ACETONE	ND	0	UG/L	100	U
					BROMODICHLOROMETHANE	ND	0	UG/L	5	U
					BROMOBENZENE	ND	0	UG/L	5	U
					BROMOCHLOROMETHANE	ND	0	UG/L	5	U
					BROMOMETHANE	ND	0	UG/L	10	U
					n-BUTYLBENZENE	ND	0	UG/L	5	U
					SEC-BUTYLBENZENE	ND	0	UG/L	5	U
					t-BUTYLBENZENE	ND	0	UG/L	5	U
					BENZENE	ND	0	UG/L	5	U
					TOLUENE	ND	0	UG/L	5	U
					CARBON DISULFIDE	ND	0	UG/L	5	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
					CHLOROBENZENE	ND	0	UG/L	5	U
					2-CHLOROTOLUENE	ND	0	UG/L	5	U
					4-CHLOROTOLUENE	ND	0	UG/L	5	U
					CHLOROETHANE	ND	0	UG/L	10	U
					CHLOROMETHANE	ND	0	UG/L	10	U
					CARBON TETRACHLORIDE	ND	0	UG/L	5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U
					DIBROMOMETHANE	ND	0	UG/L	5	U
					1,1-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
LABQC	0	5/23/00	LB	SW8260	METHYLENE CHLORIDE	ND	0	UG/L	5	U					
					NAPHTHALENE	ND	0	UG/L	10	U					
					n-PROPYLBENZENE	ND	0	UG/L	5	U					
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U					
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U					
					STYRENE	ND	0	UG/L	5	U					
					BROMOFORM	ND	0	UG/L	5	U					
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U					
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U					
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U					
					1,2,3-TRICHLOROBENZENE	TR	0.38	UG/L	5						
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	U					
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U					
					CHLOROFORM	ND	0	UG/L	5	U					
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U					
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U					
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U					
					VINYL ACETATE	ND	0	UG/L	10	U					
					VINYL CHLORIDE	ND	0	UG/L	10	U					
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
					5/24/00					ACETONE	ND	0	UG/L	100	U
										BROMODICHLOROMETHANE	ND	0	UG/L	5	U
										BROMOBENZENE	ND	0	UG/L	5	U
										BROMOCHLOROMETHANE	ND	0	UG/L	5	U
										BROMOMETHANE	ND	0	UG/L	10	U
										n-BUTYLBENZENE	ND	0	UG/L	5	U
										SEC-BUTYLBENZENE	ND	0	UG/L	5	U
										t-BUTYLBENZENE	ND	0	UG/L	5	U
										BENZENE	ND	0	UG/L	5	U
										TOLUENE	ND	0	UG/L	5	U
										CARBON DISULFIDE	ND	0	UG/L	5	U
										2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
										CHLOROBENZENE	ND	0	UG/L	5	U
										2-CHLOROTOLUENE	ND	0	UG/L	5	U
										4-CHLOROTOLUENE	ND	0	UG/L	5	U
										CHLOROETHANE	ND	0	UG/L	10	U
										CHLOROMETHANE	ND	0	UG/L	10	U
										CARBON TETRACHLORIDE	ND	0	UG/L	5	U
										P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	U
										DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
										1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U
										DIBROMOMETHANE	ND	0	UG/L	5	U
										1,1-DICHLOROETHANE	ND	0	UG/L	5	U
										1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U					
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U					
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U					
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U					
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U					
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U					

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual	
LABQC	0	5/24/00	LB	SW8260	1,1-DICHLOROPROPENE	ND	0	UG/L	5	U	
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U	
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U	
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U	
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U	
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U	
					ETHYLBENZENE	ND	0	UG/L	5	U	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U	
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U	
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U	
					HEXACHLOROBUTADIENE	TR	0.72	UG/L	5		
					2-HEXANONE	ND	0	UG/L	10	U	
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U	
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U	
					METHYLENE CHLORIDE	ND	0	UG/L	5	U	
					NAPHTHALENE	TR	0.68	UG/L	10		
					n-PROPYLBENZENE	ND	0	UG/L	5	U	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U	
					STYRENE	ND	0	UG/L	5	U	
					BROMOFORM	ND	0	UG/L	5	U	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U	
					1,2,3-TRICHLOROBENZENE	TR	0.87	UG/L	5		
					1,2,4-TRICHLOROBENZENE	TR	0.47	UG/L	5		
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U	
					CHLOROFORM	ND	0	UG/L	5	U	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U	
					VINYL ACETATE	ND	0	UG/L	10	U	
					VINYL CHLORIDE	ND	0	UG/L	10	U	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U	
					6/27/00		M8015D		PETROLEUM HYDROCARBONS	ND	0
		7/4/00		SW8260		ACETONE	ND	0	UG/L	10	U
						ACRYLONITRILE	ND	0	UG/L	10	U
						BROMODICHLOROMETHANE	ND	0	UG/L	1	U
						BROMOBENZENE	ND	0	UG/L	1	U
				BROMOCHLOROMETHANE	ND	0	UG/L	1	U		
				BROMOMETHANE	ND	0	UG/L	2	U		
				n-BUTYLBENZENE	ND	0	UG/L	1	U		
				SEC-BUTYLBENZENE	ND	0	UG/L	1	U		
				t-BUTYLBENZENE	ND	0	UG/L	1	U		
				BENZENE	ND	0	UG/L	0.5	U		
				TOLUENE	ND	0	UG/L	0.5	U		
				CARBON DISULFIDE	ND	0	UG/L	1	U		
				2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	U		
				CHLOROBENZENE	ND	0	UG/L	1	U		

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/4/00	LB	SW8260	2-CHLOROTOLUENE	ND	0	UG/L	2	U
					4-CHLOROTOLUENE	ND	0	UG/L	2	U
					CHLOROETHANE	ND	0	UG/L	2	U
					CHLOROMETHANE	ND	0	UG/L	2	U
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	U
					DIBROMOMETHANE	ND	0	UG/L	1	U
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	U
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	U
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	U
					ETHYLBENZENE	ND	0	UG/L	0.5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	U
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	U
					HEXACHLOROBUTADIENE	TR	1.15	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	U
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	2	U
					NAPHTHALENE	ND	0	UG/L	2	U
					n-PROPYLBENZENE	ND	0	UG/L	2	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	U
					STYRENE	ND	0	UG/L	1	U
					BROMOFORM	ND	0	UG/L	1	U
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	U
					1,2,3-TRICHLOROBENZENE	TR	0.59	UG/L	2	
					1,2,4-TRICHLOROBENZENE	TR	0.32	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	U
					CHLOROFORM	ND	0	UG/L	0.5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	U

**Holloman Air Force Base  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/4/00	LB	SW8260	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L	0.5	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	U
					ACETONE	ND	0	UG/L		U
					ACRYLONITRILE	ND	0	UG/L		U
					BROMODICHLOROMETHANE	ND	0	UG/L		U
					BROMOBENZENE	ND	0	UG/L		U
					BROMOCHLOROMETHANE	ND	0	UG/L		U
					BROMOMETHANE	ND	0	UG/L		U
					n-BUTYLBENZENE	ND	0	UG/L		U
					SEC-BUTYLBENZENE	ND	0	UG/L		U
					t-BUTYLBENZENE	ND	0	UG/L		U
					BENZENE	ND	0	UG/L		U
					TOLUENE	ND	0	UG/L		U
					CARBON DISULFIDE	ND	0	UG/L		U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L		U
					CHLOROBENZENE	ND	0	UG/L		U
					2-CHLOROTOLUENE	ND	0	UG/L		U
					4-CHLOROTOLUENE	ND	0	UG/L		U
					CHLOROETHANE	ND	0	UG/L		U
					CHLOROMETHANE	ND	0	UG/L		U
					CARBON TETRACHLORIDE	ND	0	UG/L		U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L		U
					DIBROMOCHLOROMETHANE	ND	0	UG/L		U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L		U
					DIBROMOMETHANE	ND	0	UG/L		U
					1,1-DICHLOROETHANE	ND	0	UG/L		U
					1,2-DICHLOROETHANE	ND	0	UG/L		U
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L		U
					1,2-DICHLOROBENZENE	ND	0	UG/L		U
					1,3-DICHLOROBENZENE	ND	0	UG/L		U
					1,4-DICHLOROBENZENE	ND	0	UG/L		U
					1,1-DICHLOROETHENE	ND	0	UG/L		U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L		U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L		U
					1,1-DICHLOROPROPENE	ND	0	UG/L		U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L		U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L		U
					1,2-DICHLOROPROPANE	ND	0	UG/L		U
					1,3-DICHLOROPROPANE	ND	0	UG/L		U
					2,2-DICHLOROPROPANE	ND	0	UG/L		U
					ETHYLBENZENE	ND	0	UG/L		U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L		U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L		U
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L		U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L		U
					HEXACHLOROBUTADIENE	TR	0.65	UG/L		U
					2-HEXANONE	ND	0	UG/L		U
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L		U

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual				
LABQC	0	7/4/00	LB	SW8260	ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L		U				
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L		U				
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L		U				
					METHYLENE CHLORIDE	ND	0	UG/L		U				
					NAPHTHALENE	ND	0	UG/L		U				
					n-PROPYLBENZENE	ND	0	UG/L		U				
					1,1,2-TETRACHLOROETHANE	ND	0	UG/L		U				
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L		U				
					STYRENE	ND	0	UG/L		U				
					BROMOFORM	ND	0	UG/L		U				
					tert-BUTYL METHYL ETHER	ND	0	UG/L		U				
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L		U				
					1,1,1-TRICHLOROETHANE	ND	0	UG/L		U				
					1,1,2-TRICHLOROETHANE	ND	0	UG/L		U				
					1,2,3-TRICHLOROBENZENE	TR	0.73	UG/L						
					1,2,4-TRICHLOROBENZENE	TR	0.36	UG/L						
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L		U				
					CHLOROFORM	ND	0	UG/L		U				
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L		U				
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L		U				
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L		U				
					VINYL ACETATE	ND	0	UG/L		10	U			
					VINYL CHLORIDE	ND	0	UG/L		U				
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L		U				
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L		U				
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L		U				
					7/5/00					ACETONE	ND	0	UG/L	
		ACRYLONITRILE								ND	0	UG/L		U
		BROMODICHLOROMETHANE								ND	0	UG/L		U
		BROMOBENZENE								ND	0	UG/L		U
		BROMOCHLOROMETHANE								ND	0	UG/L		U
		BROMOMETHANE								ND	0	UG/L		U
		n-BUTYLBENZENE								ND	0	UG/L		U
		SEC-BUTYLBENZENE								ND	0	UG/L		U
		t-BUTYLBENZENE								ND	0	UG/L		U
		BENZENE								ND	0	UG/L		U
		TOLUENE								ND	0	UG/L		U
		CARBON DISULFIDE								ND	0	UG/L		U
		2-CHLOROETHYL VINYL ETHER								ND	0	UG/L		U
		CHLOROBENZENE								ND	0	UG/L		U
		2-CHLOROTOLUENE								ND	0	UG/L		U
		4-CHLOROTOLUENE								ND	0	UG/L		U
		CHLOROETHANE								ND	0	UG/L		U
		CHLOROMETHANE								ND	0	UG/L		U
		CARBON TETRACHLORIDE								ND	0	UG/L		U
		P-CYMENE (p-ISOPROPYLTOLUENE)								ND	0	UG/L		U
		DIBROMOCHLOROMETHANE								ND	0	UG/L		U
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L							U				
DIBROMOMETHANE	ND	0	UG/L							U				
1,1-DICHLOROETHANE	ND	0	UG/L							U				
1,2-DICHLOROETHANE	ND	0	UG/L							U				
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L							U				

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/5/00	LB	SW8260	1,2-DICHLOROBENZENE	ND	0	UG/L		U
					1,3-DICHLOROBENZENE	ND	0	UG/L		U
					1,4-DICHLOROBENZENE	ND	0	UG/L		U
					1,1-DICHLOROETHENE	ND	0	UG/L		U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L		U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L		U
					1,1-DICHLOROPROPENE	ND	0	UG/L		U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L		U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L		U
					1,2-DICHLOROPROPANE	ND	0	UG/L		U
					1,3-DICHLOROPROPANE	ND	0	UG/L		U
					2,2-DICHLOROPROPANE	ND	0	UG/L		U
					ETHYLBENZENE	ND	0	UG/L		U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L		U
					TRICHLOROFUOROMETHANE	ND	0	UG/L		U
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L		U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L		U
					HEXACHLOROBUTADIENE	TR	0.51	UG/L		
					2-HEXANONE	ND	0	UG/L		U
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L		U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L		U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L		U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L		U
					METHYLENE CHLORIDE	ND	0	UG/L		U
					NAPHTHALENE	ND	0	UG/L		U
					n-PROPYLBENZENE	ND	0	UG/L		U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L		U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L		U
					STYRENE	ND	0	UG/L		U
					BROMOFORM	ND	0	UG/L		U
					tert-BUTYL METHYL ETHER	ND	0	UG/L		U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L		U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L		U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L		U
					1,2,3-TRICHLOROBENZENE	TR	0.59	UG/L		
					1,2,4-TRICHLOROBENZENE	TR	0.3	UG/L		
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L		U
					CHLOROFORM	ND	0	UG/L		U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L		U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L		U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L		U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L		U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L		U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L		U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L		U
					ACETONE	ND	0	UG/L	10	U
					ACRYLONITRILE	ND	0	UG/L	10	U
					BROMODICHLOROMETHANE	ND	0	UG/L	1	U
					BROMOBENZENE	ND	0	UG/L	1	U
					BROMOCHLOROMETHANE	ND	0	UG/L	1	U
					BROMOMETHANE	ND	0	UG/L	2	U

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/5/00	LB	SW8260	n-BUTYLBENZENE	ND	0	UG/L	1	U
					SEC-BUTYLBENZENE	ND	0	UG/L	1	U
					t-BUTYLBENZENE	ND	0	UG/L	1	U
					BENZENE	ND	0	UG/L	0.5	U
					TOLUENE	ND	0	UG/L	0.5	U
					CARBON DISULFIDE	ND	0	UG/L	1	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	U
					CHLOROBENZENE	ND	0	UG/L	1	U
					2-CHLOROTOLUENE	ND	0	UG/L	2	U
					4-CHLOROTOLUENE	ND	0	UG/L	2	U
					CHLOROETHANE	ND	0	UG/L	2	U
					CHLOROMETHANE	ND	0	UG/L	2	U
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	U
					DIBROMOMETHANE	ND	0	UG/L	1	U
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	U
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	U
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	U
					ETHYLBENZENE	ND	0	UG/L	0.5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	U
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	U
					HEXACHLOROBUTADIENE	TR	0.68	UG/L	5	
					2-HEXANONE	ND	0	UG/L	10	U
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	2	U
					NAPHTHALENE	ND	0	UG/L	2	U
					n-PROPYLBENZENE	ND	0	UG/L	2	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	U
					STYRENE	ND	0	UG/L	1	U
					BROMOFORM	ND	0	UG/L	1	U
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	U

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/5/00	LB	SW8260	1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	U
					1,2,3-TRICHLOROBENZENE	TR	0.68	UG/L	2	
					1,2,4-TRICHLOROBENZENE	TR	0.32	UG/L	2	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	U
					CHLOROFORM	ND	0	UG/L	0.5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L	0.5	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	U
					7/6/00 7/17/00	E418.1 SW8260	PETROLEUM HYDROCARBONS	ND	0	MG/KG
		ACETONE	ND	0			UG/KG		U	
		BROMODICHLOROMETHANE	ND	0			UG/KG		U	
		BROMOBENZENE	ND	0			UG/KG		U	
		BROMOCHLOROMETHANE	ND	0			UG/KG		U	
		BROMOMETHANE	ND	0			UG/KG		U	
		n-BUTYLBENZENE	ND	0			UG/KG		U	
		SEC-BUTYLBENZENE	ND	0			UG/KG		U	
		t-BUTYLBENZENE	ND	0			UG/KG		U	
		BENZENE	ND	0			UG/KG		U	
		TOLUENE	ND	0			UG/KG		U	
		CARBON DISULFIDE	ND	0			UG/KG		U	
		CHLOROBENZENE	ND	0			UG/KG		U	
		2-CHLOROTOLUENE	ND	0			UG/KG		U	
		4-CHLOROTOLUENE	ND	0			UG/KG		U	
		CHLOROETHANE	ND	0			UG/KG		U	
		CHLOROMETHANE	ND	0			UG/KG		U	
		CARBON TETRACHLORIDE	ND	0			UG/KG		U	
		P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/KG		U			
DIBROMOCHLOROMETHANE	ND	0	UG/KG		U					
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/KG		U					
DIBROMOMETHANE	ND	0	UG/KG		U					
1,1-DICHLOROETHANE	ND	0	UG/KG		U					
1,2-DICHLOROETHANE	ND	0	UG/KG		U					
1,2-DICHLOROBENZENE	ND	0	UG/KG		U					
1,3-DICHLOROBENZENE	ND	0	UG/KG		U					
1,4-DICHLOROBENZENE	ND	0	UG/KG		U					
1,1-DICHLOROETHENE	ND	0	UG/KG		U					
cis-1,2-DICHLOROETHYLENE	ND	0	UG/KG		U					
trans-1,2-DICHLOROETHENE	ND	0	UG/KG		U					
1,1-DICHLOROPROPENE	ND	0	UG/KG		U					
cis-1,3-DICHLOROPROPENE	ND	0	UG/KG		U					
trans-1,3-DICHLOROPROPENE	ND	0	UG/KG		U					
1,2-DICHLOROPROPANE	ND	0	UG/KG		U					
1,3-DICHLOROPROPANE	ND	0	UG/KG		U					
2,2-DICHLOROPROPANE	ND	0	UG/KG		U					
ETHYLBENZENE	ND	0	UG/KG		U					
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/KG		U					

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/17/00	LB	SW8260	TRICHLOROFLUOROMETHANE	ND	0	UG/KG		U
					DICHLORODIFLUOROMETHANE	ND	0	UG/KG		U
					HEXACHLOROBUTADIENE	TR	58	UG/KG		
					2-HEXANONE	ND	0	UG/KG		U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/KG		U
					METHYL ETHYL KETONE (2-BUTANONE)	TR	970	UG/KG		
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/KG		U
					METHYLENE CHLORIDE	ND	0	UG/KG		U
					NAPHTHALENE	TR	78	UG/KG		
					n-PROPYLBENZENE	ND	0	UG/KG		U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/KG		U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/KG		U
					STYRENE	ND	0	UG/KG		U
					BROMOFORM	ND	0	UG/KG		U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/KG		U
					1,1,1-TRICHLOROETHANE	ND	0	UG/KG		U
					1,1,2-TRICHLOROETHANE	ND	0	UG/KG		U
					1,2,3-TRICHLOROBENZENE	TR	97	UG/KG		
					1,2,4-TRICHLOROBENZENE	TR	60	UG/KG		
					TRICHLOROETHYLENE (TCE)	ND	0	UG/KG		U
					CHLOROFORM	ND	0	UG/KG		U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/KG		U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/KG		U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/KG		U
					VINYL CHLORIDE	ND	0	UG/KG		U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG		U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/KG		U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG		U

**Holloman Air Force Base  
Trip Blank Data**

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
FIELDQC	0	5/1/00	TB	SW8260	ACETONE	ND	0	UG/L	100	U
					BROMODICHLOROMETHANE	ND	0	UG/L	5	U
					BROMOBENZENE	ND	0	UG/L	5	U
					BROMOCHLOROMETHANE	ND	0	UG/L	5	U
					BROMOMETHANE	ND	0	UG/L	10	U
					n-BUTYLBENZENE	ND	0	UG/L	5	U
					SEC-BUTYLBENZENE	ND	0	UG/L	5	U
					t-BUTYLBENZENE	ND	0	UG/L	5	U
					BENZENE	ND	0	UG/L	5	U
					TOLUENE	ND	0	UG/L	5	U
					CARBON DISULFIDE	ND	0	UG/L	5	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
					CHLOROBENZENE	ND	0	UG/L	5	U
					2-CHLOROTOLUENE	ND	0	UG/L	5	U
					4-CHLOROTOLUENE	ND	0	UG/L	5	U
					CHLOROETHANE	ND	0	UG/L	10	U
					CHLOROMETHANE	ND	0	UG/L	10	U
					CARBON TETRACHLORIDE	ND	0	UG/L	5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U
					DIBROMOMETHANE	ND	0	UG/L	5	U
					1,1-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	ND	0	UG/L	10	U
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U
					STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
FIELDQC	0	5/1/00	TB	SW8260	1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,3-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,4-TRICHLOROETHANE	ND	0	UG/L	5	U
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U
					CHLOROFORM	ND	0	UG/L	5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L	10	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U
		P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U			
		5/2/00	ACETONE	ND	0	UG/L	100	U		
			BROMODICHLOROMETHANE	ND	0	UG/L	5	U		
			BROMOBENZENE	ND	0	UG/L	5	U		
			BROMOCHLOROMETHANE	ND	0	UG/L	5	U		
			BROMOMETHANE	ND	0	UG/L	10	U		
			n-BUTYLBENZENE	ND	0	UG/L	5	U		
			SEC-BUTYLBENZENE	ND	0	UG/L	5	U		
			1-BUTYLBENZENE	ND	0	UG/L	5	U		
			BENZENE	ND	0	UG/L	5	U		
			TOLUENE	ND	0	UG/L	5	U		
			CARBON DISULFIDE	ND	0	UG/L	5	U		
			2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U		
			CHLOROBENZENE	ND	0	UG/L	5	U		
			2-CHLOROTOLUENE	ND	0	UG/L	5	U		
			4-CHLOROTOLUENE	ND	0	UG/L	5	U		
			CHLOROETHANE	ND	0	UG/L	10	U		
			CHLOROMETHANE	ND	0	UG/L	10	U		
			CARBON TETRACHLORIDE	ND	0	UG/L	5	U		
			P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	U		
DIBROMOCHLOROMETHANE	ND		0	UG/L	5	U				
1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U					
DIBROMOMETHANE	ND	0	UG/L	5	U					
1,1-DICHLOROETHANE	ND	0	UG/L	5	U					
1,2-DICHLOROETHANE	ND	0	UG/L	5	U					
1,2-DICHLOROBENZENE	ND	0	UG/L	5	U					
1,3-DICHLOROBENZENE	ND	0	UG/L	5	U					
1,4-DICHLOROBENZENE	ND	0	UG/L	5	U					
1,1-DICHLOROETHENE	ND	0	UG/L	5	U					
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U					
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U					
1,1-DICHLOROPROPENE	ND	0	UG/L	5	U					
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U					
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U					
1,2-DICHLOROPROPANE	ND	0	UG/L	5	U					
1,3-DICHLOROPROPANE	ND	0	UG/L	5	U					
2,2-DICHLOROPROPANE	ND	0	UG/L	5	U					
ETHYLBENZENE	ND	0	UG/L	5	U					

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
FIELDQC	0	5/2/00	TB	SW8260	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	ND	0	UG/L	10	U
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U
					STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
		1,2,3-TRICHLOROBENZENE			ND	0	UG/L	5	U	
		1,2,4-TRICHLOROBENZENE			ND	0	UG/L	5	U	
		TRICHLOROETHYLENE (TCE)			ND	0	UG/L	5	U	
		CHLOROFORM			ND	0	UG/L	5	U	
		1,2,3-TRICHLOROPROPANE			ND	0	UG/L	5	U	
		1,2,4-TRIMETHYLBENZENE			ND	0	UG/L	5	U	
		1,3,5-TRIMETHYLBENZENE (MESITYLENE)			ND	0	UG/L	5	U	
		VINYL ACETATE			ND	0	UG/L	10	U	
		VINYL CHLORIDE			ND	0	UG/L	10	U	
		M-XYLENE (1,3-DIMETHYLBENZENE)			ND	0	UG/L	5	U	
		O-XYLENE (1,2-DIMETHYLBENZENE)			ND	0	UG/L	5	U	
		P-XYLENE (1,4-DIMETHYLBENZENE)			ND	0	UG/L	5	U	
		5/3/00			ACETONE	ND	0	UG/L	100	U
					BROMODICHLOROMETHANE	ND	0	UG/L	5	U
					BROMOBENZENE	ND	0	UG/L	5	U
					BROMOCHLOROMETHANE	ND	0	UG/L	5	U
					BROMOMETHANE	ND	0	UG/L	10	U
					n-BUTYLBENZENE	ND	0	UG/L	5	U
					SEC-BUTYLBENZENE	ND	0	UG/L	5	U
					t-BUTYLBENZENE	ND	0	UG/L	5	U
					BENZENE	ND	0	UG/L	5	U
					TOLUENE	ND	0	UG/L	5	U
					CARBON DISULFIDE	ND	0	UG/L	5	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
CHLOROBENZENE	ND		0	UG/L	5	U				
2-CHLOROTOLUENE	ND		0	UG/L	5	U				
4-CHLOROTOLUENE	ND		0	UG/L	5	U				
CHLOROETHANE	ND		0	UG/L	10	U				
CHLOROMETHANE	ND		0	UG/L	10	U				
CARBON TETRACHLORIDE	ND		0	UG/L	5	U				
P-CYMENE (p-ISOPROPYLTOLUENE)	ND		0	UG/L	5	U				
DIBROMOCHLOROMETHANE	ND		0	UG/L	5	U				
1,2-DIBROMO-3-CHLOROPROPANE	ND		0	UG/L	5	U				
DIBROMOMETHANE	ND		0	UG/L	5	U				

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
FIELDQC	0	5/3/00	TB	SW8260	1,1-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	ND	0	UG/L	10	U
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U
					STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	U
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	U
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U
					CHLOROFORM	ND	0	UG/L	5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U
VINYL ACETATE	ND	0	UG/L	10	U					
VINYL CHLORIDE	ND	0	UG/L	10	U					
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
ACETONE	ND	0	UG/L	100	U					
BROMODICHLOROMETHANE	ND	0	UG/L	5	U					
BROMOBENZENE	ND	0	UG/L	5	U					
BROMOCHLOROMETHANE	ND	0	UG/L	5	U					
BROMOMETHANE	ND	0	UG/L	10	U					
n-BUTYLBENZENE	ND	0	UG/L	5	U					
SEC-BUTYLBENZENE	ND	0	UG/L	5	U					

5/4/00

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
FIELDQC	0	5/4/00	TB	SW8260	t-BUTYLBENZENE	ND	0	UG/L	5	U
					BENZENE	ND	0	UG/L	5	U
					TOLUENE	ND	0	UG/L	5	U
					CARBON DISULFIDE	ND	0	UG/L	5	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
					CHLOROBENZENE	ND	0	UG/L	5	U
					2-CHLOROTOLUENE	ND	0	UG/L	5	U
					4-CHLOROTOLUENE	ND	0	UG/L	5	U
					CHLOROETHANE	ND	0	UG/L	10	U
					CHLOROMETHANE	ND	0	UG/L	10	U
					CARBON TETRACHLORIDE	ND	0	UG/L	5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U
					DIBROMOMETHANE	ND	0	UG/L	5	U
					1,1-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	ND	0	UG/L	10	U
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U
					STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	U
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	U
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U
					CHLOROFORM	ND	0	UG/L	5	U

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual	
FIELDQC	0	5/4/00	TB	SW8260	1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U	
					VINYL ACETATE	ND	0	UG/L	10	U	
					VINYL CHLORIDE	ND	0	UG/L	10	U	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U	
					5/10/00	ACETONE	ND	0	UG/L	100	U
					BROMODICHLOROMETHANE	ND	0	UG/L	5	U	
					BROMOBENZENE	ND	0	UG/L	5	U	
					BROMOCHLOROMETHANE	ND	0	UG/L	5	U	
		BROMOMETHANE			ND	0	UG/L	10	U		
		n-BUTYLBENZENE			ND	0	UG/L	5	U		
		SEC-BUTYLBENZENE			ND	0	UG/L	5	U		
		t-BUTYLBENZENE			ND	0	UG/L	5	U		
		BENZENE			ND	0	UG/L	5	U		
		TOLUENE			ND	0	UG/L	5	U		
		CARBON DISULFIDE			ND	0	UG/L	5	U		
		2-CHLOROETHYL VINYL ETHER			ND	0	UG/L	10	U		
		CHLOROBENZENE			ND	0	UG/L	5	U		
		2-CHLOROTOLUENE			ND	0	UG/L	5	U		
		4-CHLOROTOLUENE			ND	0	UG/L	5	U		
		CHLOROETHANE			ND	0	UG/L	10	U		
		CHLOROMETHANE			ND	0	UG/L	10	U		
		CARBON TETRACHLORIDE			ND	0	UG/L	5	U		
		P-CYMENE (p-ISOPROPYLTOLUENE)			ND	0	UG/L	5	U		
		DIBROMOCHLOROMETHANE			ND	0	UG/L	5	U		
		1,2-DIBROMO-3-CHLOROPROPANE			ND	0	UG/L	5	U		
		DIBROMOMETHANE			ND	0	UG/L	5	U		
		1,1-DICHLOROETHANE			ND	0	UG/L	5	U		
		1,2-DICHLOROETHANE			ND	0	UG/L	5	U		
		1,2-DICHLOROBENZENE			ND	0	UG/L	5	U		
1,3-DICHLOROBENZENE	ND	0	UG/L	5	U						
1,4-DICHLOROBENZENE	ND	0	UG/L	5	U						
1,1-DICHLOROETHENE	ND	0	UG/L	5	U						
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U						
trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U						
1,1-DICHLOROPROPENE	ND	0	UG/L	5	U						
cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U						
trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U						
1,2-DICHLOROPROPANE	ND	0	UG/L	5	U						
1,3-DICHLOROPROPANE	ND	0	UG/L	5	U						
2,2-DICHLOROPROPANE	ND	0	UG/L	5	U						
ETHYLBENZENE	ND	0	UG/L	5	U						
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U						
TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U						
DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U						
HEXACHLOROBUTADIENE	ND	0	UG/L	5	U						
2-HEXANONE	ND	0	UG/L	10	U						
ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U						
METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U						

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual	
FIELDQC	0	5/10/00	TB	SW8260	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U	
					METHYLENE CHLORIDE	ND	0	UG/L	5	U	
					NAPHTHALENE	ND	0	UG/L	10	U	
					n-PROPYLBENZENE	ND	0	UG/L	5	U	
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U	
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U	
					STYRENE	ND	0	UG/L	5	U	
					BROMOFORM	ND	0	UG/L	5	U	
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U	
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U	
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U	
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	U	
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	U	
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U	
					CHLOROFORM	ND	0	UG/L	5	U	
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U	
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U	
					VINYL ACETATE	ND	0	UG/L	10	U	
					VINYL CHLORIDE	ND	0	UG/L	10	U	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U	
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U	
					5/11/00	ACETONE	ND	0	UG/L	100	U
						BROMODICHLOROMETHANE	ND	0	UG/L	5	U
						BROMOBENZENE	ND	0	UG/L	5	U
						BROMOCHLOROMETHANE	ND	0	UG/L	5	U
						BROMOMETHANE	ND	0	UG/L	10	U
						n-BUTYLBENZENE	ND	0	UG/L	5	U
						SEC-BUTYLBENZENE	ND	0	UG/L	5	U
						t-BUTYLBENZENE	ND	0	UG/L	5	U
						BENZENE	ND	0	UG/L	5	U
						TOLUENE	ND	0	UG/L	5	U
		CARBON DISULFIDE				ND	0	UG/L	5	U	
		2-CHLOROETHYL VINYL ETHER				ND	0	UG/L	10	U	
		CHLOROBENZENE				ND	0	UG/L	5	U	
		2-CHLOROTOLUENE				ND	0	UG/L	5	U	
		4-CHLOROTOLUENE				ND	0	UG/L	5	U	
		CHLOROETHANE				ND	0	UG/L	10	U	
		CHLOROMETHANE				ND	0	UG/L	10	U	
		CARBON TETRACHLORIDE				ND	0	UG/L	5	U	
		P-CYMENE (p-ISOPROPYLTOLUENE)				ND	0	UG/L	5	U	
		DIBROMOCHLOROMETHANE				ND	0	UG/L	5	U	
		1,2-DIBROMO-3-CHLOROPROPANE				ND	0	UG/L	5	U	
		DIBROMOMETHANE				ND	0	UG/L	5	U	
		1,1-DICHLOROETHANE				ND	0	UG/L	5	U	
		1,2-DICHLOROETHANE				ND	0	UG/L	5	U	
1,2-DICHLOROBENZENE	ND	0	UG/L	5		U					
1,3-DICHLOROBENZENE	ND	0	UG/L	5		U					
1,4-DICHLOROBENZENE	ND	0	UG/L	5		U					
1,1-DICHLOROETHENE	ND	0	UG/L	5		U					
cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5		U					

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
FIELDQC	0	5/11/00	TB	SW8260	trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	ND	0	UG/L	10	U
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U
					STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	U
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	U
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U
					CHLOROFORM	ND	0	UG/L	5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L	10	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U
		5/12/00			ACETONE	ND	0	UG/L	100	U
					BROMODICHLOROMETHANE	ND	0	UG/L	5	U
					BROMOBENZENE	ND	0	UG/L	5	U
					BROMOCHLOROMETHANE	ND	0	UG/L	5	U
					BROMOMETHANE	ND	0	UG/L	10	U
					n-BUTYLBENZENE	ND	0	UG/L	5	U
					SEC-BUTYLBENZENE	ND	0	UG/L	5	U
					t-BUTYLBENZENE	ND	0	UG/L	5	U
					BENZENE	ND	0	UG/L	5	U
					TOLUENE	ND	0	UG/L	5	U
					CARBON DISULFIDE	ND	0	UG/L	5	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	10	U
					CHLOROBENZENE	ND	0	UG/L	5	U
					2-CHLOROTOLUENE	ND	0	UG/L	5	U

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
FIELDQC	0	5/12/00	TB	SW8260	4-CHLOROTOLUENE	ND	0	UG/L	5	U
					CHLOROETHANE	ND	0	UG/L	10	U
					CHLOROMETHANE	ND	0	UG/L	10	U
					CARBON TETRACHLORIDE	ND	0	UG/L	5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	5	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	5	U
					DIBROMOMETHANE	ND	0	UG/L	5	U
					1,1-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	5	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	5	U
					1,1-DICHLOROETHENE	ND	0	UG/L	5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	5	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	5	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	5	U
					ETHYLBENZENE	ND	0	UG/L	5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	5	U
					TRICHLOROFUOROMETHANE	ND	0	UG/L	10	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	10	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	5	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	100	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	5	U
					NAPHTHALENE	ND	0	UG/L	10	U
					n-PROPYLBENZENE	ND	0	UG/L	5	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	5	U
					STYRENE	ND	0	UG/L	5	U
					BROMOFORM	ND	0	UG/L	5	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	5	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	5	U
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	5	U
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	5	U
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	5	U
					CHLOROFORM	ND	0	UG/L	5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	5	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	5	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	5	U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L	10	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	5	U

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
FIELDQC	0	5/12/00 6/22/00	TB	SW8260	P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					ACETONE	ND	0	UG/L	10	U
					ACRYLONITRILE	ND	0	UG/L	10	U
					BROMODICHLOROMETHANE	ND	0	UG/L	1	U
					BROMOBENZENE	ND	0	UG/L	1	U
					BROMOCHLOROMETHANE	ND	0	UG/L	1	U
					BROMOMETHANE	ND	0	UG/L	2	U
					n-BUTYLBENZENE	ND	0	UG/L	1	U
					SEC-BUTYLBENZENE	ND	0	UG/L	1	U
					t-BUTYLBENZENE	ND	0	UG/L	1	U
					BENZENE	ND	0	UG/L	0.5	U
					TOLUENE	ND	0	UG/L	0.5	U
					CARBON DISULFIDE	ND	0	UG/L	1	U
					2-CHLOROETHYL VINYL ETHER	ND	0	UG/L	5	U
					CHLOROBENZENE	ND	0	UG/L	1	U
					2-CHLOROTOLUENE	ND	0	UG/L	2	U
					4-CHLOROTOLUENE	ND	0	UG/L	2	U
					CHLOROETHANE	ND	0	UG/L	2	U
					CHLOROMETHANE	ND	0	UG/L	2	U
					CARBON TETRACHLORIDE	ND	0	UG/L	0.5	U
					P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0	UG/L	2	U
					DIBROMOCHLOROMETHANE	ND	0	UG/L	5	U
					1,2-DIBROMO-3-CHLOROPROPANE	ND	0	UG/L	2	U
					DIBROMOMETHANE	ND	0	UG/L	1	U
					1,1-DICHLOROETHANE	ND	0	UG/L	0.5	U
					1,2-DICHLOROETHANE	ND	0	UG/L	0.5	U
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	U
					1,2-DICHLOROBENZENE	ND	0	UG/L	1	U
					1,3-DICHLOROBENZENE	ND	0	UG/L	1	U
					1,4-DICHLOROBENZENE	ND	0	UG/L	1	U
					1,1-DICHLOROETHENE	ND	0	UG/L	0.5	U
					cis-1,2-DICHLOROETHYLENE	ND	0	UG/L	0.5	U
					trans-1,2-DICHLOROETHENE	ND	0	UG/L	0.5	U
					1,1-DICHLOROPROPENE	ND	0	UG/L	1	U
					cis-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	U
					trans-1,3-DICHLOROPROPENE	ND	0	UG/L	0.5	U
					1,2-DICHLOROPROPANE	ND	0	UG/L	0.5	U
					1,3-DICHLOROPROPANE	ND	0	UG/L	2	U
					2,2-DICHLOROPROPANE	ND	0	UG/L	1	U
					ETHYLBENZENE	ND	0	UG/L	0.5	U
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0	UG/L	1	U
					TRICHLOROFLUOROMETHANE	ND	0	UG/L	2	U
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	U
					DICHLORODIFLUOROMETHANE	ND	0	UG/L	2	U
					HEXACHLOROBUTADIENE	ND	0	UG/L	5	U
					2-HEXANONE	ND	0	UG/L	10	U
					IODOMETHANE (METHYL IODIDE)	ND	0	UG/L	5	U
					ISOPROPYLBENZENE (CUMENE)	ND	0	UG/L	2	U
					METHYL ETHYL KETONE (2-BUTANONE)	ND	0	UG/L	10	U
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ND	0	UG/L	10	U
					METHYLENE CHLORIDE	ND	0	UG/L	2	U
					NAPHTHALENE	ND	0	UG/L	2	U

**Holloman Air Force Base  
SS61 Phase II RI  
Trip Blank Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
FIELDQC	0	6/22/00	TB	SW8260	n-PROPYLBENZENE	ND	0	UG/L	2	U
					1,1,2,2-TETRACHLOROETHANE	ND	0	UG/L	0.5	U
					TETRACHLOROETHYLENE(PCE)	ND	0	UG/L	0.5	U
					STYRENE	ND	0	UG/L	1	U
					BROMOFORM	ND	0	UG/L	1	U
					tert-BUTYL METHYL ETHER	ND	0	UG/L	2	U
					1,1,1,2-TETRACHLOROETHANE	ND	0	UG/L	1	U
					1,1,1-TRICHLOROETHANE	ND	0	UG/L	0.5	U
					1,1,2-TRICHLOROETHANE	ND	0	UG/L	0.5	U
					1,2,3-TRICHLOROBENZENE	ND	0	UG/L	2	U
					1,2,4-TRICHLOROBENZENE	ND	0	UG/L	2	U
					TRICHLOROETHYLENE (TCE)	ND	0	UG/L	0.5	U
					CHLOROFORM	ND	0	UG/L	0.5	U
					1,2,3-TRICHLOROPROPANE	ND	0	UG/L	2	U
					1,2,4-TRIMETHYLBENZENE	ND	0	UG/L	2	U
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0	UG/L	2	U
					VINYL ACETATE	ND	0	UG/L	10	U
					VINYL CHLORIDE	ND	0	UG/L	0.5	U
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	1	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0	UG/L	1	U
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	1	U

**Holloman Air Force Base  
Laboratory Control Sample Data**

**Holloman Air Force Base  
SS61 Phase II RI  
Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/2/00	BS	M8015D	PETROLEUM HYDROCARBONS	=	786	UG/L	500	
		5/3/00			PETROLEUM HYDROCARBONS	=	1160	UG/L	500	
		5/4/00	SW8260	ACETONE	TR	24	UG/L	100	F	
				BROMODICHLOROMETHANE	=	24	UG/L	5		
				BROMOBENZENE	=	23	UG/L	5		
				BROMOCHLOROMETHANE	=	21	UG/L	5		
				BROMOMETHANE	=	19	UG/L	10		
				n-BUTYLBENZENE	=	23	UG/L	5		
				SEC-BUTYLBENZENE	=	22	UG/L	5		
				t-BUTYLBENZENE	=	25	UG/L	5		
				BENZENE	=	21	UG/L	5		
				TOLUENE	=	23	UG/L	5		
				CARBON DISULFIDE	=	16	UG/L	5		
				2-CHLOROETHYL VINYL ETHER	=	23	UG/L	10		
				CHLOROBENZENE	=	23	UG/L	5		
				2-CHLOROTOLUENE	=	22	UG/L	5		
				4-CHLOROTOLUENE	=	23	UG/L	5		
				CHLOROETHANE	=	21	UG/L	10		
				CHLOROMETHANE	=	19	UG/L	10		
				CARBON TETRACHLORIDE	=	23	UG/L	5		
				P-CYMENE (p-ISOPROPYLTOLUENE)	=	23	UG/L	5		
				DIBROMOCHLOROMETHANE	=	24	UG/L	5		
				1,2-DIBROMO-3-CHLOROPROPANE	=	25	UG/L	5		
				DIBROMOMETHANE	=	22	UG/L	5		
				1,1-DICHLOROETHANE	=	19	UG/L	5		
				1,2-DICHLOROETHANE	=	22	UG/L	5		
				1,2-DICHLOROBENZENE	=	22	UG/L	5		
				1,3-DICHLOROBENZENE	=	22	UG/L	5		
				1,4-DICHLOROBENZENE	=	21	UG/L	5		
				1,1-DICHLOROETHENE	=	20	UG/L	5		
				cis-1,2-DICHLOROETHYLENE	=	22	UG/L	5		
				trans-1,2-DICHLOROETHENE	=	23	UG/L	5		
				1,1-DICHLOROPROPENE	=	24	UG/L	5		
				cis-1,3-DICHLOROPROPENE	=	24	UG/L	5		
				trans-1,3-DICHLOROPROPENE	=	25	UG/L	5		
				1,2-DICHLOROPROPANE	=	18	UG/L	5		
				1,3-DICHLOROPROPANE	=	24	UG/L	5		
				2,2-DICHLOROPROPANE	=	23	UG/L	5		
				ETHYLBENZENE	=	23	UG/L	5		
				1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	25	UG/L	5		
				TRICHLOROFLUOROMETHANE	=	21	UG/L	10		
				DICHLORODIFLUOROMETHANE	=	19	UG/L	10		
				HEXACHLOROBUTADIENE	=	24	UG/L	5		
				2-HEXANONE	=	19	UG/L	10		
				ISOPROPYLBENZENE (CUMENE)	=	24	UG/L	5		
				METHYL ETHYL KETONE (2-BUTANONE)	TR	17	UG/L	100	F	
				METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	19	UG/L	10		
				METHYLENE CHLORIDE	=	20	UG/L	5		
				NAPHTHALENE	=	25	UG/L	10		
				n-PROPYLBENZENE	=	24	UG/L	5		
				1,1,2,2-TETRACHLOROETHANE	=	22	UG/L	5		
				TETRACHLOROETHYLENE(PCE)	=	23	UG/L	5		

**Holloman Air Force Base  
SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/4/00	BS	SW8260	STYRENE	=	23	UG/L	5	
					BROMOFORM	=	25	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	=	24	UG/L	5	
					1,1,1-TRICHLOROETHANE	=	24	UG/L	5	
					1,1,2-TRICHLOROETHANE	=	24	UG/L	5	
					1,2,3-TRICHLOROBENZENE	=	27	UG/L	5	
					1,2,4-TRICHLOROBENZENE	=	24	UG/L	5	
					TRICHLOROETHYLENE (TCE)	=	21	UG/L	5	
					CHLOROFORM	=	23	UG/L	5	
					1,2,3-TRICHLOROPROPANE	=	24	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	=	22	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	23	UG/L	5	
					VINYL ACETATE	TR	5.5	UG/L	10	F
					VINYL CHLORIDE	=	19	UG/L	10	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	24	UG/L	5	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					5/5/00	M8015D	PETROLEUM HYDROCARBONS	TR	0.857	MG/L
		PETROLEUM HYDROCARBONS	=	951	UG/L		500			
		5/6/00	E418.1	PETROLEUM HYDROCARBONS	=	216	MG/KG	25		
		5/8/00	SW8260	ACETONE	TR	19.2	UG/L	100		
		BROMODICHLOROMETHANE		=	25.5	UG/L	5			
		BROMOBENZENE		=	22.9	UG/L	5			
		BROMOCHLOROMETHANE		=	23.6	UG/L	5			
		BROMOMETHANE		=	24.2	UG/L	10			
		n-BUTYLBENZENE		=	21.8	UG/L	5			
		SEC-BUTYLBENZENE		=	21.3	UG/L	5			
		t-BUTYLBENZENE		=	22.6	UG/L	5			
		BENZENE		=	23.4	UG/L	5			
		TOLUENE		=	20.9	UG/L	5			
		CARBON DISULFIDE		=	16.5	UG/L	5			
		2-CHLOROETHYL VINYL ETHER		=	23.4	UG/L	10			
		CHLOROBENZENE		=	22.8	UG/L	5			
		2-CHLOROTOLUENE		=	21.1	UG/L	5			
		4-CHLOROTOLUENE		=	23.1	UG/L	5			
		CHLOROETHANE		=	24.2	UG/L	10			
		CHLOROMETHANE		=	20.9	UG/L	10			
		CARBON TETRACHLORIDE		=	25.2	UG/L	5			
P-CYMENE (p-ISOPROPYLTOLUENE)	=	21.6		UG/L	5					
DIBROMOCHLOROMETHANE	=	24.5		UG/L	5					
1,2-DIBROMO-3-CHLOROPROPANE	=	23.6		UG/L	5					
DIBROMOMETHANE	=	24		UG/L	5					
1,1-DICHLOROETHANE	=	23.5	UG/L	5						
1,2-DICHLOROETHANE	=	23.9	UG/L	5						
1,2-DICHLOROBENZENE	=	22	UG/L	5						
1,3-DICHLOROBENZENE	=	21.8	UG/L	5						
1,4-DICHLOROBENZENE	=	21.6	UG/L	5						
1,1-DICHLOROETHENE	=	24.5	UG/L	5						
cis-1,2-DICHLOROETHYLENE	=	22.7	UG/L	5						
trans-1,2-DICHLOROETHENE	=	24.3	UG/L	5						
1,1-DICHLOROPROPENE	=	28.4	UG/L	5						
cis-1,3-DICHLOROPROPENE	=	26.8	UG/L	5						

**Holloman Air Force Base  
SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual					
LABQC	0	5/8/00	BS	SW8260	trans-1,3-DICHLOROPROPENE	=	23.7	UG/L	5						
					1,2-DICHLOROPROPANE	=	23	UG/L	5						
					1,3-DICHLOROPROPANE	=	23.1	UG/L	5						
					2,2-DICHLOROPROPANE	=	24.8	UG/L	5						
					ETHYLBENZENE	=	22.9	UG/L	5						
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	23.5	UG/L	5						
					TRICHLOROFLUOROMETHANE	=	24.9	UG/L	10						
					DICHLORODIFLUOROMETHANE	=	21.9	UG/L	10						
					HEXACHLOROBUTADIENE	=	21.3	UG/L	5						
					2-HEXANONE	=	22.5	UG/L	10						
					ISOPROPYLBENZENE (CUMENE)	=	21.8	UG/L	5						
					METHYL ETHYL KETONE (2-BUTANONE)	TR	27.1	UG/L	100						
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	25.7	UG/L	10						
					METHYLENE CHLORIDE	=	22.5	UG/L	5						
					NAPHTHALENE	=	19.7	UG/L	10						
					n-PROPYLBENZENE	=	22.6	UG/L	5						
					1,1,2,2-TETRACHLOROETHANE	=	23.8	UG/L	5						
					TETRACHLOROETHYLENE(PCE)	=	23.2	UG/L	5						
					STYRENE	=	22.9	UG/L	5						
					BROMOFORM	=	24.8	UG/L	5						
					1,1,1,2-TETRACHLOROETHANE	=	24.3	UG/L	5						
					1,1,1-TRICHLOROETHANE	=	24.6	UG/L	5						
					1,1,2-TRICHLOROETHANE	=	23	UG/L	5						
					1,2,3-TRICHLOROBENZENE	=	21.2	UG/L	5						
					1,2,4-TRICHLOROBENZENE	=	21.6	UG/L	5						
					TRICHLOROETHYLENE (TCE)	=	23.9	UG/L	5						
					CHLOROFORM	=	23.9	UG/L	5						
					1,2,3-TRICHLOROPROPANE	=	23.4	UG/L	5						
					1,2,4-TRIMETHYLBENZENE	=	21.5	UG/L	5						
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	21.8	UG/L	5						
					VINYL ACETATE	TR	6.34	UG/L	10						
					VINYL CHLORIDE	=	17.9	UG/L	10						
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	44.8	UG/L	5						
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	22.4	UG/L	5						
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
							5/9/00								
										ACETONE	TR	15.7	UG/L	100	
										BROMODICHLOROMETHANE	=	24.4	UG/L	5	
										BROMOBENZENE	=	22.5	UG/L	5	
										BROMOCHLOROMETHANE	=	21.3	UG/L	5	
										BROMOMETHANE	=	24.4	UG/L	10	
										n-BUTYLBENZENE	=	23.6	UG/L	5	
										SEC-BUTYLBENZENE	=	22.7	UG/L	5	
										t-BUTYLBENZENE	=	24	UG/L	5	
										BENZENE	=	23.5	UG/L	5	
					TOLUENE	=	21.6	UG/L	5						
					CARBON DISULFIDE	=	11.7	UG/L	5						
					2-CHLOROETHYL VINYL ETHER	=	19.5	UG/L	10						
					CHLOROBENZENE	=	23.3	UG/L	5						
					2-CHLOROTOLUENE	=	22	UG/L	5						
					4-CHLOROTOLUENE	=	24.1	UG/L	5						
					CHLOROETHANE	=	25.1	UG/L	10						
					CHLOROMETHANE	=	21.2	UG/L	10						

**Holloman Air Force Base  
SS61 Phase II RI  
Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/9/00	BS	SW8260	CARBON TETRACHLORIDE	=	25.3	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	23.1	UG/L	5	
					DIBROMOCHLOROMETHANE	=	22.9	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	=	20.2	UG/L	5	
					DIBROMOMETHANE	=	21.7	UG/L	5	
					1,1-DICHLOROETHANE	=	23.3	UG/L	5	
					1,2-DICHLOROETHANE	=	22.3	UG/L	5	
					1,2-DICHLOROBENZENE	=	22.2	UG/L	5	
					1,3-DICHLOROBENZENE	=	22.5	UG/L	5	
					1,4-DICHLOROBENZENE	=	22	UG/L	5	
					1,1-DICHLOROETHENE	=	24.5	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	=	22.5	UG/L	5	
					trans-1,2-DICHLOROETHENE	=	24.1	UG/L	5	
					1,1-DICHLOROPROPENE	=	28.3	UG/L	5	
					cis-1,3-DICHLOROPROPENE	=	25.7	UG/L	5	
					trans-1,3-DICHLOROPROPENE	=	22.3	UG/L	5	
					1,2-DICHLOROPROPANE	=	22.6	UG/L	5	
					1,3-DICHLOROPROPANE	=	21.5	UG/L	5	
					2,2-DICHLOROPROPANE	=	24.9	UG/L	5	
					ETHYLBENZENE	=	23.8	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	21.8	UG/L	5	
					TRICHLOROFLUOROMETHANE	=	24.9	UG/L	10	
					DICHLORODIFLUOROMETHANE	=	20.9	UG/L	10	
					HEXACHLOROBUTADIENE	=	22.7	UG/L	5	
					2-HEXANONE	=	18.4	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	=	23.2	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	TR	22.2	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	21.2	UG/L	10	
					METHYLENE CHLORIDE	=	21.9	UG/L	5	
					NAPHTHALENE	=	19.4	UG/L	10	
					n-PROPYLBENZENE	=	23.9	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	=	20.9	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	=	24.2	UG/L	5	
					STYRENE	=	24	UG/L	5	
					BROMOFORM	=	22.6	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	=	24.2	UG/L	5	
					1,1,1-TRICHLOROETHANE	=	24.6	UG/L	5	
					1,1,2-TRICHLOROETHANE	=	21.5	UG/L	5	
					1,2,3-TRICHLOROBENZENE	=	21	UG/L	5	
					1,2,4-TRICHLOROBENZENE	=	21.9	UG/L	5	
					TRICHLOROETHYLENE (TCE)	=	24.1	UG/L	5	
CHLOROFORM	=	23.6	UG/L	5						
1,2,3-TRICHLOROPROPANE	=	20.6	UG/L	5						
1,2,4-TRIMETHYLBENZENE	=	22.9	UG/L	5						
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	23.1	UG/L	5						
VINYL ACETATE	TR	4.6	UG/L	10						
VINYL CHLORIDE	=	17.9	UG/L	10						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
O-XYLENE (1,2-DIMETHYLBENZENE)	=	23.9	UG/L	5						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
			<b>E418.1</b>	PETROLEUM HYDROCARBONS	=	211	MG/KG	25		
		5/11/00		<b>SW8260</b>	ACETONE	TR	1600	UG/KG	10000	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/11/00	BS	SW8260	BROMODICHLOROMETHANE	=	1900	UG/KG	500	
					BROMOBENZENE	=	2000	UG/KG	500	
					BROMOCHLOROMETHANE	=	1800	UG/KG	500	
					BROMOMETHANE	=	2600	UG/KG	1000	
					n-BUTYLBENZENE	=	2400	UG/KG	500	
					SEC-BUTYLBENZENE	=	2100	UG/KG	500	
					t-BUTYLBENZENE	=	2100	UG/KG	500	
					BENZENE	=	1900	UG/KG	500	
					TOLUENE	=	2200	UG/KG	500	
					CARBON DISULFIDE	=	1600	UG/KG	500	
					2-CHLOROETHYL VINYL ETHER	=	2700	UG/KG	1000	
					CHLOROBENZENE	=	2100	UG/KG	500	
					2-CHLOROTOLUENE	=	2200	UG/KG	500	
					4-CHLOROTOLUENE	=	2100	UG/KG	500	
					CHLOROETHANE	=	1900	UG/KG	1000	
					CHLOROMETHANE	=	1800	UG/KG	1000	
					CARBON TETRACHLORIDE	=	1600	UG/KG	500	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	2200	UG/KG	500	
					DIBROMOCHLOROMETHANE	=	1800	UG/KG	500	
					1,2-DIBROMO-3-CHLOROPROPANE	=	1700	UG/KG	500	
					DIBROMOMETHANE	=	1800	UG/KG	500	
					1,1-DICHLOROETHANE	=	1700	UG/KG	500	
					1,2-DICHLOROETHANE	=	1600	UG/KG	500	
					1,2-DICHLOROBENZENE	=	1900	UG/KG	500	
					1,3-DICHLOROBENZENE	=	2000	UG/KG	500	
					1,4-DICHLOROBENZENE	=	2000	UG/KG	500	
					1,1-DICHLOROETHENE	=	1800	UG/KG	500	
					cis-1,2-DICHLOROETHYLENE	=	1800	UG/KG	500	
					trans-1,2-DICHLOROETHENE	=	1800	UG/KG	500	
					1,1-DICHLOROPROPENE	=	1800	UG/KG	500	
					cis-1,3-DICHLOROPROPENE	=	2000	UG/KG	500	
					trans-1,3-DICHLOROPROPENE	=	1900	UG/KG	500	
					1,2-DICHLOROPROPANE	=	1800	UG/KG	500	
					1,3-DICHLOROPROPANE	=	1800	UG/KG	500	
					2,2-DICHLOROPROPANE	=	1600	UG/KG	500	
					ETHYLBENZENE	=	2200	UG/KG	500	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	1800	UG/KG	500	
					TRICHLOROFLUOROMETHANE	=	1600	UG/KG	1000	
					DICHLORODIFLUOROMETHANE	=	1600	UG/KG	1000	
					HEXACHLOROBUTADIENE	=	2300	UG/KG	500	
					2-HEXANONE	=	1300	UG/KG	1000	
					ISOPROPYLBENZENE (CUMENE)	=	2100	UG/KG	500	
					METHYL ETHYL KETONE (2-BUTANONE)	TR	2600	UG/KG	10000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	1600	UG/KG	1000	
					METHYLENE CHLORIDE	=	2000	UG/KG	500	
					NAPHTHALENE	=	2300	UG/KG	1000	
					n-PROPYLBENZENE	=	2200	UG/KG	500	
					1,1,2,2-TETRACHLOROETHANE	=	1400	UG/KG	500	
					TETRACHLOROETHYLENE(PCE)	=	2200	UG/KG	500	
					STYRENE	=	2100	UG/KG	500	
					BROMOFORM	=	1700	UG/KG	500	
					1,1,1,2-TETRACHLOROETHANE	=	2000	UG/KG	500	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual	
LABQC	0	5/11/00	BS	SW8260	1,1,1-TRICHLOROETHANE	=	1700	UG/KG	500		
					1,1,2-TRICHLOROETHANE	=	1900	UG/KG	500		
					1,2,3-TRICHLOROBENZENE	=	2100	UG/KG	500		
					1,2,4-TRICHLOROBENZENE	=	2200	UG/KG	500		
					TRICHLOROETHYLENE (TCE)	=	2000	UG/KG	500		
					CHLOROFORM	=	1800	UG/KG	500		
					1,2,3-TRICHLOROPROPANE	=	1600	UG/KG	500		
					1,2,4-TRIMETHYLBENZENE	=	2200	UG/KG	500		
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	2200	UG/KG	500		
					VINYL ACETATE	TR	370	UG/KG	1000		
					VINYL CHLORIDE	=	2200	UG/KG	1000		
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	500	U	
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	2100	UG/KG	500		
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	500	U	
					5/14/00	ACETONE	TR	3720	UG/KG	13000	
					BROMODICHLOROMETHANE	=	2940	UG/KG	630		
					BROMOBENZENE	=	2390	UG/KG	630		
					BROMOCHLOROMETHANE	=	3200	UG/KG	630		
					BROMOMETHANE	=	2850	UG/KG	1300		
					n-BUTYLBENZENE	=	2310	UG/KG	630		
		SEC-BUTYLBENZENE			=	2200	UG/KG	630			
		t-BUTYLBENZENE			=	2280	UG/KG	630			
		BENZENE			=	2500	UG/KG	630			
		TOLUENE			=	2420	UG/KG	630			
		CARBON DISULFIDE			=	2710	UG/KG	630			
		2-CHLOROETHYL VINYL ETHER			=	3260	UG/KG	1300			
		CHLOROBENZENE			=	2520	UG/KG	630			
		2-CHLOROTOLUENE			=	2250	UG/KG	630			
		4-CHLOROTOLUENE			=	2410	UG/KG	630			
		CHLOROETHANE			=	2150	UG/KG	1300			
		CHLOROMETHANE			=	2220	UG/KG	1300			
		CARBON TETRACHLORIDE			=	2570	UG/KG	630			
		P-CYMENE (p-ISOPROPYLTOLUENE)			=	2280	UG/KG	630			
		DIBROMOCHLOROMETHANE			=	2860	UG/KG	630			
		1,2-DIBROMO-3-CHLOROPROPANE			=	2410	UG/KG	630			
		DIBROMOMETHANE			=	3060	UG/KG	630			
		1,1-DICHLOROETHANE			=	2690	UG/KG	630			
		1,2-DICHLOROETHANE			=	2990	UG/KG	630			
		1,2-DICHLOROBENZENE			=	2510	UG/KG	630			
		1,3-DICHLOROBENZENE			=	2390	UG/KG	630			
		1,4-DICHLOROBENZENE			=	2420	UG/KG	630			
1,1-DICHLOROETHENE	=	3130	UG/KG	630							
cis-1,2-DICHLOROETHYLENE	=	2840	UG/KG	630							
trans-1,2-DICHLOROETHENE	=	2690	UG/KG	630							
1,1-DICHLOROPROPENE	=	2980	UG/KG	630							
cis-1,3-DICHLOROPROPENE	=	3040	UG/KG	630							
trans-1,3-DICHLOROPROPENE	=	2820	UG/KG	630							
1,2-DICHLOROPROPANE	=	2670	UG/KG	630							
1,3-DICHLOROPROPANE	=	2770	UG/KG	630							
2,2-DICHLOROPROPANE	=	2640	UG/KG	630							
ETHYLBENZENE	=	2490	UG/KG	630							
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	2810	UG/KG	630							

**Holloman Air Force Base  
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Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/14/00	BS	SW8260	TRICHLOROFLUOROMETHANE	=	2940	UG/KG	1300	
					DICHLORODIFLUOROMETHANE	=	1810	UG/KG	1300	
					HEXACHLOROBUTADIENE	=	2030	UG/KG	630	
					2-HEXANONE	=	2930	UG/KG	1300	
					ISOPROPYLBENZENE (CUMENE)	=	2330	UG/KG	630	
					METHYL ETHYL KETONE (2-BUTANONE)	TR	5740	UG/KG	13000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	3240	UG/KG	1300	
					METHYLENE CHLORIDE	=	3060	UG/KG	630	
					NAPHTHALENE	=	2600	UG/KG	1300	
					n-PROPYLBENZENE	=	2340	UG/KG	630	
					1,1,2,2-TETRACHLOROETHANE	=	2820	UG/KG	630	
					TETRACHLOROETHYLENE(PCE)	=	2420	UG/KG	630	
					STYRENE	=	2550	UG/KG	630	
					BROMOFORM	=	2800	UG/KG	630	
					1,1,1,2-TETRACHLOROETHANE	=	2660	UG/KG	630	
					1,1,1-TRICHLOROETHANE	=	2570	UG/KG	630	
					1,1,2-TRICHLOROETHANE	=	2800	UG/KG	630	
					1,2,3-TRICHLOROBENZENE	=	2500	UG/KG	630	
					1,2,4-TRICHLOROBENZENE	=	2530	UG/KG	630	
					TRICHLOROETHYLENE (TCE)	=	2530	UG/KG	630	
					CHLOROFORM	=	2920	UG/KG	630	
					1,2,3-TRICHLOROPROPANE	=	2950	UG/KG	630	
					1,2,4-TRIMETHYLBENZENE	=	2350	UG/KG	630	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	2320	UG/KG	630	
					VINYL ACETATE	TR	1200	UG/KG	1300	
					VINYL CHLORIDE	=	1990	UG/KG	1300	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	630	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	2500	UG/KG	630	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	630	U
					ACETONE	TR	2600	UG/KG	10000	
					BROMODICHLOROMETHANE	=	2300	UG/KG	500	
					BROMOBENZENE	=	1900	UG/KG	500	
					BROMOCHLOROMETHANE	=	2500	UG/KG	500	
					BROMOMETHANE	=	2200	UG/KG	1000	
					n-BUTYLBENZENE	=	1900	UG/KG	500	
					SEC-BUTYLBENZENE	=	1800	UG/KG	500	
					t-BUTYLBENZENE	=	1900	UG/KG	500	
					BENZENE	=	2000	UG/KG	500	
					TOLUENE	=	2000	UG/KG	500	
					CARBON DISULFIDE	=	2100	UG/KG	500	
					2-CHLOROETHYL VINYL ETHER	=	2600	UG/KG	1000	
					CHLOROBENZENE	=	2000	UG/KG	500	
					2-CHLOROTOLUENE	=	2000	UG/KG	500	
					4-CHLOROTOLUENE	=	1900	UG/KG	500	
					CHLOROETHANE	=	1800	UG/KG	1000	
					CHLOROMETHANE	=	1700	UG/KG	1000	
					CARBON TETRACHLORIDE	=	2100	UG/KG	500	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	1900	UG/KG	500	
					DIBROMOCHLOROMETHANE	=	2200	UG/KG	500	
					1,2-DIBROMO-3-CHLOROPROPANE	=	1800	UG/KG	500	
					DIBROMOMETHANE	=	2400	UG/KG	500	
					1,1-DICHLOROETHANE	=	2200	UG/KG	500	

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/14/00	BS	SW8260	1,2-DICHLOROETHANE	=	2300	UG/KG	500	
					1,2-DICHLOROBENZENE	=	2000	UG/KG	500	
					1,3-DICHLOROBENZENE	=	2000	UG/KG	500	
					1,4-DICHLOROBENZENE	=	2000	UG/KG	500	
					1,1-DICHLOROETHENE	=	2600	UG/KG	500	
					cis-1,2-DICHLOROETHYLENE	=	2300	UG/KG	500	
					trans-1,2-DICHLOROETHENE	=	2200	UG/KG	500	
					1,1-DICHLOROPROPENE	=	2400	UG/KG	500	
					cis-1,3-DICHLOROPROPENE	=	2400	UG/KG	500	
					trans-1,3-DICHLOROPROPENE	=	2200	UG/KG	500	
					1,2-DICHLOROPROPANE	=	2100	UG/KG	500	
					1,3-DICHLOROPROPANE	=	2100	UG/KG	500	
					2,2-DICHLOROPROPANE	=	2200	UG/KG	500	
					ETHYLBENZENE	=	2000	UG/KG	500	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	2100	UG/KG	500	
					TRICHLOROFLUOROMETHANE	=	2400	UG/KG	1000	
					DICHLORODIFLUOROMETHANE	=	1400	UG/KG	1000	
					HEXACHLOROBUTADIENE	=	1700	UG/KG	500	
					2-HEXANONE	=	2000	UG/KG	1000	
					ISOPROPYLBENZENE (CUMENE)	=	1900	UG/KG	500	
		METHYL ETHYL KETONE (2-BUTANONE)			TR	4200	UG/KG	10000		
		METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)			=	2300	UG/KG	1000		
		METHYLENE CHLORIDE			=	2400	UG/KG	500		
		NAPHTHALENE			=	1800	UG/KG	1000		
		n-PROPYLBENZENE			=	1900	UG/KG	500		
		1,1,2,2-TETRACHLOROETHANE			=	2200	UG/KG	500		
		TETRACHLOROETHYLENE(PCE)			=	2000	UG/KG	500		
		STYRENE			=	2000	UG/KG	500		
		BROMOFORM			=	2100	UG/KG	500		
		1,1,1,2-TETRACHLOROETHANE			=	2100	UG/KG	500		
		1,1,1-TRICHLOROETHANE			=	2100	UG/KG	500		
		1,1,2-TRICHLOROETHANE			=	2200	UG/KG	500		
		1,2,3-TRICHLOROBENZENE			=	1900	UG/KG	500		
		1,2,4-TRICHLOROBENZENE			=	2000	UG/KG	500		
		TRICHLOROETHYLENE (TCE)			=	2000	UG/KG	500		
		CHLOROFORM			=	2400	UG/KG	500		
		1,2,3-TRICHLOROPROPANE			=	2200	UG/KG	500		
		1,2,4-TRIMETHYLBENZENE			=	1900	UG/KG	500		
		1,3,5-TRIMETHYLBENZENE (MESITYLENE)			=	1900	UG/KG	500		
		VINYL ACETATE			TR	780	UG/KG	1000		
		VINYL CHLORIDE			=	1500	UG/KG	1000		
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	500	U					
O-XYLENE (1,2-DIMETHYLBENZENE)	=	2000	UG/KG	500						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	500	U					
5/15/00	ACETONE	TR	3050	UG/KG	13000					
	BROMODICHLOROMETHANE	=	2940	UG/KG	630					
	BROMOBENZENE	=	2460	UG/KG	630					
	BROMOCHLOROMETHANE	=	2560	UG/KG	630					
	BROMOMETHANE	=	4110	UG/KG	1300					
	n-BUTYLBENZENE	=	2740	UG/KG	630					
	SEC-BUTYLBENZENE	=	2530	UG/KG	630					
	t-BUTYLBENZENE	=	2930	UG/KG	630					

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/15/00	BS	SW8260	BENZENE	=	2610	UG/KG	630	
					TOLUENE	=	2620	UG/KG	630	
					CARBON DISULFIDE	=	2350	UG/KG	630	
					2-CHLOROETHYL VINYL ETHER	=	2350	UG/KG	1300	
					CHLOROBENZENE	=	2620	UG/KG	630	
					2-CHLOROTOLUENE	=	2580	UG/KG	630	
					4-CHLOROTOLUENE	=	2720	UG/KG	630	
					CHLOROETHANE	=	3590	UG/KG	1300	
					CHLOROMETHANE	=	2870	UG/KG	1300	
					CARBON TETRACHLORIDE	=	3160	UG/KG	630	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	2620	UG/KG	630	
					DIBROMOCHLOROMETHANE	=	2540	UG/KG	630	
					1,2-DIBROMO-3-CHLOROPROPANE	=	1730	UG/KG	630	
					DIBROMOMETHANE	=	2660	UG/KG	630	
					1,1-DICHLOROETHANE	=	2640	UG/KG	630	
					1,2-DICHLOROETHANE	=	2960	UG/KG	630	
					1,2-DICHLOROBENZENE	=	2320	UG/KG	630	
					1,3-DICHLOROBENZENE	=	2420	UG/KG	630	
					1,4-DICHLOROBENZENE	=	2380	UG/KG	630	
					1,1-DICHLOROETHENE	=	2590	UG/KG	630	
					cis-1,2-DICHLOROETHYLENE	=	2560	UG/KG	630	
					trans-1,2-DICHLOROETHENE	=	2720	UG/KG	630	
					1,1-DICHLOROPROPENE	=	3190	UG/KG	630	
					cis-1,3-DICHLOROPROPENE	=	3040	UG/KG	630	
					trans-1,3-DICHLOROPROPENE	=	2630	UG/KG	630	
					1,2-DICHLOROPROPANE	=	2560	UG/KG	630	
					1,3-DICHLOROPROPANE	=	2430	UG/KG	630	
					2,2-DICHLOROPROPANE	=	2950	UG/KG	630	
					ETHYLBENZENE	=	2830	UG/KG	630	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	2380	UG/KG	630	
					TRICHLOROFLUOROMETHANE	=	3670	UG/KG	1300	
					DICHLORODIFLUOROMETHANE	=	2190	UG/KG	1300	
					HEXACHLOROBUTADIENE	=	2290	UG/KG	630	
					2-HEXANONE	=	2080	UG/KG	1300	
					ISOPROPYLBENZENE (CUMENE)	=	2740	UG/KG	630	
					METHYL ETHYL KETONE (2-BUTANONE)	TR	3850	UG/KG	13000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	2380	UG/KG	1300	
					METHYLENE CHLORIDE	=	2460	UG/KG	630	
					NAPHTHALENE	=	1980	UG/KG	1300	
					n-PROPYLBENZENE	=	2710	UG/KG	630	
					1,1,2,2-TETRACHLOROETHANE	=	1890	UG/KG	630	
					TETRACHLOROETHYLENE(PCE)	=	2660	UG/KG	630	
					STYRENE	=	2740	UG/KG	630	
					BROMOFORM	=	2340	UG/KG	630	
					1,1,1,2-TETRACHLOROETHANE	=	2850	UG/KG	630	
					1,1,1-TRICHLOROETHANE	=	2990	UG/KG	630	
					1,1,2-TRICHLOROETHANE	=	2420	UG/KG	630	
					1,2,3-TRICHLOROBENZENE	=	1950	UG/KG	630	
					1,2,4-TRICHLOROBENZENE	=	2250	UG/KG	630	
					TRICHLOROETHYLENE (TCE)	=	2680	UG/KG	630	
					CHLOROFORM	=	2860	UG/KG	630	
					1,2,3-TRICHLOROPROPANE	=	2310	UG/KG	630	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/15/00	BS	SW8260	1,2,4-TRIMETHYLBENZENE	=	2680	UG/KG	630	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	2720	UG/KG	630	
					VINYL ACETATE	TR	619	UG/KG	1300	
					VINYL CHLORIDE	=	2740	UG/KG	1300	
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	5750	UG/KG	630	
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	2810	UG/KG	630	
		P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	630	U			
		5/16/00	M8015D	PETROLEUM HYDROCARBONS	=	898	UG/L	500		
		5/17/00	E418.1	PETROLEUM HYDROCARBONS	=	254	MG/KG	25		
		5/18/00	M8015D	PETROLEUM HYDROCARBONS	=	840	UG/L	500		
		5/19/00	SW8260	BENZENE	=	2.08	MG/KG	0.2		
		TOLUENE		=	2.15	MG/KG	0.5			
	ETHYLBENZENE	=		2.2	MG/KG	0.3				
	O-XYLENE (1,2-DIMETHYLBENZENE)	=		2.2	MG/KG	0.5				
	5/22/00	ACETONE		TR	2720	UG/KG	10000			
	BROMODICHLOROMETHANE	=		2340	UG/KG	500				
	BROMOBENZENE	=		1910	UG/KG	500				
	BROMOCHLOROMETHANE	=		2430	UG/KG	500				
	BROMOMETHANE	=		2040	UG/KG	1000				
	n-BUTYLBENZENE	=		1870	UG/KG	500				
	SEC-BUTYLBENZENE	=		1750	UG/KG	500				
	t-BUTYLBENZENE	=		1840	UG/KG	500				
	BENZENE	=		1900	UG/KG	500				
	TOLUENE	=		1920	UG/KG	500				
	CARBON DISULFIDE	=		1900	UG/KG	500				
	2-CHLOROETHYL VINYL ETHER	=		2690	UG/KG	1000				
	CHLOROBENZENE	=		2010	UG/KG	500				
	2-CHLOROTOLUENE	=		1930	UG/KG	500				
	4-CHLOROTOLUENE	=	1810	UG/KG	500					
	CHLOROETHANE	=	1650	UG/KG	1000					
	CHLOROMETHANE	=	1490	UG/KG	1000					
	CARBON TETRACHLORIDE	=	1790	UG/KG	500					
	P-CYMENE (p-ISOPROPYLTOLUENE)	=	1840	UG/KG	500					
	DIBROMOCHLOROMETHANE	=	2200	UG/KG	500					
	1,2-DIBROMO-3-CHLOROPROPANE	=	1980	UG/KG	500					
	DIBROMOMETHANE	=	2390	UG/KG	500					
	1,1-DICHLOROETHANE	=	1890	UG/KG	500					
	1,2-DICHLOROETHANE	=	2190	UG/KG	500					
	1,2-DICHLOROBENZENE	=	1990	UG/KG	500					
	1,3-DICHLOROBENZENE	=	1920	UG/KG	500					
	1,4-DICHLOROBENZENE	=	1940	UG/KG	500					
	1,1-DICHLOROETHENE	=	2110	UG/KG	500					
cis-1,2-DICHLOROETHYLENE	=	2100	UG/KG	500						
trans-1,2-DICHLOROETHENE	=	1750	UG/KG	500						
1,1-DICHLOROPROPENE	=	2170	UG/KG	500						
cis-1,3-DICHLOROPROPENE	=	2490	UG/KG	500						
trans-1,3-DICHLOROPROPENE	=	2240	UG/KG	500						
1,2-DICHLOROPROPANE	=	2090	UG/KG	500						
1,3-DICHLOROPROPANE	=	2200	UG/KG	500						
2,2-DICHLOROPROPANE	=	1790	UG/KG	500						
ETHYLBENZENE	=	2030	UG/KG	500						
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	2180	UG/KG	500						

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/22/00	BS	SW8260	TRICHLOROFLUOROMETHANE	=	1860	UG/KG	1000	
					DICHLORODIFLUOROMETHANE	TR	936	UG/KG	1000	
					HEXACHLOROBUTADIENE	=	1670	UG/KG	500	
					2-HEXANONE	=	2300	UG/KG	1000	
					ISOPROPYLBENZENE (CUMENE)	=	1860	UG/KG	500	
					METHYL ETHYL KETONE (2-BUTANONE)	TR	4530	UG/KG	10000	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	2580	UG/KG	1000	
					METHYLENE CHLORIDE	=	2420	UG/KG	500	
					NAPHTHALENE	=	2150	UG/KG	1000	
					n-PROPYLBENZENE	=	1880	UG/KG	500	
					1,1,2,2-TETRACHLOROETHANE	=	2230	UG/KG	500	
					TETRACHLOROETHYLENE(PCE)	=	1960	UG/KG	500	
					STYRENE	=	2050	UG/KG	500	
					BROMOFORM	=	2190	UG/KG	500	
					1,1,1,2-TETRACHLOROETHANE	=	2110	UG/KG	500	
					1,1,1-TRICHLOROETHANE	=	1800	UG/KG	500	
					1,1,2-TRICHLOROETHANE	=	2210	UG/KG	500	
					1,2,3-TRICHLOROBENZENE	=	2070	UG/KG	500	
					1,2,4-TRICHLOROBENZENE	=	2060	UG/KG	500	
					TRICHLOROETHYLENE (TCE)	=	1960	UG/KG	500	
					CHLOROFORM	=	2140	UG/KG	500	
					1,2,3-TRICHLOROPROPANE	=	2290	UG/KG	500	
					1,2,4-TRIMETHYLBENZENE	=	1890	UG/KG	500	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	1850	UG/KG	500	
					VINYL ACETATE	TR	906	UG/KG	1000	
					VINYL CHLORIDE	=	1390	UG/KG	1000	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/KG	500	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	2020	UG/KG	500	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/KG	500	U
					ACETONE	TR	18.2	UG/L	100	
					BROMODICHLOROMETHANE	=	23.9	UG/L	5	
					BROMOBENZENE	=	19.4	UG/L	5	
					BROMOCHLOROMETHANE	=	20.7	UG/L	5	
					BROMOMETHANE	=	27	UG/L	10	
					n-BUTYLBENZENE	=	23.5	UG/L	5	
					SEC-BUTYLBENZENE	=	20.5	UG/L	5	
					t-BUTYLBENZENE	=	20.8	UG/L	5	
					BENZENE	=	18.8	UG/L	5	
					TOLUENE	=	19.9	UG/L	5	
					CARBON DISULFIDE	=	17.8	UG/L	5	
					2-CHLOROETHYL VINYL ETHER	=	24.9	UG/L	10	
					CHLOROBENZENE	=	20.6	UG/L	5	
					2-CHLOROTOLUENE	=	20.6	UG/L	5	
					4-CHLOROTOLUENE	=	21.7	UG/L	5	
					CHLOROETHANE	=	23.4	UG/L	10	
					CHLOROMETHANE	=	18.1	UG/L	10	
					CARBON TETRACHLORIDE	=	26.3	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	21.4	UG/L	5	
					DIBROMOCHLOROMETHANE	=	24.6	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	=	18.4	UG/L	5	
					DIBROMOMETHANE	=	22	UG/L	5	
					1,1-DICHLOROETHANE	=	22.1	UG/L	5	

**Holloman Air Force Base  
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Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/22/00	BS	SW8260	1,2-DICHLOROETHANE	=	24.5	UG/L	5	
					1,2-DICHLOROBENZENE	=	19.9	UG/L	5	
					1,3-DICHLOROBENZENE	=	20	UG/L	5	
					1,4-DICHLOROBENZENE	=	20.1	UG/L	5	
					1,1-DICHLOROETHENE	=	20.7	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	=	19.9	UG/L	5	
					trans-1,2-DICHLOROETHENE	=	21.3	UG/L	5	
					1,1-DICHLOROPROPENE	=	25.5	UG/L	5	
					cis-1,3-DICHLOROPROPENE	=	24.2	UG/L	5	
					trans-1,3-DICHLOROPROPENE	=	25.4	UG/L	5	
					1,2-DICHLOROPROPANE	=	19.5	UG/L	5	
					1,3-DICHLOROPROPANE	=	22.1	UG/L	5	
					2,2-DICHLOROPROPANE	=	26.3	UG/L	5	
					ETHYLBENZENE	=	20.4	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	21.8	UG/L	5	
					TRICHLOROFLUOROMETHANE	=	23.5	UG/L	10	
					DICHLORODIFLUOROMETHANE	=	16.3	UG/L	10	
					HEXACHLOROBUTADIENE	=	20.1	UG/L	5	
					2-HEXANONE	=	17.4	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	=	21.5	UG/L	5	
		METHYL ETHYL KETONE (2-BUTANONE)			TR	18.9	UG/L	100		
		METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)			=	13.4	UG/L	10		
		METHYLENE CHLORIDE			=	20	UG/L	5		
		NAPHTHALENE			=	19.6	UG/L	10		
		n-PROPYLBENZENE			=	20.9	UG/L	5		
		1,1,2,2-TETRACHLOROETHANE			=	20.2	UG/L	5		
		TETRACHLOROETHYLENE(PCE)			=	20.4	UG/L	5		
		STYRENE			=	21.7	UG/L	5		
		BROMOFORM			=	20.9	UG/L	5		
		1,1,1,2-TETRACHLOROETHANE			=	25.1	UG/L	5		
		1,1,1-TRICHLOROETHANE			=	24.4	UG/L	5		
		1,1,2-TRICHLOROETHANE			=	21.4	UG/L	5		
		1,2,3-TRICHLOROBENZENE			=	17.8	UG/L	5		
		1,2,4-TRICHLOROBENZENE			=	19.8	UG/L	5		
		TRICHLOROETHYLENE (TCE)			=	19.4	UG/L	5		
		CHLOROFORM			=	23.3	UG/L	5		
		1,2,3-TRICHLOROPROPANE			=	21.7	UG/L	5		
		1,2,4-TRIMETHYLBENZENE			=	22.1	UG/L	5		
		1,3,5-TRIMETHYLBENZENE (MESITYLENE)			=	21.5	UG/L	5		
		VINYL ACETATE			TR	7.35	UG/L	10		
		VINYL CHLORIDE			=	31.2	UG/L	10		
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
O-XYLENE (1,2-DIMETHYLBENZENE)	=	21.2	UG/L	5						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
5/23/00					ACETONE	TR	17.1	UG/L	100	
					BROMODICHLOROMETHANE	=	20.8	UG/L	5	
					BROMOBENZENE	=	19.1	UG/L	5	
					BROMOCHLOROMETHANE	=	20.6	UG/L	5	
					BROMOMETHANE	=	22.3	UG/L	10	
					n-BUTYLBENZENE	=	18.6	UG/L	5	
					SEC-BUTYLBENZENE	=	17.7	UG/L	5	
					t-BUTYLBENZENE	=	18.3	UG/L	5	

**Holloman Air Force Base  
SS61 Phase II RI  
Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/23/00	BS	SW8260	BENZENE	=	19.2	UG/L	5	
					TOLUENE	=	19.3	UG/L	5	
					CARBON DISULFIDE	=	20	UG/L	5	
					2-CHLOROETHYL VINYL ETHER	=	14.6	UG/L	10	
					CHLOROBENZENE	=	19.6	UG/L	5	
					2-CHLOROTOLUENE	=	18.1	UG/L	5	
					4-CHLOROTOLUENE	=	19.7	UG/L	5	
					CHLOROETHANE	=	17.8	UG/L	10	
					CHLOROMETHANE	=	17.4	UG/L	10	
					CARBON TETRACHLORIDE	=	18.6	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	18.5	UG/L	5	
					DIBROMOCHLOROMETHANE	=	21	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	=	17	UG/L	5	
					DIBROMOMETHANE	=	19.6	UG/L	5	
					1,1-DICHLOROETHANE	=	17	UG/L	5	
					1,2-DICHLOROETHANE	=	18.4	UG/L	5	
					1,2-DICHLOROBENZENE	=	19.3	UG/L	5	
					1,3-DICHLOROBENZENE	=	18.8	UG/L	5	
					1,4-DICHLOROBENZENE	=	18.8	UG/L	5	
					1,1-DICHLOROETHENE	=	20.1	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	=	18.3	UG/L	5	
					trans-1,2-DICHLOROETHENE	=	16.4	UG/L	5	
					1,1-DICHLOROPROPENE	=	21.7	UG/L	5	
					cis-1,3-DICHLOROPROPENE	=	22.4	UG/L	5	
					trans-1,3-DICHLOROPROPENE	=	20.6	UG/L	5	
					1,2-DICHLOROPROPANE	=	19.4	UG/L	5	
					1,3-DICHLOROPROPANE	=	20.1	UG/L	5	
					2,2-DICHLOROPROPANE	=	18.2	UG/L	5	
					ETHYLBENZENE	=	19.3	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	20.4	UG/L	5	
					TRICHLOROFLUOROMETHANE	=	19.5	UG/L	10	
					DICHLORODIFLUOROMETHANE	=	13.5	UG/L	10	
					HEXACHLOROBUTADIENE	=	16.7	UG/L	5	
					2-HEXANONE	=	20.1	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	=	18.3	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	TR	20.2	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	22.7	UG/L	10	
					METHYLENE CHLORIDE	=	21.4	UG/L	5	
					NAPHTHALENE	=	19.5	UG/L	10	
					n-PROPYLBENZENE	=	19.2	UG/L	5	
					1,1,2-TETRACHLOROETHANE	=	21.4	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	=	19	UG/L	5	
STYRENE	=	19.7	UG/L	5						
BROMOFORM	=	20.6	UG/L	5						
1,1,1,2-TETRACHLOROETHANE	=	20.4	UG/L	5						
1,1,1-TRICHLOROETHANE	=	18.5	UG/L	5						
1,1,2-TRICHLOROETHANE	=	20.6	UG/L	5						
1,2,3-TRICHLOROBENZENE	=	19.2	UG/L	5						
1,2,4-TRICHLOROBENZENE	=	19.3	UG/L	5						
TRICHLOROETHYLENE (TCE)	=	19	UG/L	5						
CHLOROFORM	=	18.4	UG/L	5						
1,2,3-TRICHLOROPROPANE	=	21.9	UG/L	5						

**Holloman Air Force Base  
SS61 Phase II RI  
Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/23/00	BS	SW8260	1,2,4-TRIMETHYLBENZENE	=	19	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	18.7	UG/L	5	
					VINYL ACETATE	TR	7.35	UG/L	10	
					VINYL CHLORIDE	=	17.9	UG/L	10	
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	38.5	UG/L	5	
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	19.6	UG/L	5	
					P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					ACETONE	TR	18.6	UG/L	100	
					BROMODICHLOROMETHANE	=	24.7	UG/L	5	
					BROMOBENZENE	=	18.9	UG/L	5	
					BROMOCHLOROMETHANE	=	21.5	UG/L	5	
					BROMOMETHANE	=	30.8	UG/L	10	
					n-BUTYLBENZENE	=	20.4	UG/L	5	
					SEC-BUTYLBENZENE	=	18.9	UG/L	5	
					t-BUTYLBENZENE	=	20.5	UG/L	5	
					BENZENE	=	20.8	UG/L	5	
					TOLUENE	=	21	UG/L	5	
					CARBON DISULFIDE	=	18.8	UG/L	5	
					2-CHLOROETHYL VINYL ETHER	=	15.8	UG/L	10	
					CHLOROBENZENE	=	20.5	UG/L	5	
					2-CHLOROTOLUENE	=	20.3	UG/L	5	
					4-CHLOROTOLUENE	=	20.2	UG/L	5	
					CHLOROETHANE	=	29.4	UG/L	10	
					CHLOROMETHANE	=	23.9	UG/L	10	
					CARBON TETRACHLORIDE	=	25.6	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	19.8	UG/L	5	
					DIBROMOCHLOROMETHANE	=	21.3	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	=	14.4	UG/L	5	
					DIBROMOMETHANE	=	21.9	UG/L	5	
					1,1-DICHLOROETHANE	=	22.1	UG/L	5	
					1,2-DICHLOROETHANE	=	24.5	UG/L	5	
					1,2-DICHLOROBENZENE	=	18	UG/L	5	
					1,3-DICHLOROBENZENE	=	18.7	UG/L	5	
					1,4-DICHLOROBENZENE	=	18.2	UG/L	5	
					1,1-DICHLOROETHENE	=	20.9	UG/L	5	
					cis-1,2-DICHLOROETHYLENE	=	20.4	UG/L	5	
					trans-1,2-DICHLOROETHENE	=	22.1	UG/L	5	
					1,1-DICHLOROPROPENE	=	26.1	UG/L	5	
					cis-1,3-DICHLOROPROPENE	=	25.2	UG/L	5	
					trans-1,3-DICHLOROPROPENE	=	22.1	UG/L	5	
					1,2-DICHLOROPROPANE	=	20.7	UG/L	5	
					1,3-DICHLOROPROPANE	=	19.7	UG/L	5	
					2,2-DICHLOROPROPANE	=	24.3	UG/L	5	
					ETHYLBENZENE	=	21.5	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	19.4	UG/L	5	
TRICHLOROFLUOROMETHANE	=	30.1	UG/L	10						
DICHLORODIFLUOROMETHANE	=	16.7	UG/L	10						
HEXACHLOROBUTADIENE	=	17.2	UG/L	5						
2-HEXANONE	=	16.6	UG/L	10						
ISOPROPYLBENZENE (CUMENE)	=	21	UG/L	5						
METHYL ETHYL KETONE (2-BUTANONE)	TR	16.9	UG/L	100						
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	19.3	UG/L	10						

**Holloman Air Force Base  
SS61 Phase II RI  
Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/23/00	BS	SW8260	METHYLENE CHLORIDE	=	20.2	UG/L	5	
					NAPHTHALENE	=	17.5	UG/L	10	
					n-PROPYLBENZENE	=	20.3	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	=	14.5	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	=	21.1	UG/L	5	
					STYRENE	=	21	UG/L	5	
					BROMOFORM	=	19	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	=	23.1	UG/L	5	
					1,1,1-TRICHLOROETHANE	=	24.6	UG/L	5	
					1,1,2-TRICHLOROETHANE	=	19.3	UG/L	5	
					1,2,3-TRICHLOROBENZENE	=	15.6	UG/L	5	
					1,2,4-TRICHLOROBENZENE	=	18	UG/L	5	
					TRICHLOROETHYLENE (TCE)	=	21.7	UG/L	5	
					CHLOROFORM	=	23.7	UG/L	5	
					1,2,3-TRICHLOROPROPANE	=	17.5	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	=	20.6	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	20.9	UG/L	5	
					VINYL ACETATE	TR	5.96	UG/L	10	
					VINYL CHLORIDE	=	26.2	UG/L	10	
					M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	21.4	UG/L	5	
		P-XYLENE (1,4-DIMETHYLBENZENE)			ND	0	UG/L	5	U	
		5/24/00			ACETONE	TR	17.5	UG/L	100	
					BROMODICHLOROMETHANE	=	22.5	UG/L	5	
					BROMOBENZENE	=	19.7	UG/L	5	
					BROMOCHLOROMETHANE	=	22.3	UG/L	5	
					BROMOMETHANE	=	22.4	UG/L	10	
					n-BUTYLBENZENE	=	18.8	UG/L	5	
					SEC-BUTYLBENZENE	=	18.1	UG/L	5	
					t-BUTYLBENZENE	=	19	UG/L	5	
					BENZENE	=	20.8	UG/L	5	
					TOLUENE	=	19.2	UG/L	5	
					CARBON DISULFIDE	=	20.7	UG/L	5	
					2-CHLOROETHYL VINYL ETHER	=	14.5	UG/L	10	
					CHLOROBENZENE	=	20.4	UG/L	5	
					2-CHLOROTOLUENE	=	20.6	UG/L	5	
					4-CHLOROTOLUENE	=	19	UG/L	5	
					CHLOROETHANE	=	20.4	UG/L	10	
					CHLOROMETHANE	=	22.1	UG/L	10	
					CARBON TETRACHLORIDE	=	20.2	UG/L	5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	18.8	UG/L	5	
					DIBROMOCHLOROMETHANE	=	22.6	UG/L	5	
1,2-DIBROMO-3-CHLOROPROPANE	=		18.2	UG/L	5					
DIBROMOMETHANE	=	21.4	UG/L	5						
1,1-DICHLOROETHANE	=	19.4	UG/L	5						
1,2-DICHLOROETHANE	=	20.5	UG/L	5						
1,2-DICHLOROBENZENE	=	20.2	UG/L	5						
1,3-DICHLOROBENZENE	=	19.5	UG/L	5						
1,4-DICHLOROBENZENE	=	19.7	UG/L	5						
1,1-DICHLOROETHENE	=	22.4	UG/L	5						
cis-1,2-DICHLOROETHYLENE	=	19.6	UG/L	5						
trans-1,2-DICHLOROETHENE	=	18	UG/L	5						

**Holloman Air Force Base  
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Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	5/24/00	BS	SW8260	1,1-DICHLOROPROPENE	=	24.1	UG/L	5	
					cis-1,3-DICHLOROPROPENE	=	24.3	UG/L	5	
					trans-1,3-DICHLOROPROPENE	=	21.7	UG/L	5	
					1,2-DICHLOROPROPANE	=	21.2	UG/L	5	
					1,3-DICHLOROPROPANE	=	21.2	UG/L	5	
					2,2-DICHLOROPROPANE	=	19.6	UG/L	5	
					ETHYLBENZENE	=	19.6	UG/L	5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	21.4	UG/L	5	
					TRICHLOROFLUOROMETHANE	=	22.3	UG/L	10	
					DICHLORODIFLUOROMETHANE	=	20.2	UG/L	10	
					HEXACHLOROBTADIENE	=	16.1	UG/L	5	
					2-HEXANONE	=	21.8	UG/L	10	
					ISOPROPYLBENZENE (CUMENE)	=	18.7	UG/L	5	
					METHYL ETHYL KETONE (2-BUTANONE)	TR	21.5	UG/L	100	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	25.9	UG/L	10	
					METHYLENE CHLORIDE	=	23.8	UG/L	5	
					NAPHTHALENE	=	20.9	UG/L	10	
					n-PROPYLBENZENE	=	19.5	UG/L	5	
					1,1,2,2-TETRACHLOROETHANE	=	24.3	UG/L	5	
					TETRACHLOROETHYLENE(PCE)	=	18.8	UG/L	5	
					STYRENE	=	20.6	UG/L	5	
					BROMOFORM	=	22	UG/L	5	
					1,1,1,2-TETRACHLOROETHANE	=	21.5	UG/L	5	
					1,1,1-TRICHLOROETHANE	=	19.4	UG/L	5	
					1,1,2-TRICHLOROETHANE	=	21.1	UG/L	5	
					1,2,3-TRICHLOROETHANE	=	19.3	UG/L	5	
					1,2,4-TRICHLOROETHANE	=	19.7	UG/L	5	
					TRICHLOROETHYLENE (TCE)	=	20.3	UG/L	5	
					CHLOROFORM	=	20.2	UG/L	5	
					1,2,3-TRICHLOROPROPANE	=	24	UG/L	5	
					1,2,4-TRIMETHYLBENZENE	=	19.3	UG/L	5	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	19.4	UG/L	5	
					VINYL ACETATE	TR	6.07	UG/L	10	
VINYL CHLORIDE	=	23.4	UG/L	10						
M-XYLENE (1,3-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
O-XYLENE (1,2-DIMETHYLBENZENE)	=	20.2	UG/L	5						
P-XYLENE (1,4-DIMETHYLBENZENE)	ND	0	UG/L	5	U					
	6/27/00		M8015D		PETROLEUM HYDROCARBONS	=	900	UG/L	500	
	7/4/00		SW8260		ACETONE	=	30.8	UG/L	10	
					ACRYLONITRILE	ND	0	UG/L	10	U
					BROMODICHLOROMETHANE	=	19.8	UG/L	1	
					BROMOBENZENE	=	19.5	UG/L	1	
					BROMOCHLOROMETHANE	=	21.3	UG/L	1	
					BROMOMETHANE	=	25.5	UG/L	2	
					n-BUTYLBENZENE	=	20.2	UG/L	1	
					SEC-BUTYLBENZENE	=	18.7	UG/L	1	
					t-BUTYLBENZENE	=	19.1	UG/L	1	
					BENZENE	=	20.9	UG/L	0.5	
					TOLUENE	=	19.7	UG/L	0.5	
					CARBON DISULFIDE	=	18.9	UG/L	1	
					2-CHLOROETHYL VINYL ETHER	=	19.1	UG/L	5	
					CHLOROETHYLENE	=	20.1	UG/L	1	

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SS61 Phase II RI  
Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/4/00	BS	SW8260	2-CHLOROTOLUENE	=	19.8	UG/L	2	
					4-CHLOROTOLUENE	=	19.8	UG/L	2	
					CHLOROETHANE	=	21.8	UG/L	2	
					CHLOROMETHANE	=	23.2	UG/L	2	
					CARBON TETRACHLORIDE	=	21.4	UG/L	0.5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	19.2	UG/L	2	
					DIBROMOCHLOROMETHANE	=	20.6	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	=	21.2	UG/L	2	
					DIBROMOMETHANE	=	20.2	UG/L	1	
					1,1-DICHLOROETHANE	=	23.4	UG/L	0.5	
					1,2-DICHLOROETHANE	=	21.4	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	U
					1,2-DICHLOROBENZENE	=	20.5	UG/L	1	
					1,3-DICHLOROBENZENE	=	19.9	UG/L	1	
					1,4-DICHLOROBENZENE	=	19.8	UG/L	1	
					1,1-DICHLOROETHENE	=	24.3	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	=	20.8	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	=	23.7	UG/L	0.5	
					1,1-DICHLOROPROPENE	=	25.6	UG/L	1	
					cis-1,3-DICHLOROPROPENE	=	22.1	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	=	20.6	UG/L	0.5	
					1,2-DICHLOROPROPANE	=	21.9	UG/L	0.5	
					1,3-DICHLOROPROPANE	=	20.5	UG/L	2	
					2,2-DICHLOROPROPANE	=	20.6	UG/L	1	
					ETHYLBENZENE	=	19.8	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	20.3	UG/L	1	
					TRICHLOROFLUOROMETHANE	=	21.8	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	U
					DICHLORODIFLUOROMETHANE	=	23	UG/L	2	
					HEXACHLOROBUTADIENE	=	17.4	UG/L	5	
					2-HEXANONE	=	22.6	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	=	36.9	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	=	18.7	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	=	28.2	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	23.1	UG/L	10	
					METHYLENE CHLORIDE	=	24.5	UG/L	2	
					NAPHTHALENE	=	22.4	UG/L	2	
					n-PROPYLBENZENE	=	19.8	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	=	22	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	=	18.4	UG/L	0.5	
					STYRENE	=	20.1	UG/L	1	
					BROMOFORM	=	19	UG/L	1	
					tert-BUTYL METHYL ETHER	=	24	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	=	20.1	UG/L	1	
					1,1,1-TRICHLOROETHANE	=	20.7	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	=	21.2	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	=	19	UG/L	2	
					1,2,4-TRICHLOROBENZENE	=	20	UG/L	2	
					TRICHLOROETHYLENE (TCE)	=	20.5	UG/L	0.5	
					CHLOROFORM	=	20.5	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	=	22.3	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	=	20.2	UG/L	2	

**Holloman Air Force Base  
SS61 Phase II RI  
Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/4/00	BS	SW8260	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	19.6	UG/L	2	
					VINYL ACETATE	TR	4.16	UG/L	10	
					VINYL CHLORIDE	=	26.5	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	40.2	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	20.1	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	=	40.2	UG/L	1	
					ACETONE	=	20.8	UG/L		
					ACRYLONITRILE	ND	0	UG/L		U
					BROMODICHLOROMETHANE	=	22.1	UG/L		
					BROMOBENZENE	=	20.3	UG/L		
					BROMOCHLOROMETHANE	=	21	UG/L		
					BROMOMETHANE	=	23.5	UG/L		
					n-BUTYLBENZENE	=	24.2	UG/L		
					SEC-BUTYLBENZENE	=	21.6	UG/L		
					t-BUTYLBENZENE	=	21.9	UG/L		
					BENZENE	=	20.4	UG/L		
					TOLUENE	=	21.8	UG/L		
					CARBON DISULFIDE	=	17.2	UG/L		
					2-CHLOROETHYL VINYL ETHER	=	19.1	UG/L		
					CHLOROBENZENE	=	19.9	UG/L		
					2-CHLOROTOLUENE	=	21	UG/L		
					4-CHLOROTOLUENE	=	21.6	UG/L		
					CHLOROETHANE	=	22.1	UG/L		
					CHLOROMETHANE	=	26.2	UG/L		
					CARBON TETRACHLORIDE	=	23.7	UG/L		
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	20.7	UG/L		
					DIBROMOCHLOROMETHANE	=	21.1	UG/L		
					1,2-DIBROMO-3-CHLOROPROPANE	=	17.2	UG/L		
					DIBROMOMETHANE	=	21.5	UG/L		
					1,1-DICHLOROETHANE	=	20.3	UG/L		
					1,2-DICHLOROETHANE	=	21.9	UG/L		
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L		U
					1,2-DICHLOROBENZENE	=	21.5	UG/L		
					1,3-DICHLOROBENZENE	=	20.1	UG/L		
					1,4-DICHLOROBENZENE	=	20.7	UG/L		
					1,1-DICHLOROETHENE	=	21.9	UG/L		
					cis-1,2-DICHLOROETHYLENE	=	21.5	UG/L		
					trans-1,2-DICHLOROETHENE	=	22.4	UG/L		
					1,1-DICHLOROPROPENE	=	24.9	UG/L		
					cis-1,3-DICHLOROPROPENE	=	22.2	UG/L		
					trans-1,3-DICHLOROPROPENE	=	21.7	UG/L		
					1,2-DICHLOROPROPANE	=	20.5	UG/L		
					1,3-DICHLOROPROPANE	=	21.5	UG/L		
					2,2-DICHLOROPROPANE	=	21.2	UG/L		
					ETHYLBENZENE	=	21.5	UG/L		
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	21.4	UG/L		
					TRICHLOROFLUOROMETHANE	=	22.1	UG/L		
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L		U
					DICHLORODIFLUOROMETHANE	=	25.5	UG/L		
					HEXACHLOROBUTADIENE	=	23.7	UG/L		
					2-HEXANONE	=	20.1	UG/L		
					IODOMETHANE (METHYL IODIDE)	=	28.8	UG/L		

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SS61 Phase II RI  
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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/4/00	BS	SW8260	ISOPROPYLBENZENE (CUMENE)	=	19.5	UG/L		
					METHYL ETHYL KETONE (2-BUTANONE)	=	20.4	UG/L		
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	21.3	UG/L		
					METHYLENE CHLORIDE	=	19.5	UG/L		
					NAPHTHALENE	=	18.4	UG/L		
					n-PROPYLBENZENE	ND	0	UG/L		U
					1,1,2-TETRACHLOROETHANE	=	20	UG/L		
					TETRACHLOROETHYLENE(PCE)	=	21.1	UG/L		
					STYRENE	=	21.8	UG/L		
					BROMOFORM	=	20.8	UG/L		
					tert-BUTYL METHYL ETHER	=	20.2	UG/L		
					1,1,1,2-TETRACHLOROETHANE	=	20.2	UG/L		
					1,1,1-TRICHLOROETHANE	=	21.1	UG/L		
					1,1,2-TRICHLOROETHANE	=	21.2	UG/L		
					1,2,3-TRICHLOROBENZENE	=	22.5	UG/L		
					1,2,4-TRICHLOROBENZENE	=	20.5	UG/L		
					TRICHLOROETHYLENE (TCE)	=	21.4	UG/L		
					CHLOROFORM	=	21.3	UG/L		
		1,2,3-TRICHLOROPROPANE			=	22	UG/L			
		1,2,4-TRIMETHYLBENZENE			=	21.6	UG/L			
		1,3,5-TRIMETHYLBENZENE (MESITYLENE)			=	23.1	UG/L			
		VINYL ACETATE			=	2.19	UG/L		10	
		VINYL CHLORIDE			=	23.1	UG/L			
		M-XYLENE (1,3-DIMETHYLBENZENE)			=	43.6	UG/L			
		O-XYLENE (1,2-DIMETHYLBENZENE)			=	20.5	UG/L			
		P-XYLENE (1,4-DIMETHYLBENZENE)			=	43.6	UG/L			
		7/5/00			ACETONE	=	21.2	UG/L		
					ACRYLONITRILE	ND	0	UG/L		U
					BROMODICHLOROMETHANE	=	22.6	UG/L		
					BROMOBENZENE	=	20.6	UG/L		
					BROMOCHLOROMETHANE	=	21.4	UG/L		
					BROMOMETHANE	=	24.1	UG/L		
					n-BUTYLBENZENE	=	24.9	UG/L		
					SEC-BUTYLBENZENE	=	22.4	UG/L		
					t-BUTYLBENZENE	=	22.1	UG/L		
					BENZENE	=	20.9	UG/L		
					TOLUENE	=	22	UG/L		
					CARBON DISULFIDE	=	17.9	UG/L		
					2-CHLOROETHYL VINYL ETHER	=	19.8	UG/L		
					CHLOROBENZENE	=	20.1	UG/L		
					2-CHLOROTOLUENE	=	21.6	UG/L		
					4-CHLOROTOLUENE	=	21.3	UG/L		
CHLOROETHANE	=		22.4	UG/L						
CHLOROMETHANE	=		26.3	UG/L						
CARBON TETRACHLORIDE	=		25.1	UG/L						
P-CYMENE (p-ISOPROPYLTOLUENE)	=		21.2	UG/L						
DIBROMOCHLOROMETHANE	=		21.4	UG/L						
1,2-DIBROMO-3-CHLOROPROPANE	=		18	UG/L						
DIBROMOMETHANE	=		22.2	UG/L						
1,1-DICHLOROETHANE	=		20.8	UG/L						
1,2-DICHLOROETHANE	=	22.5	UG/L							
trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L		U					

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual		
LABQC	0	7/5/00	BS	SW8260	1,2-DICHLOROBENZENE	=	21.9	UG/L				
					1,3-DICHLOROBENZENE	=	20.3	UG/L				
					1,4-DICHLOROBENZENE	=	21	UG/L				
					1,1-DICHLOROETHENE	=	23.2	UG/L				
					cis-1,2-DICHLOROETHYLENE	=	22.1	UG/L				
					trans-1,2-DICHLOROETHENE	=	23.5	UG/L				
					1,1-DICHLOROPROPENE	=	26.4	UG/L				
					cis-1,3-DICHLOROPROPENE	=	22.8	UG/L				
					trans-1,3-DICHLOROPROPENE	=	22.1	UG/L				
					1,2-DICHLOROPROPANE	=	21	UG/L				
					1,3-DICHLOROPROPANE	=	21.9	UG/L				
					2,2-DICHLOROPROPANE	=	22.3	UG/L				
					ETHYLBENZENE	=	22.1	UG/L				
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	22	UG/L				
					TRICHLOROFUOROMETHANE	=	23.5	UG/L				
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L			U	
					DICHLORODIFLUOROMETHANE	=	28	UG/L				
					HEXACHLOROBUTADIENE	=	24.4	UG/L				
					2-HEXANONE	=	21.3	UG/L				
					IODOMETHANE (METHYL IODIDE)	=	29.5	UG/L				
					ISOPROPYLBENZENE (CUMENE)	=	20.2	UG/L				
					METHYL ETHYL KETONE (2-BUTANONE)	=	21.3	UG/L				
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	22	UG/L				
					METHYLENE CHLORIDE	=	19.7	UG/L				
					NAPHTHALENE	=	18.6	UG/L				
					n-PROPYLBENZENE	=	23.4	UG/L				
					1,1,2,2-TETRACHLOROETHANE	=	20.8	UG/L				
					TETRACHLOROETHYLENE(PCE)	=	22.1	UG/L				
					STYRENE	=	22.1	UG/L				
					BROMOFORM	=	21.3	UG/L				
					tert-BUTYL METHYL ETHER	=	21.1	UG/L				
					1,1,1,2-TETRACHLOROETHANE	=	20.6	UG/L				
					1,1,1-TRICHLOROETHANE	=	22.3	UG/L				
					1,1,2-TRICHLOROETHANE	=	21.7	UG/L				
					1,2,3-TRICHLOROBENZENE	=	22.8	UG/L				
					1,2,4-TRICHLOROBENZENE	=	20.6	UG/L				
					TRICHLOROETHYLENE (TCE)	=	22.1	UG/L				
					CHLOROFORM	=	21.8	UG/L				
					1,2,3-TRICHLOROPROPANE	=	22.7	UG/L				
					1,2,4-TRIMETHYLBENZENE	=	21.9	UG/L				
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	23.2	UG/L				
					VINYL ACETATE	=	2.19	UG/L			10	
					VINYL CHLORIDE	=	24.1	UG/L				
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	44.3	UG/L				
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	20.7	UG/L				
					P-XYLENE (1,4-DIMETHYLBENZENE)	=	44.3	UG/L				
					ACETONE	=	21.3	UG/L			10	
					ACRYLONITRILE	ND	0	UG/L			10	U
					BROMODICHLOROMETHANE	=	22.8	UG/L			1	
					BROMOBENZENE	=	20.6	UG/L			1	
					BROMOCHLOROMETHANE	=	21.5	UG/L			1	
					BROMOMETHANE	=	24.4	UG/L			2	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/5/00	BS	SW8260	n-BUTYLBENZENE	=	24.8	UG/L	1	
					SEC-BUTYLBENZENE	=	22.2	UG/L	1	
					t-BUTYLBENZENE	=	22.2	UG/L	1	
					BENZENE	=	21.1	UG/L	0.5	
					TOLUENE	=	22.3	UG/L	0.5	
					CARBON DISULFIDE	=	17.2	UG/L	1	
					2-CHLOROETHYL VINYL ETHER	=	19.2	UG/L	5	
					CHLOROBENZENE	=	20.4	UG/L	1	
					2-CHLOROTOLUENE	=	20.9	UG/L	2	
					4-CHLOROTOLUENE	=	21.9	UG/L	2	
					CHLOROETHANE	=	22.6	UG/L	2	
					CHLOROMETHANE	=	26.9	UG/L	2	
					CARBON TETRACHLORIDE	=	24.9	UG/L	0.5	
					P-CYMENE (p-ISOPROPYLTOLUENE)	=	21	UG/L	2	
					DIBROMOCHLOROMETHANE	=	22	UG/L	5	
					1,2-DIBROMO-3-CHLOROPROPANE	=	17.9	UG/L	2	
					DIBROMOMETHANE	=	22.5	UG/L	1	
					1,1-DICHLOROETHANE	=	20.9	UG/L	0.5	
					1,2-DICHLOROETHANE	=	22.5	UG/L	0.5	
					trans-1,4-DICHLORO-2-BUTENE	ND	0	UG/L	10	U
					1,2-DICHLOROBENZENE	=	21.9	UG/L	1	
					1,3-DICHLOROBENZENE	=	20.3	UG/L	1	
					1,4-DICHLOROBENZENE	=	21.1	UG/L	1	
					1,1-DICHLOROETHENE	=	23	UG/L	0.5	
					cis-1,2-DICHLOROETHYLENE	=	22.1	UG/L	0.5	
					trans-1,2-DICHLOROETHENE	=	23.3	UG/L	0.5	
					1,1-DICHLOROPROPENE	=	26.1	UG/L	1	
					cis-1,3-DICHLOROPROPENE	=	22.8	UG/L	0.5	
					trans-1,3-DICHLOROPROPENE	=	22.4	UG/L	0.5	
					1,2-DICHLOROPROPANE	=	21	UG/L	0.5	
					1,3-DICHLOROPROPANE	=	22.3	UG/L	2	
					2,2-DICHLOROPROPANE	=	22.4	UG/L	1	
					ETHYLBENZENE	=	22.2	UG/L	0.5	
					1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	22.2	UG/L	1	
					TRICHLOROFLUOROMETHANE	=	23.4	UG/L	2	
					1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ND	0	UG/L	1	U
					DICHLORODIFLUOROMETHANE	=	26.3	UG/L	2	
					HEXACHLOROBUTADIENE	=	24.1	UG/L	5	
					2-HEXANONE	=	20.7	UG/L	10	
					IODOMETHANE (METHYL IODIDE)	=	28.5	UG/L	5	
					ISOPROPYLBENZENE (CUMENE)	=	20.3	UG/L	2	
					METHYL ETHYL KETONE (2-BUTANONE)	=	25.6	UG/L	10	
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	=	21.9	UG/L	10	
					METHYLENE CHLORIDE	=	19.8	UG/L	2	
					NAPHTHALENE	=	18.8	UG/L	2	
					n-PROPYLBENZENE	=	23.2	UG/L	2	
					1,1,2,2-TETRACHLOROETHANE	=	20.9	UG/L	0.5	
					TETRACHLOROETHYLENE(PCE)	=	22	UG/L	0.5	
					STYRENE	=	22.4	UG/L	1	
					BROMOFORM	=	21.7	UG/L	1	
					tert-BUTYL METHYL ETHER	=	20.9	UG/L	2	
					1,1,1,2-TETRACHLOROETHANE	=	20.8	UG/L	1	

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Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
LABQC	0	7/5/00	BS	SW8260	1,1,1-TRICHLOROETHANE	=	22.3	UG/L	0.5	
					1,1,2-TRICHLOROETHANE	=	22	UG/L	0.5	
					1,2,3-TRICHLOROBENZENE	=	23.2	UG/L	2	
					1,2,4-TRICHLOROBENZENE	=	20.7	UG/L	2	
					TRICHLOROETHYLENE (TCE)	=	22.1	UG/L	0.5	
					CHLOROFORM	=	21.8	UG/L	0.5	
					1,2,3-TRICHLOROPROPANE	=	22.7	UG/L	2	
					1,2,4-TRIMETHYLBENZENE	=	21.9	UG/L	2	
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	23.3	UG/L	2	
					VINYL ACETATE	TR	1.99	UG/L	10	
					VINYL CHLORIDE	=	23.5	UG/L	0.5	
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	44.7	UG/L	1	
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	20.9	UG/L	1	
					P-XYLENE (1,4-DIMETHYLBENZENE)	=	44.7	UG/L	1	
					7/6/00	E418.1	SW8260	PETROLEUM HYDROCARBONS	=	167
		7/17/00	ACETONE	TR	1800			UG/KG		
			BROMODICHLOROMETHANE	=	2300			UG/KG		
			BROMOBENZENE	=	2100			UG/KG		
			BROMOCHLOROMETHANE	=	2200			UG/KG		
			BROMOMETHANE	=	2100			UG/KG		
			n-BUTYLBENZENE	=	2000			UG/KG		
			SEC-BUTYLBENZENE	=	2000			UG/KG		
			t-BUTYLBENZENE	=	2100			UG/KG		
			BENZENE	=	2100			UG/KG		
			TOLUENE	=	2100			UG/KG		
			CARBON DISULFIDE	=	1700			UG/KG		
			CHLOROBENZENE	=	2100			UG/KG		
			2-CHLOROTOLUENE	=	2100			UG/KG		
			4-CHLOROTOLUENE	=	2000			UG/KG		
			CHLOROETHANE	=	2300			UG/KG		
			CHLOROMETHANE	=	2600			UG/KG		
			CARBON TETRACHLORIDE	=	2400			UG/KG		
			P-CYMENE (p-ISOPROPYLTOLUENE)	=	2000	UG/KG				
	DIBROMOCHLOROMETHANE	=	2200	UG/KG						
	1,2-DIBROMO-3-CHLOROPROPANE	=	2100	UG/KG						
	DIBROMOMETHANE	=	2100	UG/KG						
	1,1-DICHLOROETHANE	=	2100	UG/KG						
	1,2-DICHLOROETHANE	=	2100	UG/KG						
	1,2-DICHLOROBENZENE	=	2000	UG/KG						
	1,3-DICHLOROBENZENE	=	2000	UG/KG						
	1,4-DICHLOROBENZENE	=	2000	UG/KG						
	1,1-DICHLOROETHENE	=	2300	UG/KG						
	cis-1,2-DICHLOROETHYLENE	=	2100	UG/KG						
	trans-1,2-DICHLOROETHENE	=	2300	UG/KG						
	1,1-DICHLOROPROPENE	=	2600	UG/KG						
	cis-1,3-DICHLOROPROPENE	=	2500	UG/KG						
	trans-1,3-DICHLOROPROPENE	=	2200	UG/KG						
	1,2-DICHLOROPROPANE	=	2100	UG/KG						
	1,3-DICHLOROPROPANE	=	2000	UG/KG						
	2,2-DICHLOROPROPANE	=	2600	UG/KG						
	ETHYLBENZENE	=	2100	UG/KG						
	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	=	2000	UG/KG						

**Holloman Air Force Base  
SS61 Phase II RI  
Laboratory Control Sample Data**

Location	Depth	LogDate	Code	Method	Parameter	Boolean	Value	Units	Lab DL	EPA Qual
ABQC	0	7/17/00	BS	SW8260	TRICHLOROFLUOROMETHANE	=	2200	UG/KG		
					DICHLORODIFLUOROMETHANE	=	2700	UG/KG		
					HEXACHLOROBUTADIENE	=	1800	UG/KG		
					2-HEXANONE	TR	1800	UG/KG		
					ISOPROPYL BENZENE (CUMENE)	=	2100	UG/KG		
					METHYL ETHYL KETONE (2-BUTANONE)	=	3000	UG/KG		
					METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	TR	2100	UG/KG		
					METHYLENE CHLORIDE	=	2100	UG/KG		
					NAPHTHALENE	=	2000	UG/KG		
					n-PROPYLBENZENE	=	2100	UG/KG		
					1,1,2-TETRACHLOROETHANE	=	1900	UG/KG		
					TETRACHLOROETHYLENE(PCE)	=	2100	UG/KG		
					STYRENE	=	2100	UG/KG		
					BROMOFORM	=	2100	UG/KG		
					1,1,1,2-TETRACHLOROETHANE	=	2300	UG/KG		
					1,1,1-TRICHLOROETHANE	=	2300	UG/KG		
					1,1,2-TRICHLOROETHANE	=	2100	UG/KG		
					1,2,3-TRICHLOROBENZENE	=	1800	UG/KG		
					1,2,4-TRICHLOROBENZENE	=	2000	UG/KG		
					TRICHLOROETHYLENE (TCE)	=	1900	UG/KG		
					CHLOROFORM	=	2200	UG/KG		
					1,2,3-TRICHLOROPROPANE	=	2000	UG/KG		
					1,2,4-TRIMETHYLBENZENE	=	2100	UG/KG		
					1,3,5-TRIMETHYLBENZENE (MESITYLENE)	=	2100	UG/KG		
					VINYL CHLORIDE	=	1800	UG/KG		
					M-XYLENE (1,3-DIMETHYLBENZENE)	=	4300	UG/KG		
					O-XYLENE (1,2-DIMETHYLBENZENE)	=	2100	UG/KG		
					P-XYLENE (1,4-DIMETHYLBENZENE)	=	4300	UG/KG		

**Appendix B**  
**Field Records**

## HTRW Drilling Logs

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP39/MV10

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Grey Clayey SILT with medium Sand and some fine Sand, damp and soft	ND				ML
	4						
	6	Grey Sandy SILT, fine Sand, moist, soft	0.12 ppm				ML
	8	same as above but very moist					ML
	10	Grey Silty CLAY, moist, slight plasticity, some fine Sand, stiff	0.22 ppm		SS61DP39S1001		CL
	12	Brown Silty CLAY, slightly plastic, trace fine to medium Sand, moist, stiff	0.87 ppm				CL
	14						
	16	Brown Silty CLAY, slight plasticity, damp, stiff, trace fine to medium Sand  16-17' color change to grey, odor, stained	494 ppm		SS61DP39S1401		CL
	18	Same as above but wet at 18 ft	454 ppm				CL
		TD = 19.0 ft					

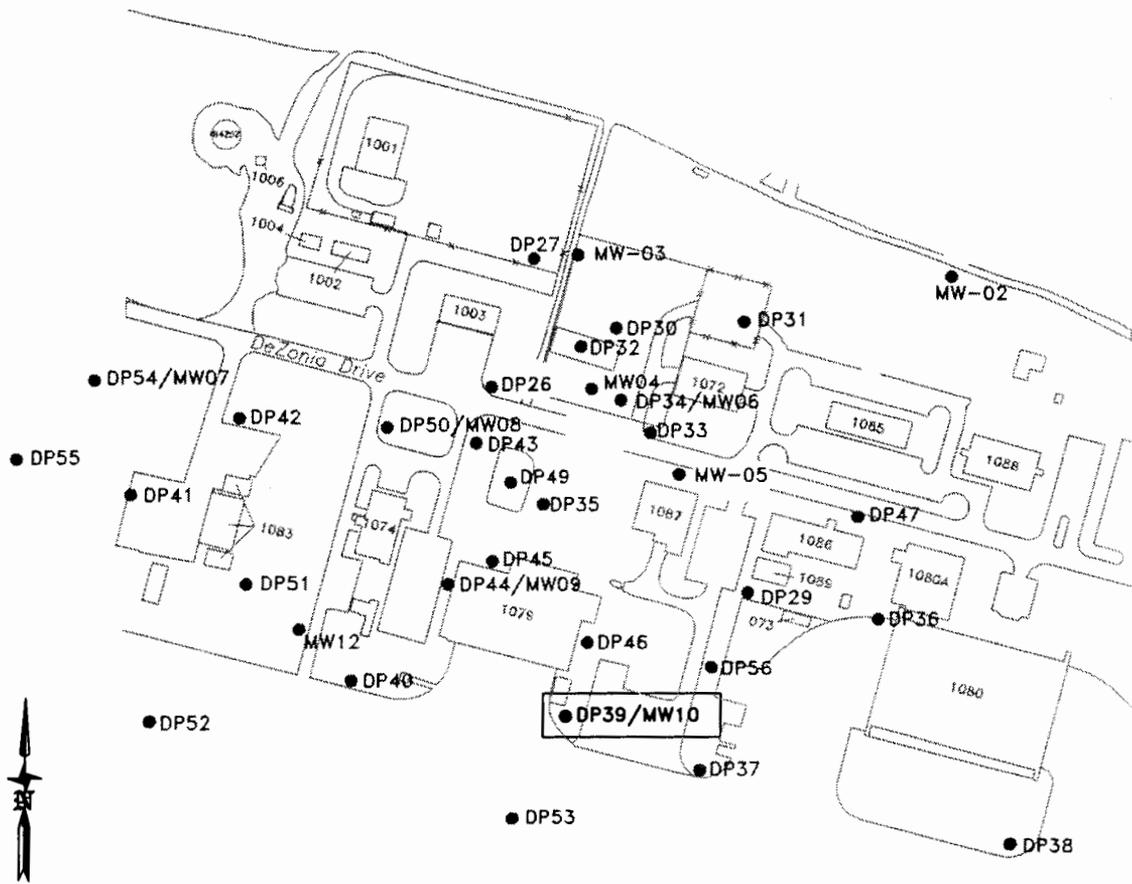
PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP39/MV10

<b>HTRW DRILLING LOG</b>		DISTRICT <input type="checkbox"/> MAHA		HOLE NUMBER SS61-DP39/MW10	
1. COMPANY NAME Foster Wheeler Environmental Corp		2. DRILL SUBCONTRACTOR Indian Fire and Safety		SHEET SHEETS 1 of 2	
3. PROJECT 5155.0027.0007 H2000			4. LOCATION SS-61, Holloman AFB		
5. NAME OF DRILLER Rafe Jones			6. MANUFACTURER'S DESIGNATION OF DRILL		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		DPT Rig		8. HOLE LOCATION SS61-DP39	
				9. SURFACE ELEVATION N/A	
				10. DATE STARTED 5/3/00	
				11. DATE COMPLETED 5/3/00	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 18 ft	
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 12.0ft, 10 minutes after drilling	
14. TOTAL DEPTH OF HOLE 19 ft				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A	
18. GEOTECHNICAL SAMPLES None		DISTURBED N/A	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)
		water and soil	N/A	TRPH - soil	TPH-JP4 -water
22. DISPOSITION OF HOLE		BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
		w/ bentonite	N/A		23. SIGNATURE OF INSPECTOR Luke Darragh

LOCATION SKETCH/COMMENTS

SCALE 1 Inch = 300 feet



PROJECT 5155.0027.0007

HOLE NO. SS61-DP39/MW10

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP38

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	0-6" - asphalt Brown Clayey SILT with fine to medium Sand, moist, soft					ML
	4	Reddish brown Silty CLAY with fine white Sand lenses, moist, medium stiffness, low plasticity			SS61DP38S503		CL
	6	Same as above with some oxide staining					
	8	Same as above, color change to gray			SS61DP38S901		CL
	10	Grey Silty Clay with fine to medium Sand, trace coarse Sand, moist, stiff					CL
	12	Light brown Clayey SAND with fine Sand and some silt, loose and wet					SC
	14	Water encountered at 12.5 feet water sample collected - SS61DP38V8					
	16						

PROJECT 5155.0027.0007 H2000

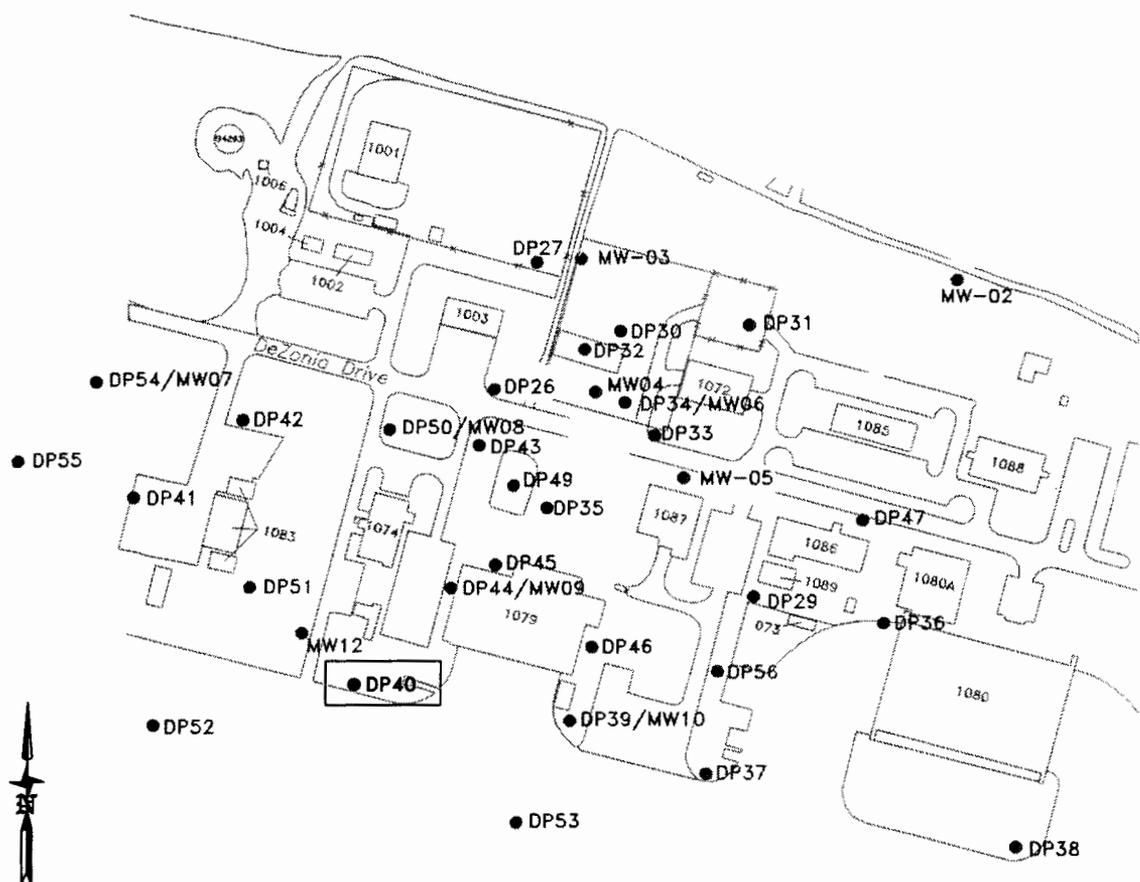
HOLE NO. SS61-DP38



<b>HTRW DRILLING LOG</b>			DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-DP40</b>	
1.COMPANY NAME <b>Foster Wheeler Environmental Corp</b>			2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>		SHEET SHEETS <b>1 of 2</b>	
3.PROJECT <b>5155.0027.0007 H2000</b>			4.LOCATION <b>SS-61, Holloman AFB</b>			
5.NAME OF DRILLER <b>Rafe Jones</b>			8.MANUFACTURER'S DESIGNATION OF DRILL			
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-DP40</b>				
			9.SURFACE ELEVATION <b>N/A</b>			
			10.DATE STARTED <b>5/4/00</b>		11.DATE COMPLETED <b>5/4/00</b>	
12.OVERBURDEN THICKNESS <b>N/A</b>			15.DEPTH GROUNDWATER ENCOUNTERED <b>13 ft</b>			
13.DEPTH DRILLED INTO ROCK <b>N/A</b>			16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>17.3' prior to sampling, about 10 min.</b>			
14.TOTAL DEPTH OF HOLE <b>20.5 ft</b>			17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED <b>N/A</b>	UNDISTURBED <b>N/A</b>	19.TOTAL NUMBER OF CORE BOXES <b>N/A</b>		
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>water and soil</b>	METALS <b>N/A</b>	OTHER (SPECIFY)	OTHER (SPECIFY) <b>TRPH - soil</b>	OTHER (SPECIFY) <b>TPH-JP4 -water</b>
22.DISPOSITION OF HOLE		BACKFILLED <b>w/ bentonite</b>	MONITORING WELL <b>N/A</b>	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>	

LOCATION SKETCH/COMMENTS

SCALE 1 inch = 300 feet



PROJECT <b>5155.0027.0007</b>	HOLE NO. <b>SS61-DP40</b>
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**SS61-DP40**  
 SHEET **2** OF **2** SHEETS

PROJECT **5155.0027.0007 H2000**

INSPECTOR **Luke Darragh**

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Brown, fine, Silty SAND, trace medium Sand, dry, loose					SM
	4	Grey Silty CLAY, very moist, medium plasticity, trace fine to medium Sand					CL
	6	Light brown Sandy SILT, fine Sand, trace medium Sand, damp			SS61DP40S501		ML
	8	Light brown Silty SAND, damp, well graded, some gravel (0-10 mm)			SS61DP40S801		SM
	10	Grey Silty CLAY with Sand, moist, soft, slight plasticity, trace rounded gravel (0-10mm)					CL
	12	Light brown Silty CLAY, damp, moist, medium plasticity, trace fine Sand, medium stiffness					CL
	14	Light brown Sandy Silty CLAY, moist, soft, fine to medium Sand					CL
	16	Light brown Silty CLAY, trace fine Sand, moist, high plasticity, soft					CL
	18	Light brown Silty CLAY, moist/wet, stiff, high plasticity with medium sand lenses, rounded Sand					CL
	TD = 20.5 ft						

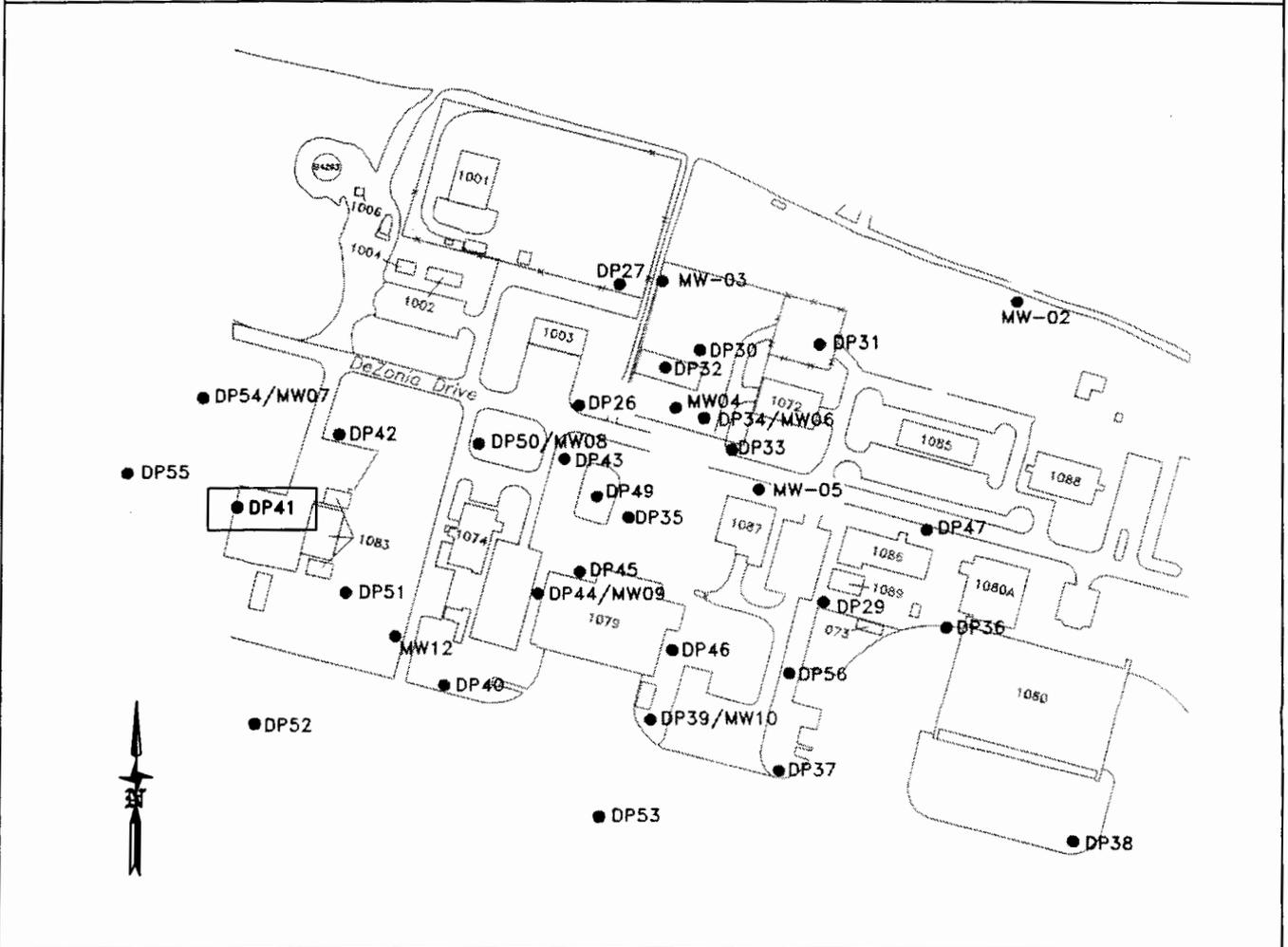
PROJECT **5155.0027.0007 H2000**

HOLE NO. **SS61-DP40**

<b>HTRW DRILLING LOG</b>		DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-DP41</b>	
1.COMPANY NAME <b>Foster Wheeler Environmental Corp</b>		2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>		SHEET <b>1</b> SHEETS <b>OF 3</b>	
3.PROJECT <b>5155.0027.0007 H2000</b>		4.LOCATION <b>SS-61, Holloman AFB</b>			
5.NAME OF DRILLER <b>Rafe Jones</b>		6.MANUFACTURER'S DESIGNATION OF DRILL			
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-DP41</b>			
		9.SURFACE ELEVATION <b>N/A</b>			
		10.DATE STARTED <b>5/1/00</b>		11.DATE COMPLETED <b>5/1/00</b>	
12.OVERBURDEN THICKNESS <b>N/A</b>		15.DEPTH GROUNDWATER ENCOUNTERED <b>20 ft</b>			
13.DEPTH DRILLED INTO ROCK <b>N/A</b>		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>15.25' bgs 1 hour after drilling</b>			
14.TOTAL DEPTH OF HOLE <b>23 ft</b>		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED		UNDISTURBED	
19.TOTAL NUMBER OF CORE BOXES		VOC		METALS	
20.SAMPLES FOR CHEMICAL ANALYSIS		OTHER (SPECIFY)		OTHER (SPECIFY)	
		OTHER (SPECIFY)		OTHER (SPECIFY)	
21.TOTAL CORE RECOVERY %		soil and water		N/A	
22.DISPOSITION OF HOLE		soil- TRPH		water- TPH-JP4	
		BACKFILLED		OTHER (SPECIFY)	
		w/ bentonite		N/A	
		23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>			

LOCATION SKETCH/COMMENTS

SCALE 1 inch = 300 feet



PROJECT **5155.0027.0007**

HOLE NO. **SS61-DP41**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP41

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF SHEETS 3

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	0-4	0-4 inches - asphalt					
	2	Tan Silty SAND, loose, dry, fine to medium Sand, trace coarse Sand	2.22 ppm		SS61DP41S301		SM
	4						
	6	Reddish brown Sandy SILT, dry, soft, fine Sand	0.68 ppm				ML
	8						
	10	Dark grey Silty SAND, dry, loose, fine to medium Sand, trace coarse sand  Same as above, color change to reddish brown	1.15 ppm		SS61DP41S801		SM  slight discoloration in soils
	12	Grey Clayey SILT, moist, some fine Sand and trace medium Sand	0.22 ppm				ML
	14	moist at 14 ft					
	16	Reddish brown Silty CLAY, moist/damp, stiff, medium plasticity, trace fine Sand	0.44 ppm				CL
	18	Same as above, wet at tip - about 20 ft	1.13 ppm				CL

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP41

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP41

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 3 OF 3 SHEETS

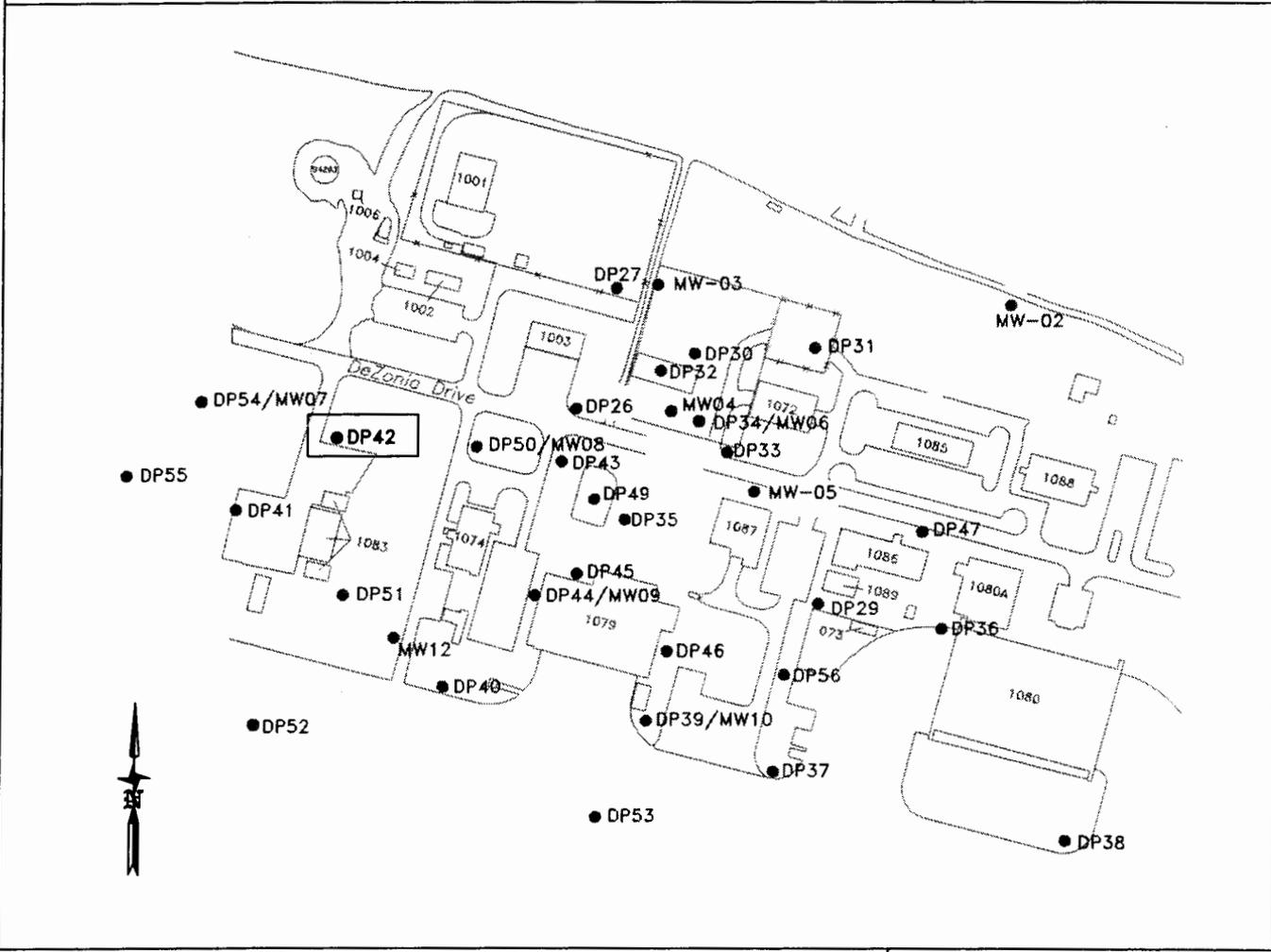
ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		Silty CLAY- same as above					CL
	22	Greenish grey Silty CLAY, wet, low plasticity, fine Sand, oxide stains	9.55 ppm				CL
	24	TD = 23 ft					

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP41

<b>HTRW DRILLING LOG</b>		DISTRICT	OMAHA		HOLE NUMBER	SS61-DP42	
1.COMPANY NAME Foster Wheeler Environmental Corp		2.DRILL SUBCONTRACTOR Indian Fire and Safety			SHEET	SHEETS 1 OF 2	
3.PROJECT 5155.0027.0007		4.LOCATION SS-61, Holloman, AFB					
5.NAME OF DRILLER Rafe Jones		6.MANUFACTURER'S DESIGNATION OF DRILL					
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT DPT Rig		8.HOLE LOCATION SS61-DP42					
		9.SURFACE ELEVATION N/A					
		10.DATE STARTED 5/1/00			11.DATE COMPLETED 5/1/00		
12.OVERBURDEN THICKNESS N/A		15.DEPTH GROUNDWATER ENCOUNTERED 18.5 ft					
13.DEPTH DRILLED INTO ROCK N/A		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 14.65 ft after 1 hour					
14.TOTAL DEPTH OF HOLE 23.5 ft		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18.GEOTECHNICAL SAMPLES None		DISTURBED N/A		UNDISTURBED N/A		19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC		METALS		OTHER (SPECIFY)	
		soil and water		soil - TRPH		water - TPH-IP4	
22.DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23.SIGNATURE OF INSPECTOR Luke Darragh	
		w/ bentonite		N/A			

LOCATION SKETCH/COMMENTS SCALE 1 inch = 300 feet



PROJECT	5155.0027.0007	HOLE NO.	SS61-DP42
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP42

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Dark brown Clayey SILT, dry, soft, low plasticity, trace Fine Sand	0.60 ppn				ML
	4	Tan Silty SAND with gravel, loose, dry, well graded, sub-rounded gravel 0-10 mm in size tip of sampler wet at 4 ft	0.35 ppn				SW
	6	Brown Silty SAND, dry, medium density, fine to medium Sand, some Clay	0.62 ppn				SM
	8	Tan/reddish brown Sandy SILT, stiff, Fine Sand			SS61DP42S601		ML
	8	Grey Sandy Gravel, dry, subangular gravel 0-20 mm in size, coarse Sand, trace Silt			SS61DP42S801		GW
	10	Tan/reddish brown Clayey SILT with Sand, moist, fine to medium Sand with a trace of coarse Sand	0.60 ppn				ML
	12	Reddish brown Silty CLAY with Sand, fine Sand and some coarse Sand, moist, trace gravel 10 mm in size, low plasticity	0.65 ppn				CL
	14						DTV 14.65 prior to sampling
	16	Reddish brown Silty CLAY, moist, medium plasticity, some fine Sand and trace medium coarse Sand	0.45 ppn				CL
	18	Grey Clayey Gravel (to 20 mm), wet, subangular, trace fine Sand	0.95 ppn				GC
		Reddish brown Silty CLAY, wet, low plasticity, some fine to medium Sand					CL

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP42

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP42

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

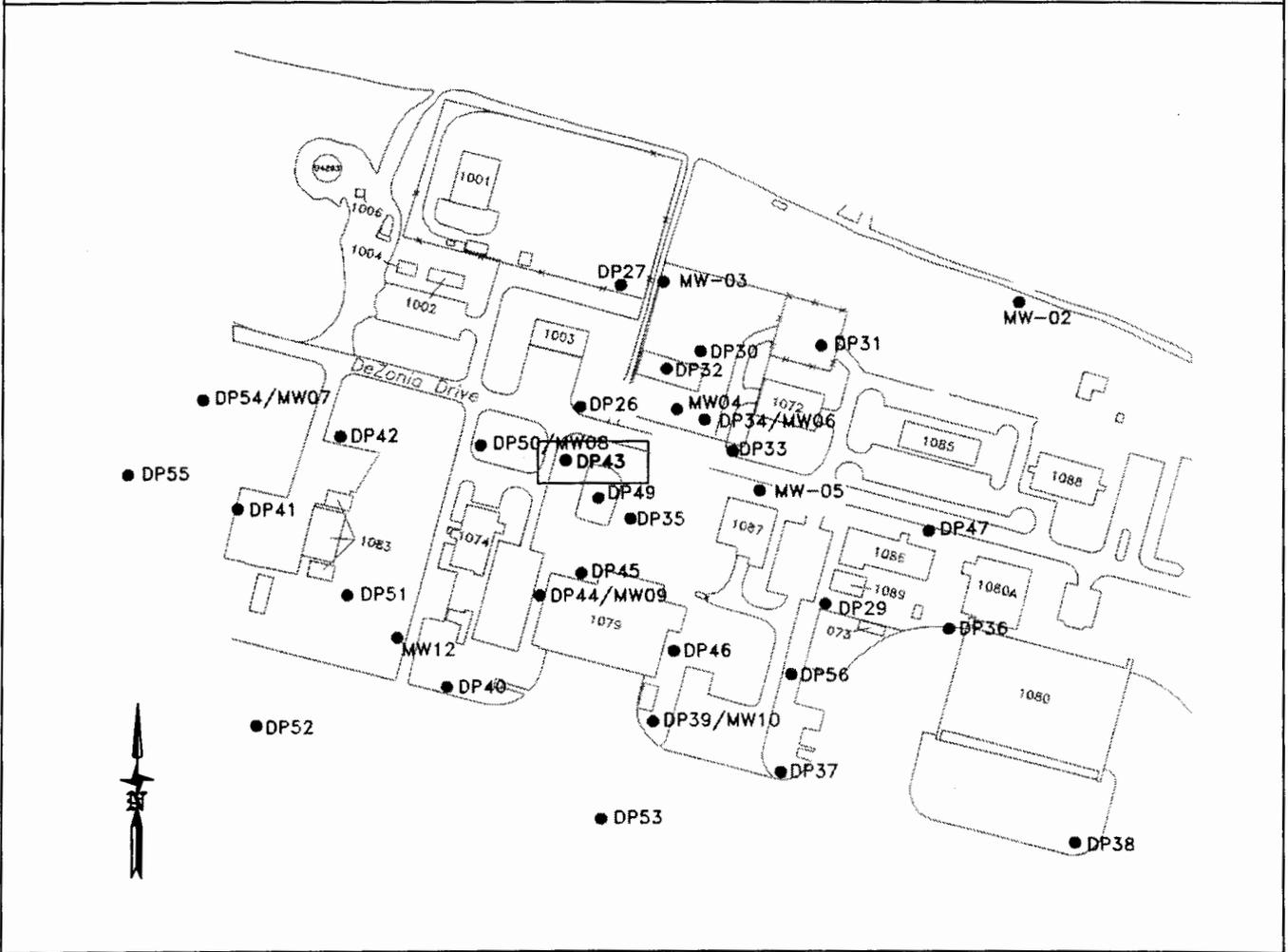
SHEET 3 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	22	Same as Above (SRty CLAY)	2.05 ppm				CL
	24	TD = 23.5 ft					

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP42

<b>HTRW DRILLING LOG</b>		DISTRICT OMAHA		HOLE NUMBER SS61-DP43	
1. COMPANY NAME Foster Wheeler Environmental Corp.		2. DRILL SUBCONTRACTOR Indian Fire and Safety		SHEET SHEETS 1 of 3	
3. PROJECT 515.0027.0007 H2000		4. LOCATION SS-61, Holloman AFB			
5. NAME OF DRILLER Rafe Jones		6. MANUFACTURER'S DESIGNATION OF DRILL			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT DPT Rig		8. HOLE LOCATION SS61-DP43			
		9. SURFACE ELEVATION N/A			
		10. DATE STARTED 5/2/00		11. DATE COMPLETED 5/2/00	
12. OVERBURDEN THICKNESS N/A		15. DEPTH GROUNDWATER ENCOUNTERED 23 ft			
13. DEPTH DRILLED INTO ROCK N/A		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 12.45 ft bgs at 1200 on 5/3/00			
14. TOTAL DEPTH OF HOLE 25.5 ft		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES None		DISTURBED N/A	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)
		soil and water	MONITORING WELL	soil - TRPH	water - TPH-JP4
22. DISPOSITION OF HOLE		BACKFILLED	N/A	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		w/ bentonite			Luke Darragh
LOCATION SKETCH/COMMENTS				SCALE 1 inch = 300 feet	



PROJECT	5155.0027.0007	HOLE NO.	SS61-DP43
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP43

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		Tan Silty SAND, dry, loose, fine to medium Sand, trace coarse Sand	1.0 ppm				SM
	2	Brown Silty CLAY, dry, soft, low plasticity, trace fine Sand					CL
	4	Brown/Tan Clayey SAND, moist, medium density, fine to medium Sand, trace coarse Sand	0.30 ppm				SC
	6	Grey/Tan Silty CLAY, moist, soft, low plasticity, trace fine Sand					CL
	8	same as above - color change to brown					
	10	Brown Clayey SILT, moist, soft, fine Sand, trace medium and coarse Sand	1.0 ppm				ML
	12	Brown Silty CLAY, moist, medium stiffness, medium plasticity, some fine Sand	7.95 ppm				CL
	14	same as above, Silty CLAY	53.25 ppm				CL
	16	Grey/Green Silty CLAY, moist, stiff, slight plasticity, some fine Sand					CL
	18	same as above - strong odor	45.22 ppm				CL
		Brown Silty CLAY, moist, stiff, fine Sand and small crystals	33.5 ppm				CL

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP43

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP43

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 3 of 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		Brown Silty CLAY, moist, stiff, medium plasticity, some fine Sand and crystals, strong odors	2000 ppm				CL
	22	Same as above, (Silty CLAY)  Wet at about 23 ft	2022 ppm				CL
	24	Same as above but saturated	1795 ppm				CL
	26	TD = 25.5 ft					

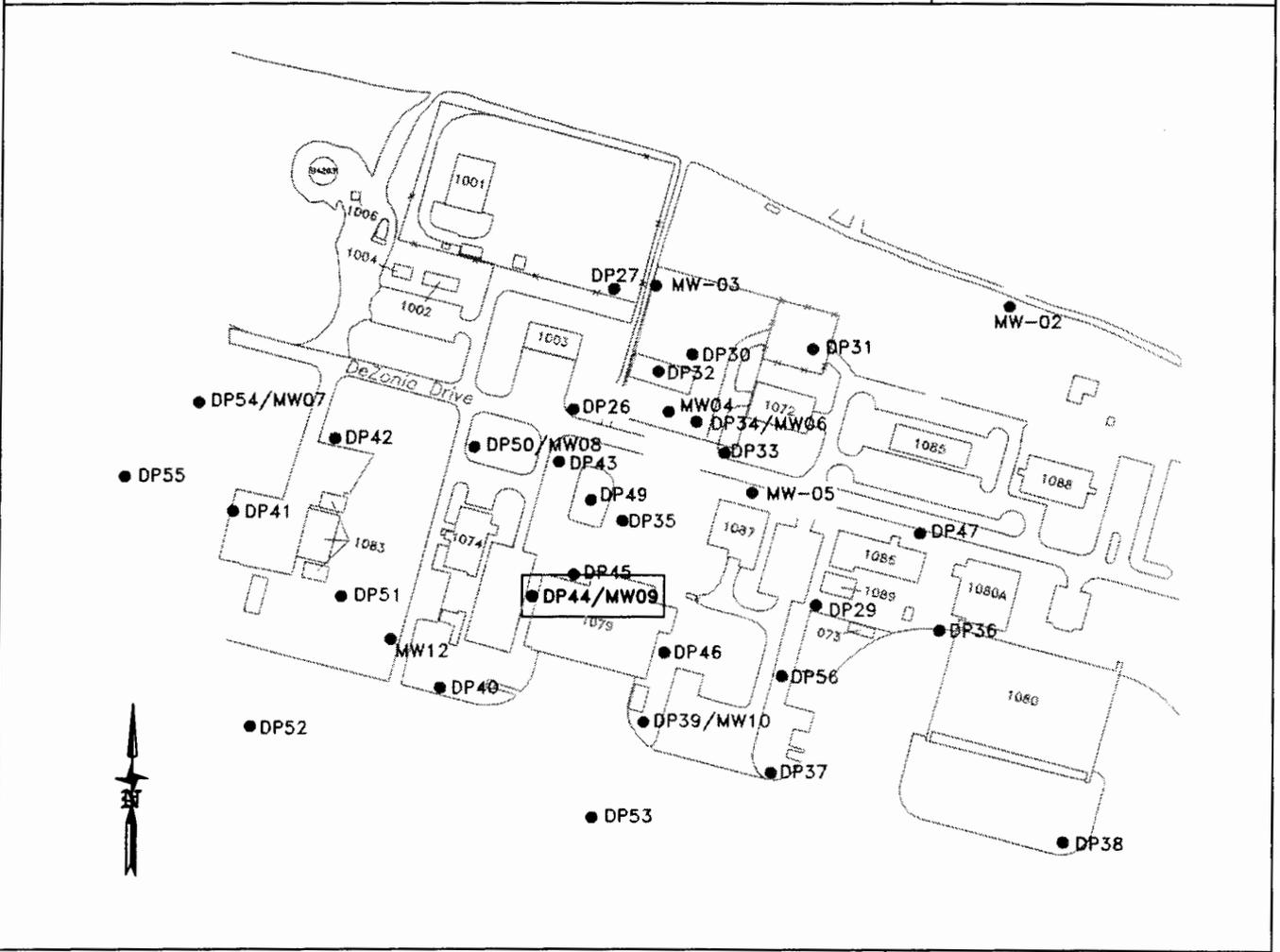
PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP43

<b>HTRW DRILLING LOG</b>			DISTRICT <b>OMAHA</b>			HOLE NUMBER <b>SS61-DP44/MW09</b>		
1.COMPANY NAME <b>Foster Wheeler Environmental Corp.</b>			2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>			SHEET SHEETS <b>1 OF 2</b>		
3.PROJECT <b>5155.0027.0007 H2000</b>			4.LOCATION <b>SS-61, Holloman AFB</b>					
5.NAME OF DRILLER <b>Rafe Jones</b>			6.MANUFACTURER'S DESIGNATION OF DRILL					
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>			8.HOLE LOCATION <b>SS61-DP44/MW09</b>					
			9.SURFACE ELEVATION <b>N/A</b>					
			10.DATE STARTED <b>5/2/00</b>			11.DATE COMPLETED <b>5/2/00</b>		
12.OVERBURDEN THICKNESS <b>N/A</b>			15.DEPTH GROUNDWATER ENCOUNTERED <b>14 ft</b>					
13.DEPTH DRILLED INTO ROCK <b>N/A</b>			16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>12.65 ft at 1200 hrs, 5/3/00</b>					
14.TOTAL DEPTH OF HOLE <b>21 ft</b>			17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18.GEOTECHNICAL SAMPLES <b>None</b>			DISTURBED <b>N/A</b>		UNDISTURBED <b>N/A</b>		19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS			VOC		METALS		OTHER (SPECIFY)	
			soil and water		soil - TRPH		water - TPH-JP4	
22.DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)	
			w/ bentonite		yes, MV-09		23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>	

LOCATION SKETCH/COMMENTS

SCALE 1 inch = 300 feet



PROJECT **5155.0027.0007**

HOLE NO. **SS61-DP44/MW09**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP44/MV09

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF SHEETS 2

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		FRI and gravel					
	2	Brown Silty CLAY with fine Sand, damp, soft, low plasticity	0.70 ppm				CL
	4	Brown Sandy SILT with fine Sand, very moist, soft	0.54 ppm				ML
	6	wet from 5-6 ft					
	8						
	10	Light grey Silty CLAY with fine Sand, moist, soft	0.35 ppm				CL
	12	Same Silty Clay as above but wet at 14 ft and stained from 13-14 ft, odor	0.75 ppm				CL
	14	Grey/Tan Silty CLAY with some fine Sand, wet, low plasticity, odor	26.26 ppm				CL
	16	Brown Silty CLAY, fine Sand, wet, soft, low plasticity, trace odor	0.93 ppm				CL
	18	Same Silty Clay as above, odor					CL
		Grey Silty CLAY with gravel, wet, soft, odor (same down to TD of 21 ft) TD = 21 ft	119 ppm				CL

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP44/MV09



# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP45

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF 2 SHEETS

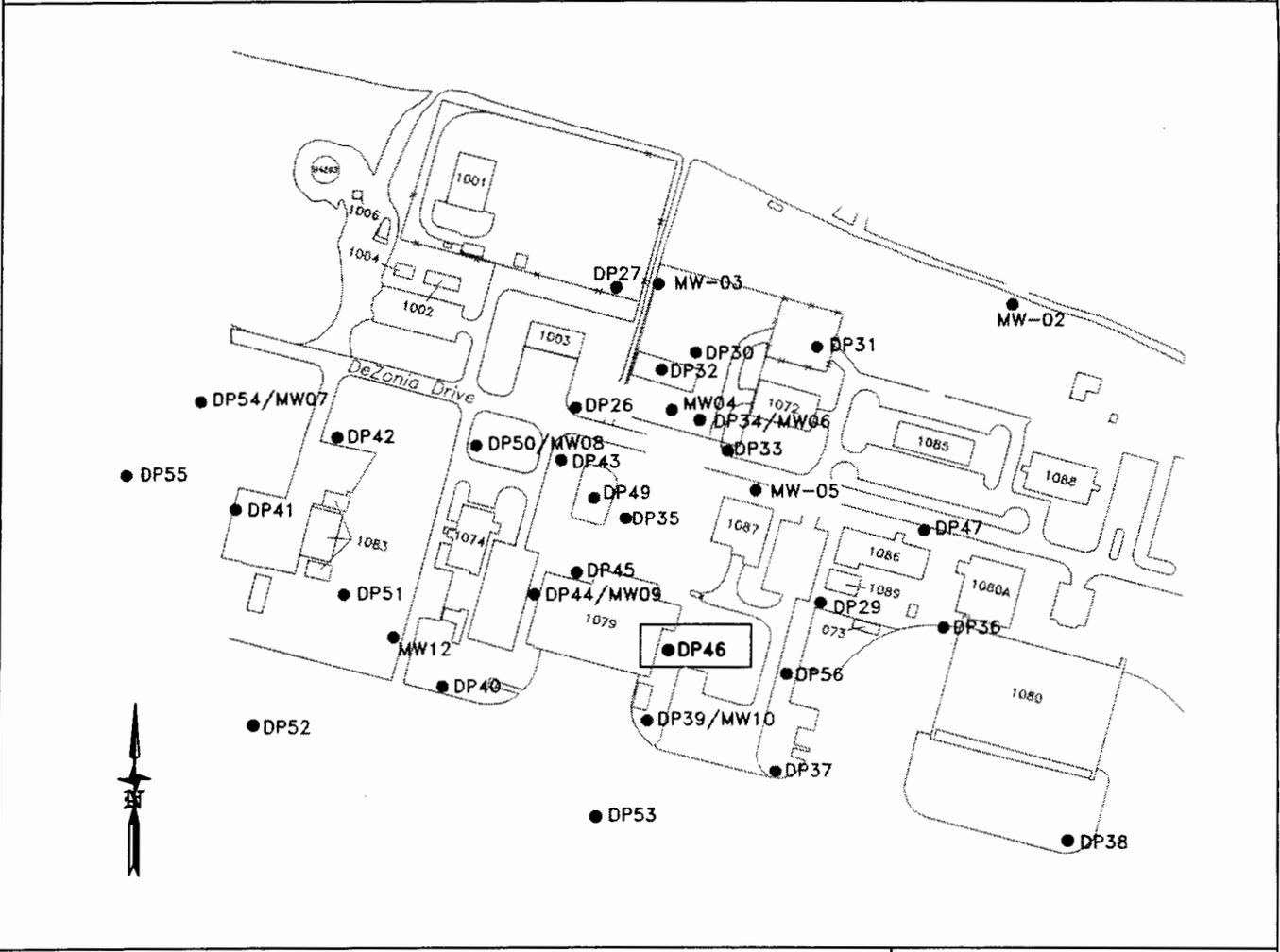
ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Brown Clayey SILT with fine Sand, dry, soft	130 ppm				ML
	4	tip of sampler wet at 4 ft					
	6	Grey/Tan Clayey SILT with fine Sand, very moist, soft, trace medium Sand	125 ppm				ML
	8	Grey, well graded SAND with Gravel, dry, loose, trace Silt, gravel rounded to 10 mm in size					SW
	10	Tan Silty CLAY, very moist, soft, fine to medium Sand	0.79 ppm		SS61DP45S901 SS61DP45S902		CL
	12	Same as above with a trace of rounded gravel to 10 mm in size	15 ppm		SS61DP45S1201		CL
	14	Same as above except wet at about 13 ft	0.47 ppm				CL
	16	Brown Silty CLAY, wet soft, low plasticity, some fine to medium Sand, trace coarse Sand	240 ppm				CL
	18	Same as above (Silty CLAY) but stained grey/green from 18.5 to 19.5 ft, odor	1329 ppm				CL
		TD = 19.5 ft					

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP45

<b>HTRW DRILLING LOG</b>		DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-DP46</b>	
1.COMPANY NAME <b>Foster Wheeler Environmental Corp.</b>		2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>		SHEET SHEETS <b>1 of 1</b>	
3.PROJECT <b>5155.0027.0007</b>		4.LOCATION <b>SS-61, Holloman AFB</b>			
5.NAME OF DRILLER <b>Rafe Jones</b>		6.MANUFACTURER'S DESIGNATION OF DRILL			
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-DP46</b>			
		9.SURFACE ELEVATION <b>N/A</b>			
		10.DATE STARTED <b>5/3/00</b>		11.DATE COMPLETED <b>5/3/00</b>	
12.OVERBURDEN THICKNESS <b>N/A</b>		15.DEPTH GROUNDWATER ENCOUNTERED <b>12 ft</b>			
13.DEPTH DRILLED INTO ROCK <b>N/A</b>		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>11.04 ft 15 minutes after drilling</b>			
14.TOTAL DEPTH OF HOLE <b>20 ft</b>		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED <b>N/A</b>	UNDISTURBED <b>N/A</b>	19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>soil and water</b>	METALS <b>N/A</b>	OTHER (SPECIFY) <b>soil - TRPH</b>	OTHER (SPECIFY) <b>water - TPH-JP4</b>
22.DISPOSITION OF HOLE <b>w/ bentonite</b>		BACKFILLED	MONITORING WELL <b>N/A</b>	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY %
				23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>	

LOCATION SKETCH/COMMENTS SCALE 1 inch = 300 feet



PROJECT **5155.0027.0007** HOLE NO. **SS61-DP46**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP46

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF 2 SHEETS

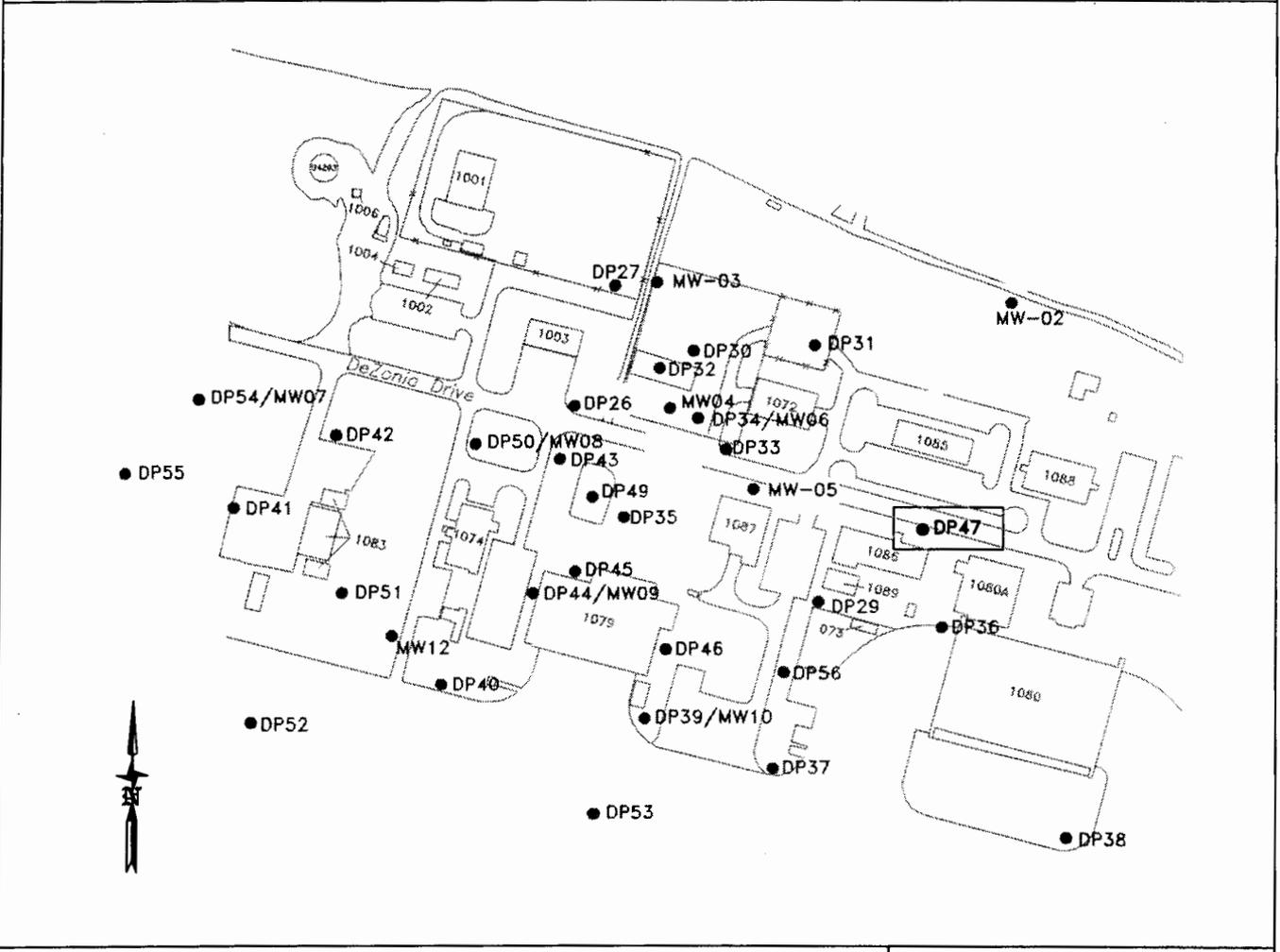
ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		gravel and stone (road cover)					
	2	Grey Silty SAND, dry, loose, fine to medium Sand, trace coarse Sand	0.31 ppm				SM
	4						
	6	Grey Sandy SILT, dry, soft, fine Sand	0.40 ppm		SS61DP46S501		ML
	8						
	10	Grey/Brown poorly graded SAND, dry, dense, medium to coarse Sand, very little fines			SS61DP46S901		SP
	12	Grey/Tan Silty CLAY, very moist, soft, trace medium Sand, low plasticity	0.43 ppm				CL
	14	Same as above- color change to brown					
	16	Tan/Grey Clayey SILT, wet, soft, some medium Sand	0.57 ppm				ML
	18	Black/Grey well graded SAND, moist, loose, some angular gravel up to 20 mm in size					SW
		Brown Silty CLAY, wet, stiff, medium Plasticity, some medium Sand, white crystals	0.91 ppm				CL
		Same as Above, slight odor, color change to tan at 19 ft	2.53 ppm				CL
		TD = 20 ft					

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP46

<b>HTRW DRILLING LOG</b>		DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-DP47</b>	
1.COMPANY NAME <b>Foster Wheeler Environmental Corp.</b>		2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>		SHEET <b>1</b> of <b>2</b> SHEETS	
3.PROJECT <b>5155.0027.0007 H2000</b>		4.LOCATION <b>SS-61, Holloman AFB</b>			
5.NAME OF DRILLER <b>Rafe Jones</b>		6.MANUFACTURER'S DESIGNATION OF DRILL			
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-DP47</b>			
		9.SURFACE ELEVATION <b>N/A</b>			
		10.DATE STARTED <b>5/4/00</b>		11.DATE COMPLETED <b>5/4/00</b>	
12.OVERBURDEN THICKNESS <b>N/A</b>		15.DEPTH GROUNDWATER ENCOUNTERED <b>14.8 ft</b>			
13.DEPTH DRILLED INTO ROCK <b>N/A</b>		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>13.75 ft at 1145 hours on 5/5/00</b>			
14.TOTAL DEPTH OF HOLE <b>19.5 ft</b>		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED <b>N/A</b>	UNDISTURBED <b>N/A</b>	19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)
		soil and water	N/A	soil - TRPH	water - TPH-JP4
22.DISPOSITION OF HOLE		BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY %
		w/ bentonite	N/A		
				23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>	

LOCATION SKETCH/COMMENTS SCALE 1 inch = 300 feet



PROJECT **5155.0027.0007** HOLE NO. **SS61-DP47**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP47  
SHEET 2 OF 2 SHEETS

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

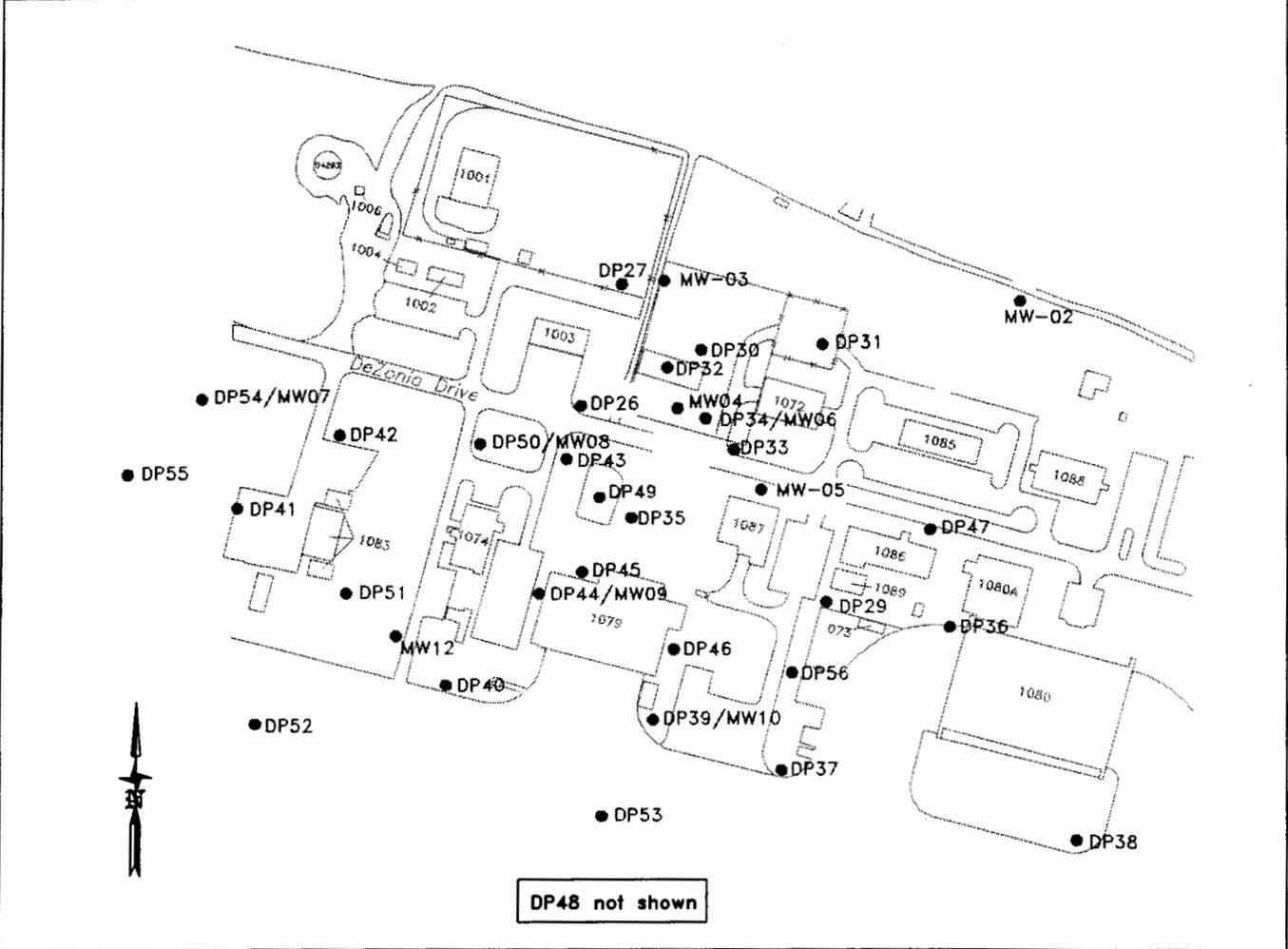
ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Grey/Tan Silty SAND, dry, loose, medium Sand some coarse Sand					SM
	4	Same as above, color change to Brown					SM
	6	Light brown SILT, damp, soft, trace fine Sand					ML
	8	Same as above but dry	121 ppm		SS61DP47S801		ML
	10	Light brown Sandy SILT, damp, soft, fine Sand			SS61DP47S1101		ML
	12						
	14	Light brown Silty CLAY, very moist, soft, low plasticity, some fine Sand					CL
	16	Light brown Silty CLAY, damp, stiff, fine white Sand lenses (caliche)					CL
	18	same as above, very moist					CL
		Grey Silty SAND, very moist, fine Sand lenses, some coarse Sand, some Clay					SM
		Total Depth=19.5 ft					

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP47

<b>HTRW DRILLING LOG</b>		DISTRICT OMAHA		HOLE NUMBER SS61-DP48	
1.COMPANY NAME Foster Wheeler Environmental Corp.		2.DRILL SUBCONTRACTOR Indian Fire and Safety		SHEET SHEETS 1 of 2	
3.PROJECT 5155.0027.0007		4.LOCATION SS-61, Holloman AFB			
5.NAME OF DRILLER Rafe Jones		6.MANUFACTURER'S DESIGNATION OF DRILL			
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT DPT Rig		8.HOLE LOCATION SS61-DP48			
		9.SURFACE ELEVATION N/A			
		10.DATE STARTED 5/10/00		11.DATE COMPLETED 5/10/00	
12.OVERBURDEN THICKNESS N/A		15.DEPTH GROUNDWATER ENCOUNTERED 15.0 ft			
13.DEPTH DRILLED INTO ROCK N/A		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 10.31 ft, 2 hours after drilling			
14.TOTAL DEPTH OF HOLE 19.5 ft		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18.GEOTECHNICAL SAMPLES None		DISTURBED N/A	UNDISTURBED N/A	19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)
		soil and water	N/A	soil - TRPH	water - TPH-JP4
22.DISPOSITION OF HOLE		BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR Luke Darragh
		V/ Bentonite	N/A		

LOCATION SKETCH/COMMENTS SCALE 1 inch = 300 feet



PROJECT 5155.0027.0007	HOLE NO. SS61-DP48
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP48

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

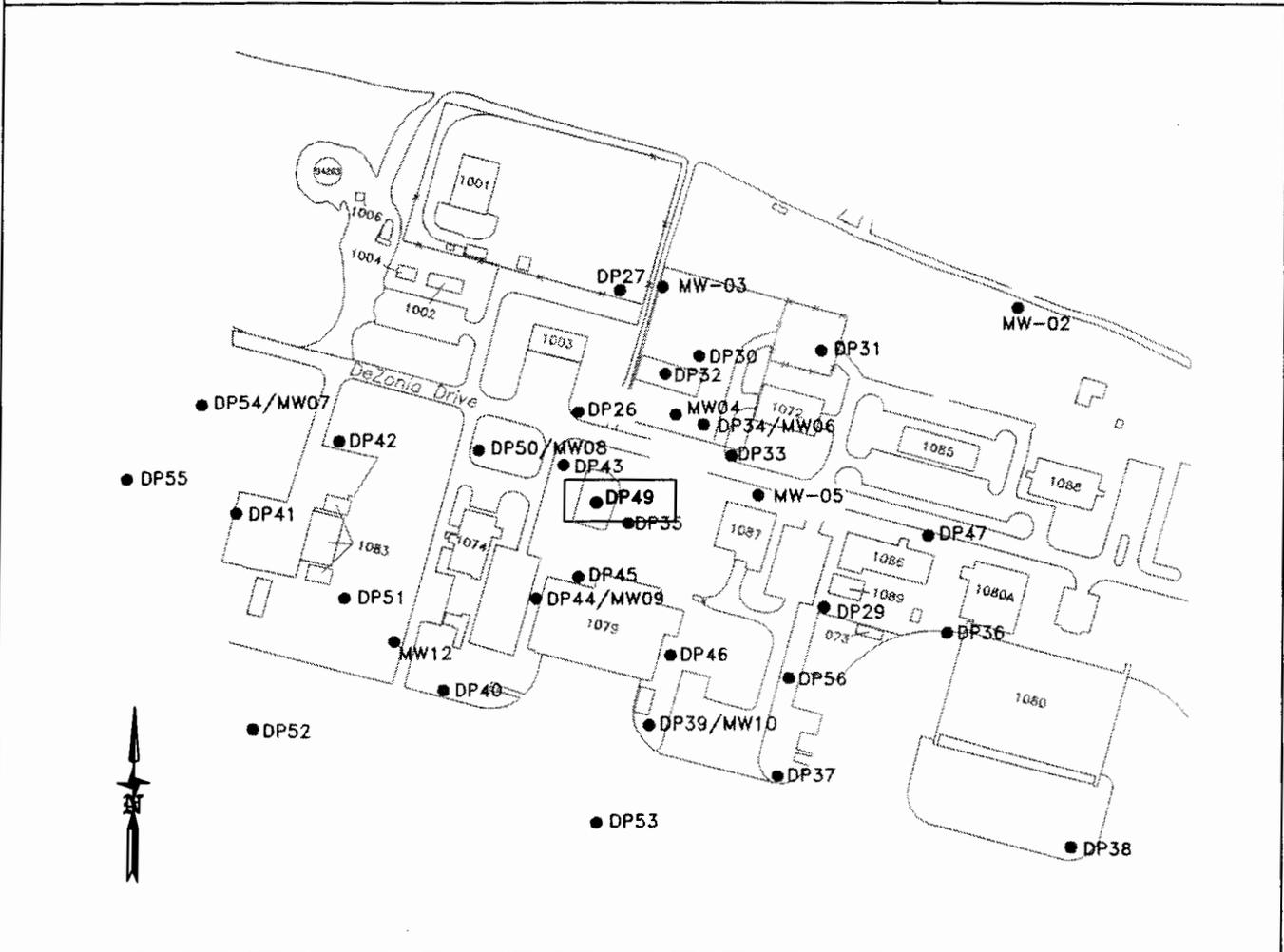
SHEET 2 OF 2 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Light Brown SILT, dry, soft, trace fine to medium Sand					ML
	4						
	6	Light brown Silty CLAY, dry, medium Stiffness, low plasticity, trace fine Sand					CL
	8	Grey Silty CLAY, dry, stiff, low plasticity, fine white Sand lenses throughout					CL
	10						
	12	Reddish brown Silty CLAY, damp, soft, low plasticity, trace fine to medium Sand, white sand lenses, moist at 13 ft.					CL
	14	Grey Clayey SAND, damp, medium density, medium to coarse Sand					SC
	16	Light brown Silty SAND, wet, loose, fine Sand					SM
	18	Grey Sandy CLAY, wet, stiff, low plasticity, fine Sand					CL
		Total Depth = 19.5 ft					

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP48

<b>HTRW DRILLING LOG</b>		DISTRICT <input type="checkbox"/> MAHA		HOLE NUMBER SS61-DP49	
1. COMPANY NAME Foster Wheeler Environmental Corp.		2. DRILL SUBCONTRACTOR Indian Fire and Safety		SHEET 1 of 3 SHEETS	
3. PROJECT 5155.0027.0007		4. LOCATION SS-61, Holloman AFB			
5. NAME OF DRILLER Rafe Jones		6. MANUFACTURER'S DESIGNATION OF DRILL			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT DPT Rig		8. HOLE LOCATION SS61-DP49			
		9. SURFACE ELEVATION N/A			
		10. DATE STARTED 5/10/00		11. DATE COMPLETED 5/10/00	
12. OVERBURDEN THICKNESS N/A		15. DEPTH GROUNDWATER ENCOUNTERED 16.5 ft			
13. DEPTH DRILLED INTO ROCK N/A		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 8.75 ft prior to sampling about 30 minutes after drilling			
14. TOTAL DEPTH OF HOLE 21.5 ft		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES None		DISTURBED N/A	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC soil and water	METALS N/A	OTHER (SPECIFY) soil - TRPH	OTHER (SPECIFY) water - TPH-JP4
22. DISPOSITION OF HOLE w/ bentonite		BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY %
				23. SIGNATURE OF INSPECTOR Luke Darragh	
LOCATION SKETCH/COMMENTS				SCALE 1 inch = 300 feet	



PROJECT	5155.0027.0007	HOLE NO.	SS61-DP49
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP49

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Light Brown Clayey SILT with Sand, damp/moist, soft, fine Sand, some medium Sand					ML
	4						
	6	Grey/Tan Silty SAND, moist, loose, medium Sand, trace coarse Sand					SM
	8	Brown Silty CLAY, damp, stiff, low plasticity, fine white Sand lenses	0.56 ppm				CL
	10						
	12	Brown Silty CLAY, damp, medium stiffness, low plasticity, trace medium Sand	69 ppm		SS61DP49S1101		CL
	14						
	16	Light brown Silty CLAY, damp, stiff, low plasticity, fine Sand lenses, trace crystals  Discoloration and odor from 16-16.5 ft, very moist			SS61DP491601		CL
	18	Grey Silty CLAY, wet, stiff, low plasticity, large crystals and white Sand lenses					CL

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP49

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**SS61-DP49**  
SHEET **3** OF **3** SHEETS

PROJECT **5155.0027.0007 H2000**

INSPECTOR **Luke Darragh**

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	22	Grey Silty SAND, wet, loose, fine Sand, trace medium Sand, discoloration, odor					SM
		TD = 21.5 ft					

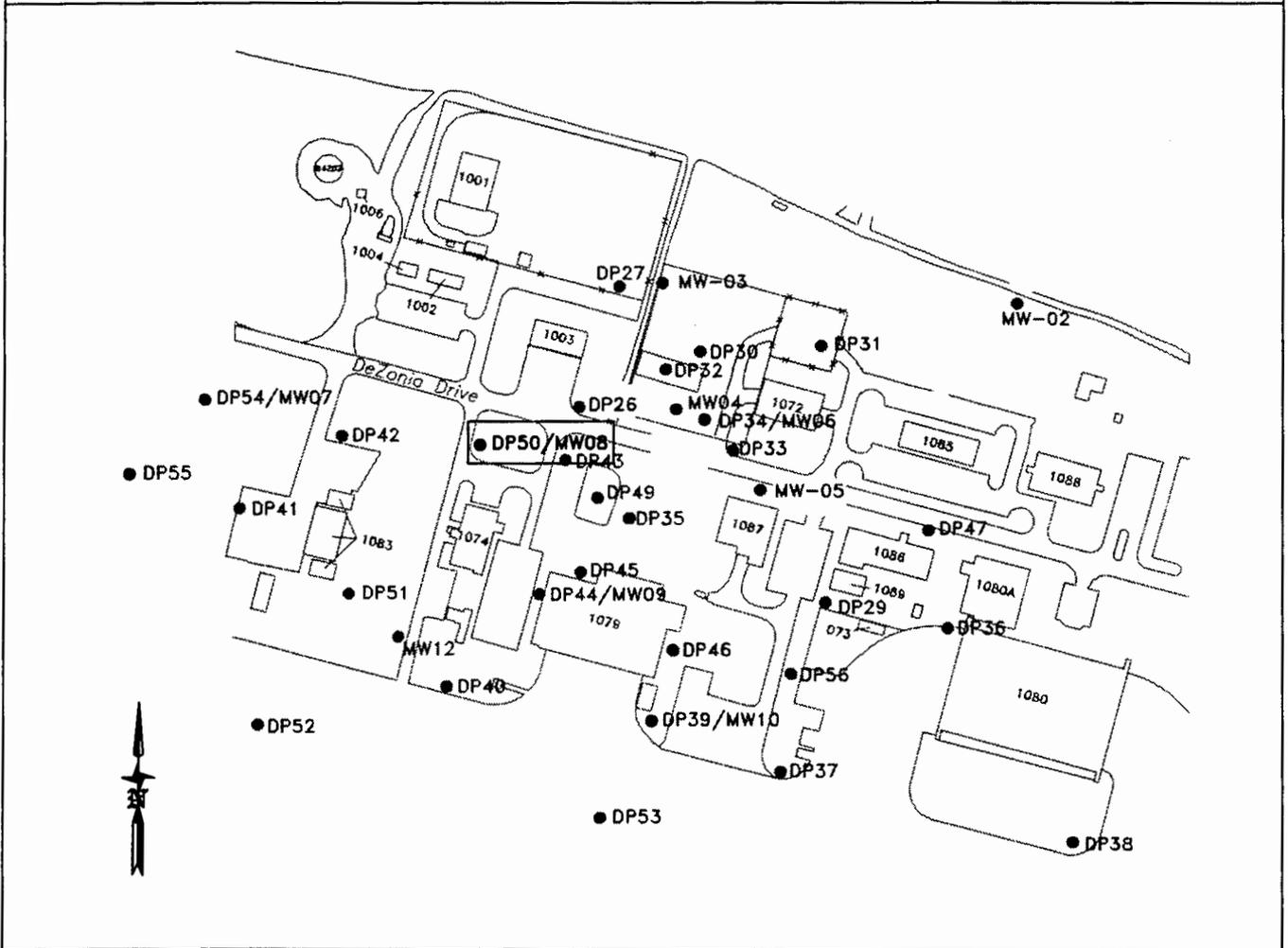
PROJECT **5155.0027.0007 H2000**

HOLE NO. **SS61-DP49**

<b>HTRW DRILLING LOG</b>		DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-DP50/MW08</b>	
1.COMPANY NAME <b>Foster Wheeler Environmental</b>		2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>		SHEET <b>1</b> SHEETS <b>3</b>	
3.PROJECT <b>5155.0027.0007</b>		4.LOCATION <b>SS61, Holloman AFB</b>			
5.NAME OF DRILLER <b>Rafe Jones</b>		6.MANUFACTURER'S DESIGNATION OF DRILL			
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-DP50/MW08</b>			
		9.SURFACE ELEVATION <b>N/A</b>			
		10.DATE STARTED <b>5/11/00</b>		11.DATE COMPLETED <b>5/11/00</b>	
12.OVERBURDEN THICKNESS <b>N/A</b>		15.DEPTH GROUNDWATER ENCOUNTERED <b>20.5 ft</b>			
13.DEPTH DRILLED INTO ROCK <b>N/A</b>		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>12.72 ft 4 hours after drilling</b>			
14.TOTAL DEPTH OF HOLE <b>22.5 ft</b>		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED		UNDISTURBED	
19.TOTAL NUMBER OF CORE BOXES		20.SAMPLES FOR CHEMICAL ANALYSIS		21.TOTAL CORE RECOVERY %	
		VOC		OTHER (SPECIFY)	
		METALS		OTHER (SPECIFY)	
		OTHER (SPECIFY)		OTHER (SPECIFY)	
22.DISPOSITION OF HOLE		23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>			
		soil and water		sol - TRPH	
		BACKFILLED		water - TPH-JP4	
		w/ bentonite		OTHER (SPECIFY)	
		MONITORING WELL			
		Yes, MW-08			

LOCATION SKETCH/COMMENTS

SCALE 1 Inch = 300 feet



PROJECT **5155.0027.0007**

HOLE NO. **SS61-DP50/MW08**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP50/MV08

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		0-6 inches is gravel					
	2	Light brown Clayey SILT, dry, soft, some fine Sand					ML
	4	Light brown Sandy SILT with fine Sand, damp, soft, trace coarse Sand					ML
	6						
	8	Grey Silty CLAY, stiff, low plasticity, some medium Sand					CL
	10	Same as above but damp			SS61DP50S1001		CL
	12	Light Brown Silty CLAY with medium Sand, moist, soft  Very moist from 12.5 to 13 ft					CL
	14	Light brown Silty CLAY, moist, low plasticity, medium stiffness, some fine Sand, trace medium Sand			SS61DP50S1501		CL
	16	Same as above but has moderate plasticity, slight odor	75.23 ppm				CL
	18	Grey Silty CLAY, moist, medium stiffness, fine white Sand lenses, some small crystals and some discoloration, odor	36.0 ppm				CL

PROJECT 5155.0027.0007 H2000

HOLE NO.  
SS61-DP50/MV08

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP50/HV08

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 3 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	22	Grey Silty CLAY with fine to medium Sand, wet, soft, low plasticity, discoloration and an odor					CL
	24	TD = 22.5 ft					

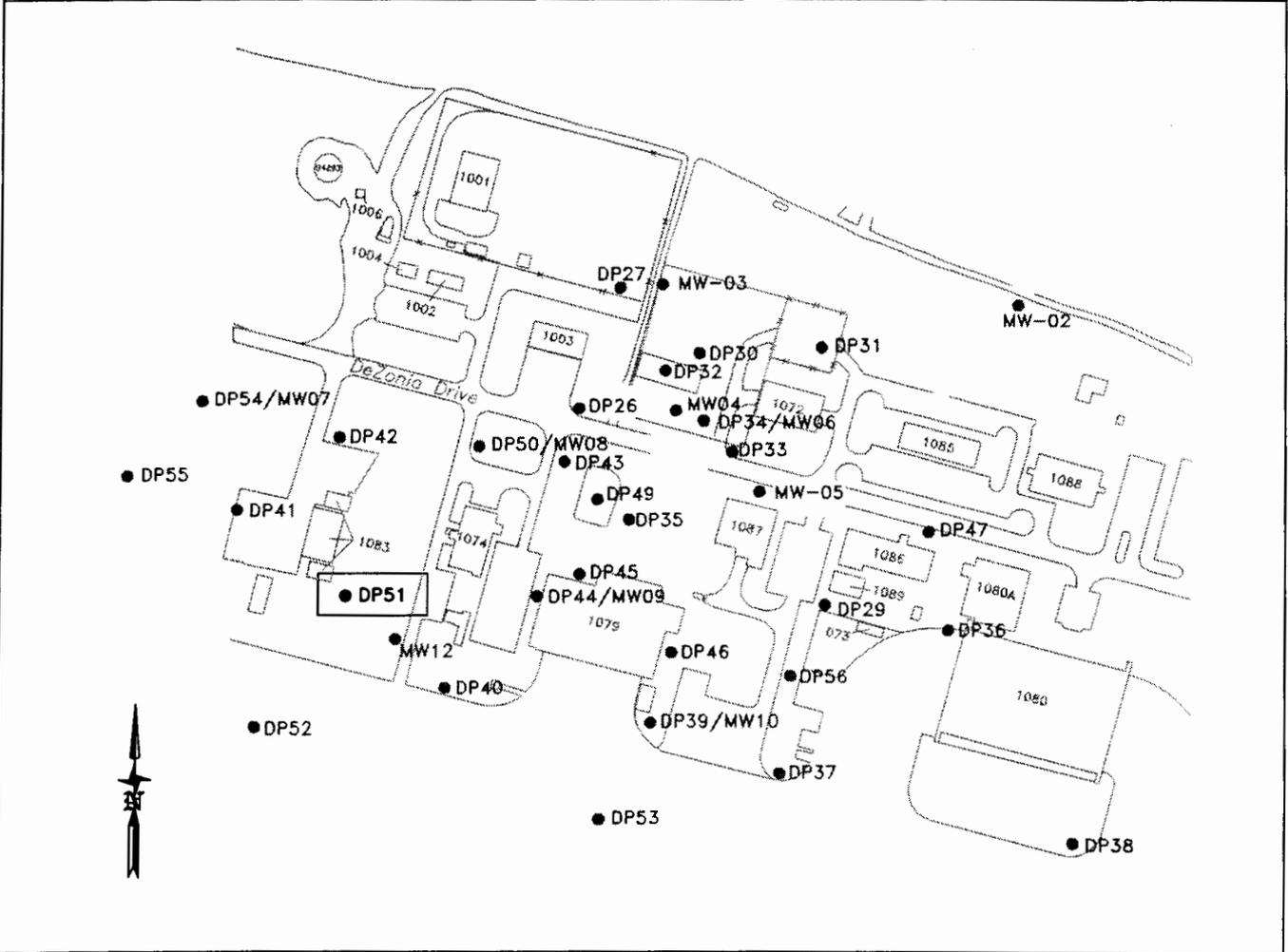
PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP50/HV08

<b>HTRW DRILLING LOG</b>		DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-DP51</b>	
1.COMPANY NAME <b>Foster Wheeler Environmental Corp.</b>		2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>		SHEET SHEETS <b>1 OF 2</b>	
3.PROJECT <b>5155.0027.0007</b>		4.LOCATION <b>SS-61, Holloman AFB</b>			
5.NAME OF DRILLER <b>Rafe Jones</b>		6.MANUFACTURER'S DESIGNATION OF DRILL			
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-DP51</b>			
		9.SURFACE ELEVATION <b>N/A</b>			
		10.DATE STARTED <b>5/11/00</b>		11.DATE COMPLETED <b>5/11/00</b>	
12.OVERBURDEN THICKNESS <b>N/A</b>		15.DEPTH GROUNDWATER ENCOUNTERED <b>15.5 ft</b>			
13.DEPTH DRILLED INTO ROCK <b>N/A</b>		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED			
14.TOTAL DEPTH OF HOLE <b>20.5 ft</b>		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED <b>N/A</b>	UNDISTURBED <b>N/A</b>	19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC	METALS	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY %
		soil and water	N/A	Soil - TRPH	
22.DISPOSITION OF HOLE		BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR
		w/ bentonite	N/A		<b>Luke Darragh</b>

LOCATION SKETCH/COMMENTS

SCALE 1 inch = 300 feet



PROJECT <b>5155.0027.0007</b>	HOLE NO. <b>SS61-DP51</b>
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**SS61-DP51**

PROJECT **5155.0027.0007 H2000**

INSPECTOR **Luke Darragh**

SHEET **2** OF **2** SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Brown Silty CLAY, dry, soft, fine white Sand lenses throughout, low plasticity					CL
	4						
	6	Light brown Sandy SILT with fine sand, damp, soft, trace medium Sand					ML
	8						
	10	Grey/Tan Clayey SILT, some medium Sand, moist, soft, trace coarse Sand					ML
	12	Same as above with more medium Sand and coarse Sand (rounded)					ML
	14	Brown Silty CLAY, moist, soft, low plasticity, medium to coarse rounded Sand			SS61DP51S1401 SS61DP51S1402		CL
	16	Grey Silty CLAY, wet, soft, some medium to coarse Sand					CL
	18	Reddish brown Silty CLAY, very moist, fine to medium white Sand lenses, some small crystals, low plasticity					CL
		Grey/Green Silty CLAY, wet, soft, low plasticity, some medium to coarse Sand, discoloration and odor					CL
		TD = 20.5 ft					

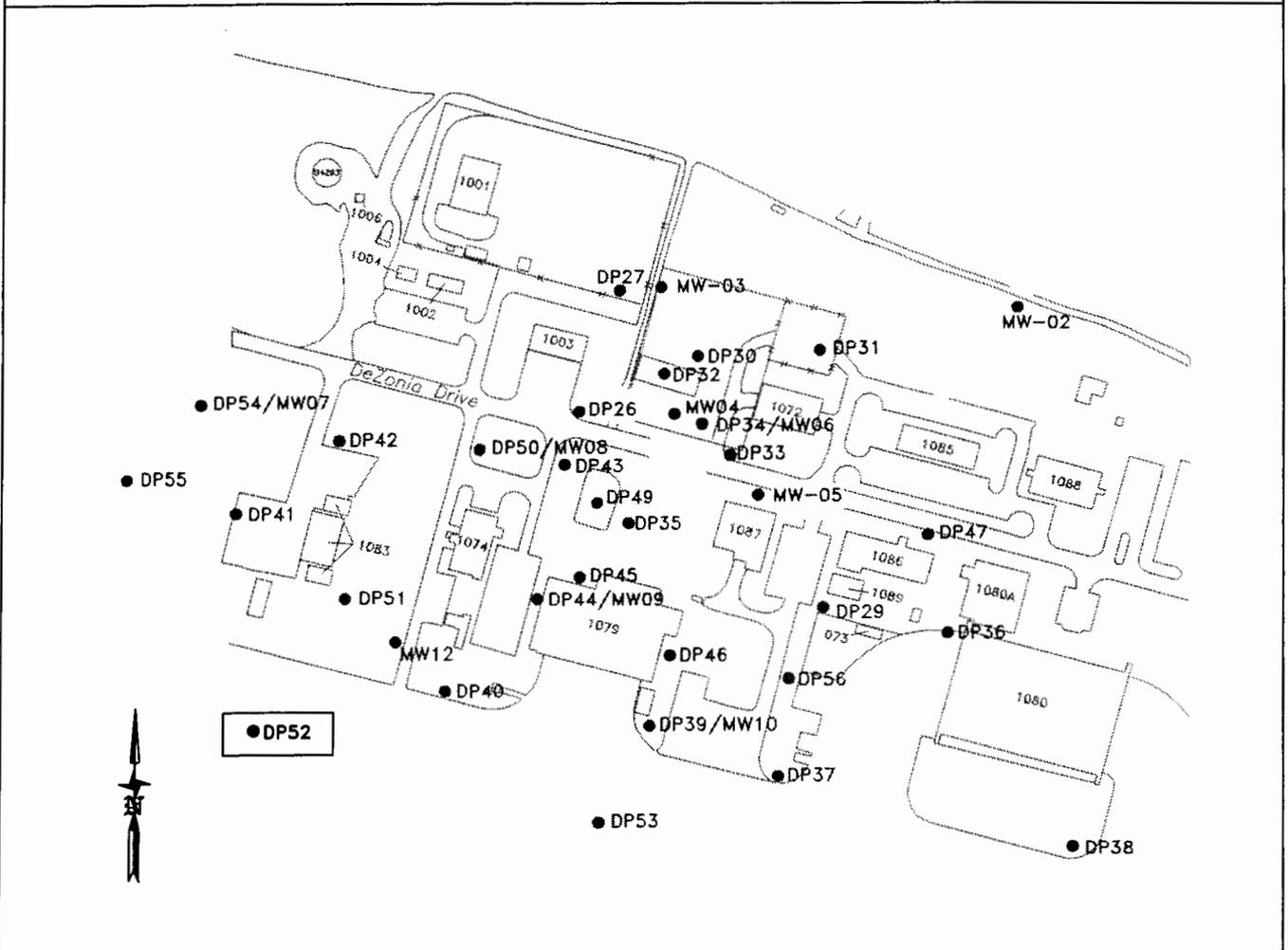
PROJECT **5155.0027.0007 H2000**

HOLE NO. **SS61-DP51**

<b>HTRW DRILLING LOG</b>			DISTRICT <b>OMAHA</b>			HOLE NUMBER <b>SS61-DP52</b>		
1.COMPANY NAME <b>Foster Wheeler Environmental Corp.</b>			2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>			SHEET <b>1</b> of <b>3</b> SHEETS		
3.PROJECT <b>5155.0027.0007</b>			4.LOCATION <b>SS-61, Holloman AFB</b>					
5.NAME OF DRILLER <b>Rafe Jones</b>			6.MANUFACTURER'S DESIGNATION OF DRILL					
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>			8.HOLE LOCATION <b>SS61-DP52</b>					
			9.SURFACE ELEVATION <b>N/A</b>					
			10.DATE STARTED <b>5/11/00</b>			11.DATE COMPLETED <b>5/11/00</b>		
12.OVERBURDEN THICKNESS <b>N/A</b>			15.DEPTH GROUNDWATER ENCOUNTERED <b>18 ft</b>					
13.DEPTH DRILLED INTO ROCK <b>N/A</b>			16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>16.25 ft, 5 minutes after drilling</b>					
14.TOTAL DEPTH OF HOLE <b>24.5 ft</b>			17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18.GEOTECHNICAL SAMPLES <b>None</b>			DISTURBED <b>N/A</b>		UNDISTURBED <b>N/A</b>		19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS			VOC		METALS		OTHER (SPECIFY)	
			soil and water		N/A		soil - TRPH	
22.DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)	
			w/ bentonite		N/A		23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>	

LOCATION SKETCH/COMMENTS

SCALE 1 inch = 300 feet



PROJECT **5155.0027.0007**

HOLE NO. **SS61-DP52**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP52  
SHEET 2 OF 3 SHEETS

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		0-13 inches- black top and cement					
	2	Tan Silty SAND, dry, loose, medium to coarse Sand, trace subrounded gravel 7 mm in size					SM
	4	Tan Sandy SILT, damp, soft, medium Sand, trace fine Sand					ML
	6	Tan Silty SAND, damp, loose, medium Sand, some subangular gravel 10 mm in size					SM
	8	Reddish brown SILT, dry, soft, trace fine to medium Sand					ML
	10	Brown Silty SAND, damp, loose, medium Sand, trace coarse Sand					SM
	12	Reddish brown Silty CLAY, damp, soft, small crystals throughout, trace large crystals 20 mm in size, medium plasticity, fine white Sand lenses (caliche)					CL
	14						
	16				SS61DP52S1501		
	18	Reddish brown Silty CLAY, wet, medium plasticity, soft, white and brown Sand lenses throughout, small crystals					CL

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP52

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP52

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 3 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		Same as above					CL
	22	Brown/Tan Clayey SILT with Sand, wet, soft, medium Sand, trace coarse Sand					ML
	24	TD = 24.5 ft					

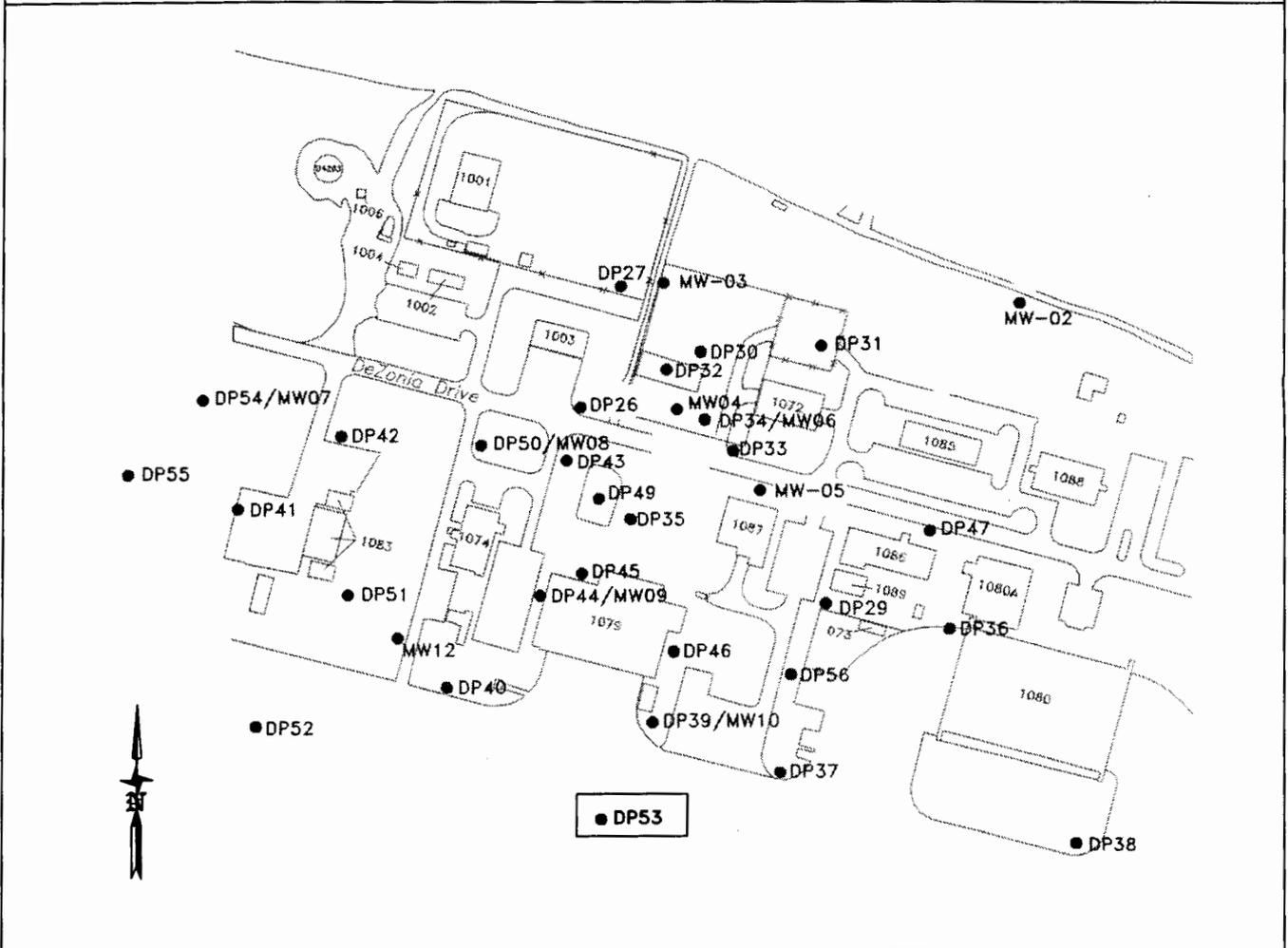
PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP52

<b>HTRW DRILLING LOG</b>		DISTRICT OMAHA		HOLE NUMBER SS61-DP53	
1.COMPANY NAME Foster Wheeler Environmental Corp.		2.DRILL SUBCONTRACTOR Indian Fire and Safety		SHEET SHEETS 1 of 3	
3.PROJECT 5155.0027.0007		4.LOCATION SS-61, Holloman AFB			
5.NAME OF DRILLER Rafe Jones		6.MANUFACTURER'S DESIGNATION OF DRILL			
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT DPT Rig		8.HOLE LOCATION SS61-DP53			
		9.SURFACE ELEVATION N/A			
		10.DATE STARTED 5/11/00		11.DATE COMPLETED 5/11/00	
12.OVERBURDEN THICKNESS N/A		15.DEPTH GROUNDWATER ENCOUNTERED 22.5 ft			
13.DEPTH DRILLED INTO ROCK N/A		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 11.59 ft, 5 minutes after drilling			
14.TOTAL DEPTH OF HOLE 24.5 ft		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18.GEOTECHNICAL SAMPLES None		DISTURBED N/A	UNDISTURBED N/A	19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)
		sol and water	N/A	sol - TRPH	water - TPH-IP4
22.DISPOSITION OF HOLE		BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY %
		w/bentonite	N/A		23.SIGNATURE OF INSPECTOR Luke Darragh

LOCATION SKETCH/COMMENTS

SCALE 1 Inch = 300 feet



PROJECT 5155.0027.0007	HOLE NO. SS61-DP53
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**SS61-DP53**  
 SHEET **2** OF **3** SHEETS

PROJECT **5155.0027.0007 H2000**

INSPECTOR **Luke Darragh**

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		asphalt/ concrete					
	2	Tan Silty CLAY, moist, soft, Trace fine and medium Sand					CL
	4	Tan Sandy SILT, moist, soft, fine to medium Sand					ML
	6						
	8	Brown Silty CLAY with Sand, damp/ moist, soft, fine to medium Sand  very wet from 8.5 to 9.0 ft					CL
	10						
	12	Light brown Silty CLAY, damp, soft, some fine white Sand lenses throughout, medium plasticity					CL
	14	Brown Silty CLAY with Sand, damp, soft, medium to coarse Sand					CL
	16	Reddish Brown Clayey SILT, damp, medium stiffness, trace fine Sand					ML
	18	Reddish Brown Silty CLAY, damp, medium stiffness, medium plasticity, fine Sand lenses and small crystals					CL
		Same as above but very moist at 19 ft					CL

PROJECT **5155.0027.0007 H2000**

HOLE NO. **SS61-DP53**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**SS61-DP53**  
 SHEET **3** OF **3** SHEETS

PROJECT **5155.0027.0007 H2000**

INSPECTOR **Luke Darragh**

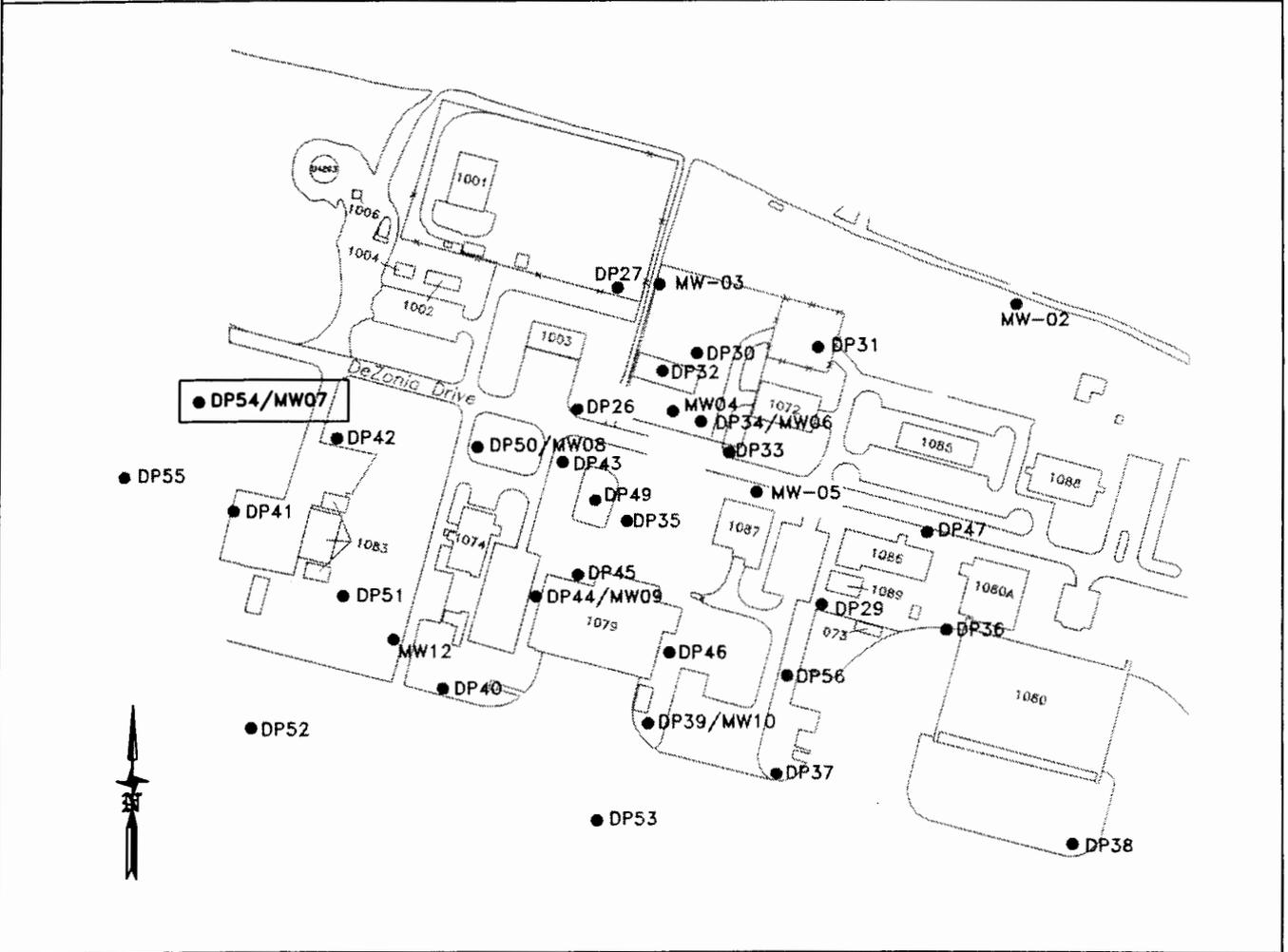
ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	22	Reddish Brown Silty CLAY, very moist, soft, sand lenses and crystals					CL
		Silty SAND, moist, loose, fine Sand, some medium Sand					SM
		Same as above but wet					SM
	24	Reddish Brown Silty CLAY, wet, stiff, some medium Sand					CL
	26	TD = 24.5 ft					

PROJECT **5155.0027.0007 H2000**

HOLE NO. **SS61-DP53**

<b>HTRW DRILLING LOG</b>		DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-DP54/MW07</b>	
1.COMPANY NAME <b>Foster Wheeler Environmental Corp.</b>		2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>		SHEET SHEETS <b>1 of 3</b>	
3.PROJECT <b>5155.0027.0007</b>			4.LOCATION <b>SS-61, Holloman AFB</b>		
5.NAME OF DRILLER <b>Rafe Jones</b>			6.MANUFACTURER'S DESIGNATION OF DRILL		
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-DP54/MW07</b>			
9.SURFACE ELEVATION <b>N/A</b>					
10.DATE STARTED <b>5/12/00</b>			11.DATE COMPLETED <b>5/12/00</b>		
12.OVERBURDEN THICKNESS <b>N/A</b>		15.DEPTH GROUNDWATER ENCOUNTERED <b>19.0 ft</b>			
13.DEPTH DRILLED INTO ROCK <b>N/A</b>		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>15.25 ft, 10 minutes after drilling</b>			
14.TOTAL DEPTH OF HOLE <b>22 ft</b>		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED <b>N/A</b>	UNDISTURBED <b>N/A</b>	19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)
		soil and water	N/A	soil - TRPH	water - TPH-JP4
22.DISPOSITION OF HOLE		BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY %
		w/ bentonite	N/A		
				23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>	

LOCATION SKETCH/COMMENTS SCALE 1 inch = 300 feet



PROJECT <b>5155.0027.0007</b>	HOLE NO. <b>SS61-DP54/MW07</b>
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP54/MW07

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Tan Silty SAND, dry, loose, medium to coarse Sand, trace subrounded gravel 15 mm in size					SM
	4	Light brown Silty CLAY with Sand, damp, soft, low plasticity, medium Sand					CL
	6	Light brown Sandy SILT, soft, fine to medium Sand					ML
	8	Tan Silty SAND, dry, loose, medium Sand					SM
	10	Tan Silty SAND, dry, loose, medium to coarse Sand					SM
	12	Reddish brown Silty CLAY, damp, soft, medium plasticity, trace medium white Sand lenses					CL
	14	Same as above with a medium stiffness					CL
	16	Same as above with medium to coarse Sand					CL
	18	Same as above with a color change to grey			SS61DP54S1401		CL
	20	Grey Silty CLAY, damp/moist, soft, some medium to coarse Sand					CL
	22						CL

PROJECT 5155.0027.0007 H2000

HOLE NO.  
SS61-DP54/MW07

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP54/MW07

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 3 OF SHEETS 3

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	22	Reddish brown Silty CLAY, wet, medium stiffness, medium to high plasticity, trace medium Sand and 5 mm crystals					CL
		TD = 22 ft					

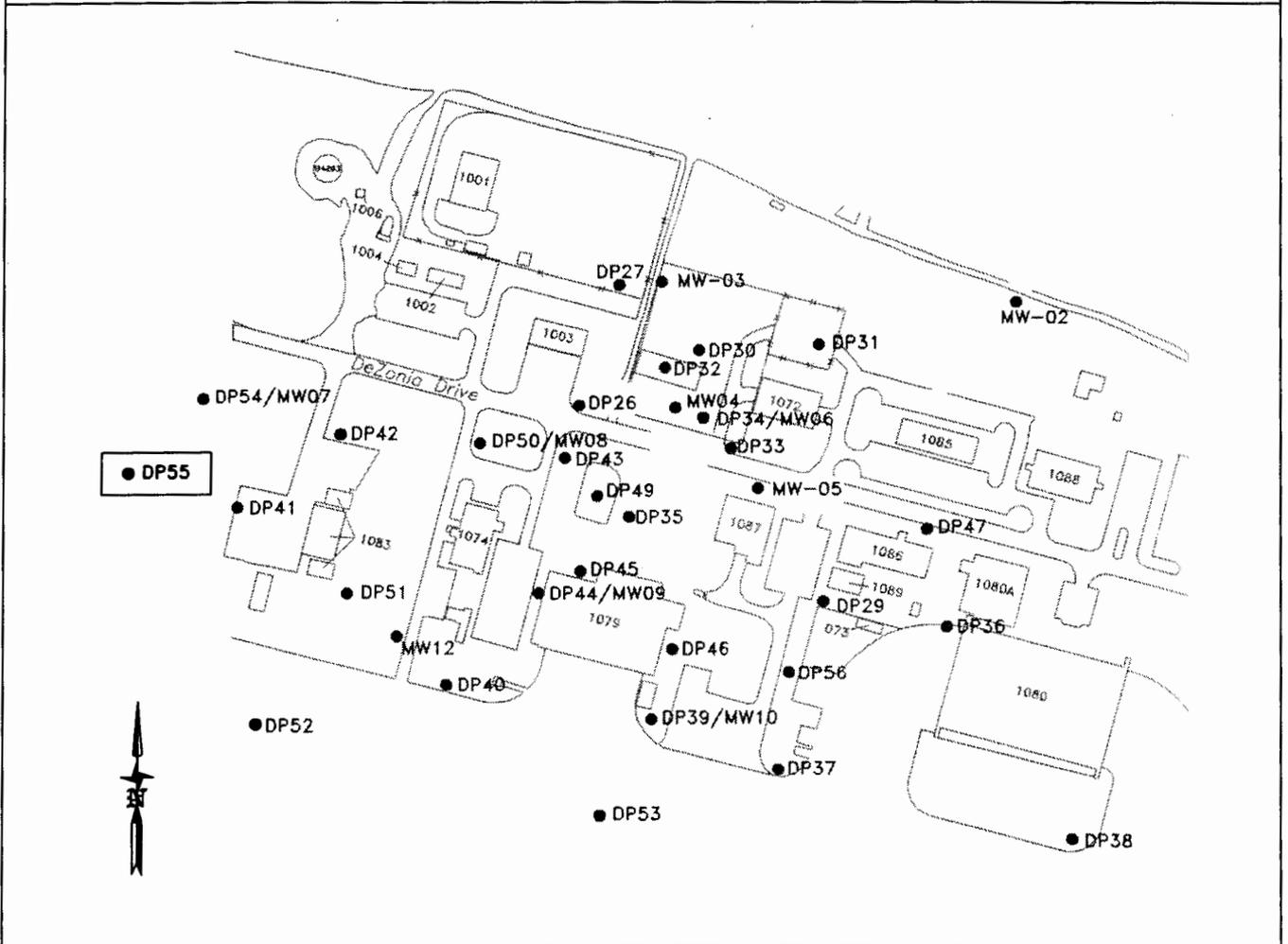
PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP54/MW07

<b>HTRW DRILLING LOG</b>			DISTRICT OMAHA			HOLE NUMBER SS61-DP55		
1.COMPANY NAME Foster Wheeler Environmental Corp.			2.DRILL SUBCONTRACTOR Indian Fire and Safety			SHEET SHEETS 1 OF 2		
3.PROJECT 5155.0027.0007			4.LOCATION SS-61, Holloman AFB					
5.NAME OF DRILLER Rafe Jones			6.MANUFACTURER'S DESIGNATION OF DRILL					
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT DPT Rig			8.HOLE LOCATION SS61-DP55					
			9.SURFACE ELEVATION N/A					
			10.DATE STARTED 5/12/00			11.DATE COMPLETED 5/12/00		
12.OVERBURDEN THICKNESS N/A			15.DEPTH GROUNDWATER ENCOUNTERED 16.0 ft					
13.DEPTH DRILLED INTO ROCK N/A			16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 14.95 ft, 5 minutes after drilling					
14.TOTAL DEPTH OF HOLE 19.0 ft			17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18.GEOTECHNICAL SAMPLES None			DISTURBED N/A		UNDISTURBED N/A		19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS			VOC sol and water		METALS N/A		OTHER (SPECIFY) sol - TRPH	
22.DISPOSITION OF HOLE w/ bentonite			BACKFILLED		MONITORING WELL N/A		OTHER (SPECIFY)	
							23.SIGNATURE OF INSPECTOR Luke Darragh	

LOCATION SKETCH/COMMENTS

SCALE 1 Inch = 300 feet



PROJECT	5155.0027.0007	HOLE NO.	SS61-DP55
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP55  
SHEET 2 OF 2 SHEETS

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

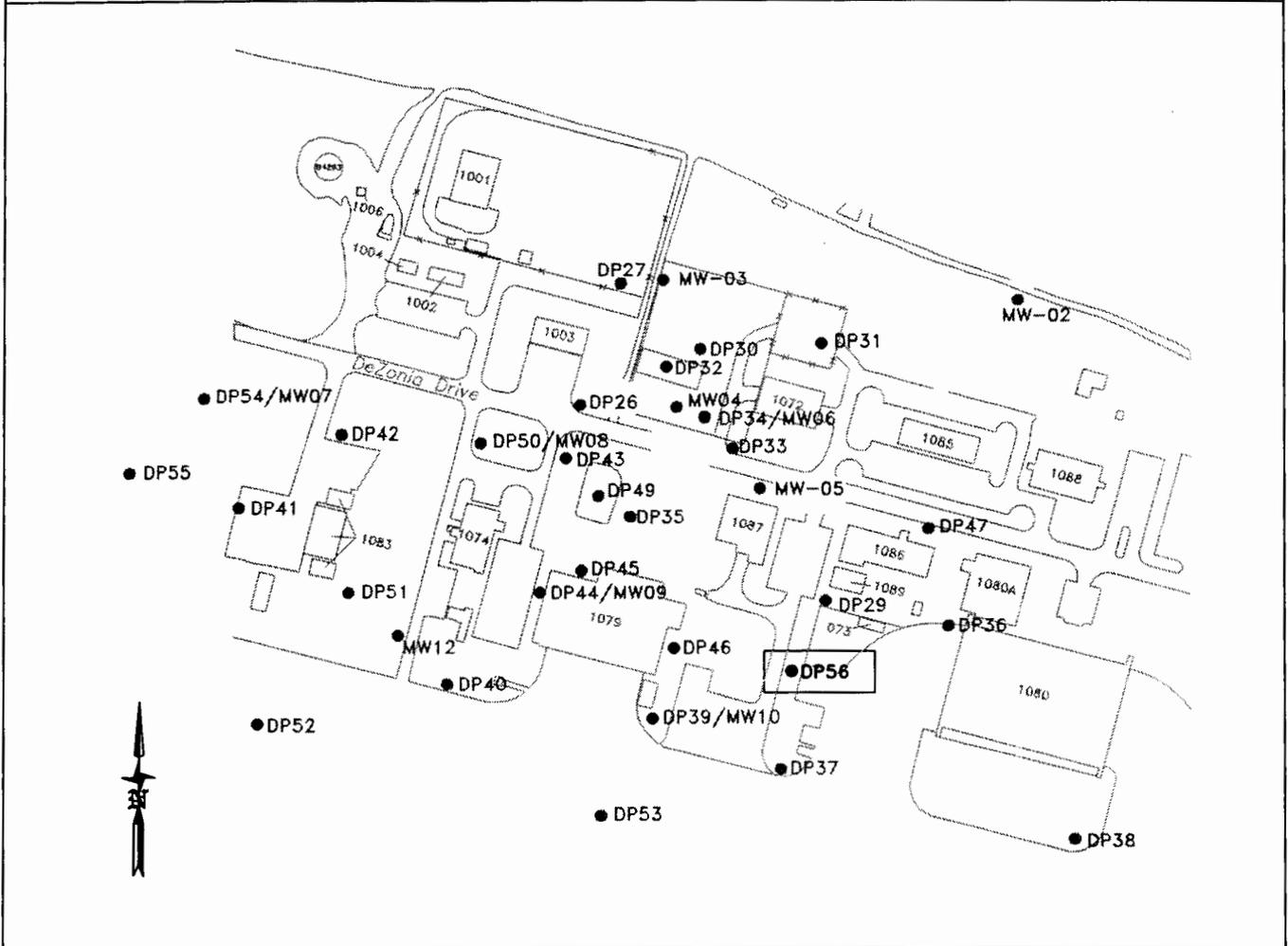
ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Some asphalt near surface Light brown Clayey SILT with Sand, damp, soft, fine to medium Sand					ML
	4	Light brown SILTY CLAY with fine Sand, damp, soft, low plasticity					CL
	6	Reddish brown SILT, dry, soft, trace fine Sand					ML
	8	Grey/Tan SAND with SILT, well graded, dry, loose, some Clay					SW
	10	Brown SILTY CLAY, damp, stiff, fine white Sand lenses, small crystals					CL
	12	Reddish brown SILTY CLAY, damp, soft, moderate plasticity, some fine Sand			SS61DP55S1201		CL
	14	Grey SILTY CLAY, wet, soft, some fine to medium Sand, trace coarse Sand					CL
	16	Reddish brown SILTY CLAY with Sand, wet, soft, low plasticity, medium to coarse Sand					CL
	18						
		Total Depth = 19 ft					

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP55

<b>HTRW DRILLING LOG</b>		DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-DP56</b>		
1.COMPANY NAME <b>Foster Wheeler Environmental Corp.</b>		2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>		SHEET SHEETS <b>1 of 3</b>		
3.PROJECT <b>5155.0027.0007</b>		4.LOCATION <b>SS-61, Holloman AFB</b>				
5.NAME OF DRILLER <b>Rafe Jones</b>		6.MANUFACTURER'S DESIGNATION OF DRILL				
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-DP56</b>				
		9.SURFACE ELEVATION <b>N/A</b>				
		10.DATE STARTED <b>5/12/00</b>		11.DATE COMPLETED <b>5/12/00</b>		
12.OVERBURDEN THICKNESS <b>N/A</b>		15.DEPTH GROUNDWATER ENCOUNTERED <b>18 ft</b>				
13.DEPTH DRILLED INTO ROCK <b>N/A</b>		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>18.03 ft, 5 minutes after drilling</b>				
14.TOTAL DEPTH OF HOLE <b>23.0 ft</b>		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>12.76 ft after sampling</b>				
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED <b>N/A</b>	UNDISTURBED <b>N/A</b>	19.TOTAL NUMBER OF CORE BOXES		
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>soil and water</b>	METALS <b>N/A</b>	OTHER (SPECIFY) <b>soil - TRPH</b>	OTHER (SPECIFY) <b>water - TPH-JP4</b>	21.TOTAL CORE RECOVERY %
22.DISPOSITION OF HOLE <b>w/ bentonite</b>		BACKFILLED	MONITORING WELL <b>N/A</b>	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>	

LOCATION SKETCH/COMMENTS SCALE 1 Inch = 300 feet



PROJECT <b>5155.0027.0007</b>	HOLE NO. <b>SS61-DP56</b>
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**SS61-DP56**  
SHEET 2 OF 3 SHEETS

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Reddish brown SILTY SAND, dry, fine to medium Sand, trace coarse Sand					SM
	4	Reddish brown SILT, damp, soft, trace fine Sand					ML
	6	Reddish brown Silty SILT, very moist/wet, soft, fine Sand					ML
	8	Reddish brown Silty SILT, very moist/wet, soft, fine Sand					ML
	10	Grey Silty CLAY, damp, soft, some fine to medium Sand					CL
	12	Reddish brown Silty CLAY, damp/moist, stiff, fine grey Sand lenses, moderate plasticity					CL
	14	Light brown Clayey SILT, damp/moist, soft, trace fine Sand					ML
	16	Reddish brown Silty CLAY, moist, stiff, fine white Sand lenses (caliche), moderate plasticity					CL
	18	Same as above but very moist					CL
	20	Same as above but wet					CL
	22	Same as above but not as wet- moist					CL

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP56

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**SS61-DP56**  
 SHEET  
**3** OF **3** SHEETS

PROJECT **5155.0027.0007 H2000**

INSPECTOR **Luke Darragh**

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	22	Reddish brown Silty CLAY, wet, stiff, fine white Sand lenses, moderate plasticity  Slight discoloration from 22 to 23 ft					CL
	24	Total Depth = 23 ft					

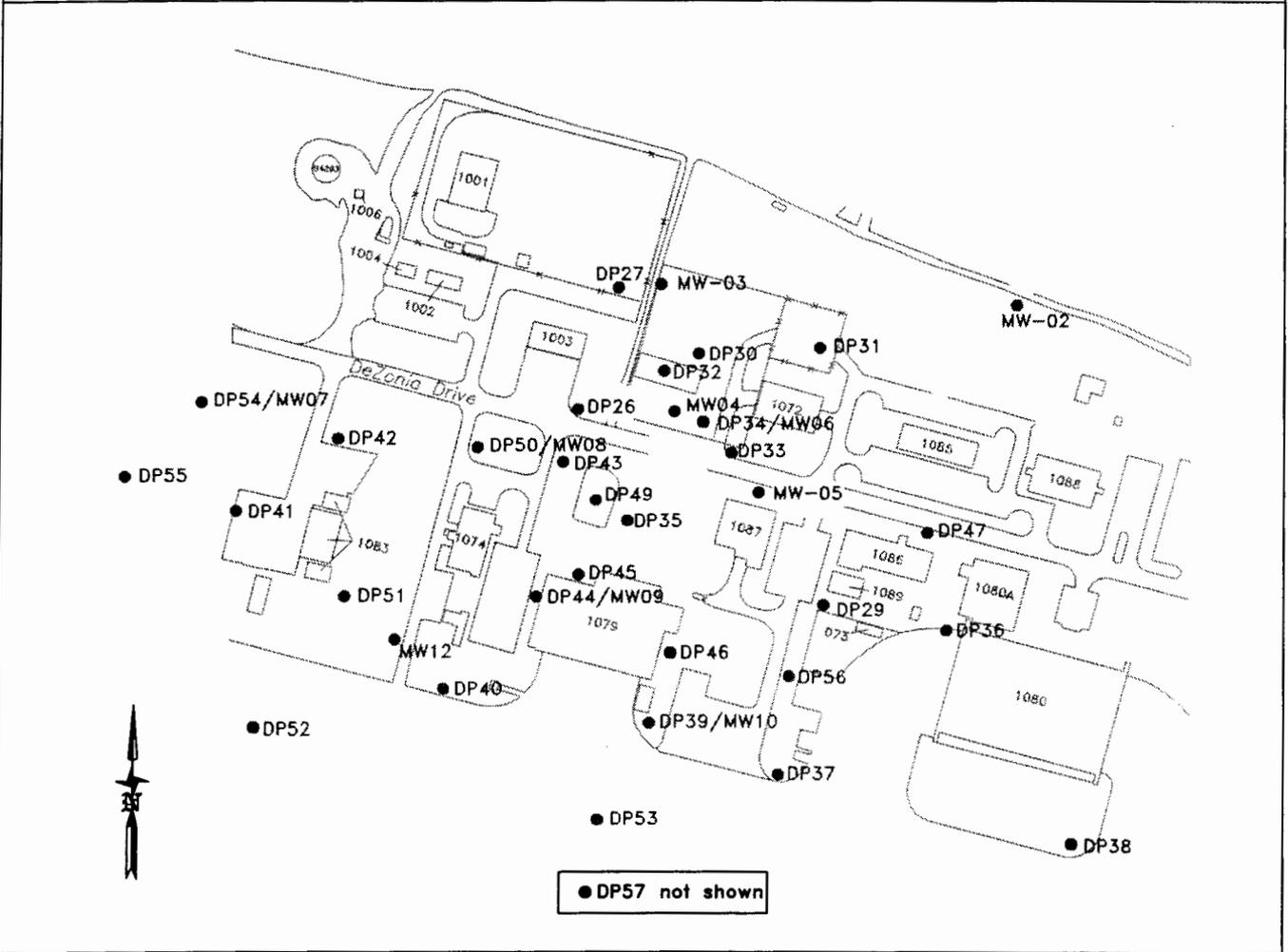
PROJECT **5155.0027.0007 H2000**

HOLE NO. **SS61-DP56**

<b>HTRW DRILLING LOG</b>			DISTRICT <b>OMAHA</b>			HOLE NUMBER <b>SS61-DP57</b>		
1.COMPANY NAME <b>Foster Wheeler Environmental Corp.</b>			2.DRILL SUBCONTRACTOR <b>Indian Fire and Safety</b>			SHEET SHEETS <b>1 OF 2</b>		
3.PROJECT <b>5155.0027.0007</b>			4.LOCATION <b>SS-61, Holloman AFB</b>					
5.NAME OF DRILLER <b>Rafe Jones</b>			6.MANUFACTURER'S DESIGNATION OF DRILL					
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		<b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-DP57</b>				
			9.SURFACE ELEVATION <b>N/A</b>					
			10.DATE STARTED <b>5/12/00</b>			11.DATE COMPLETED <b>5/12/00</b>		
12.OVERBURDEN THICKNESS <b>N/A</b>			15.DEPTH GROUNDWATER ENCOUNTERED <b>13 ft</b>					
13.DEPTH DRILLED INTO ROCK <b>N/A</b>			16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>7.11 ft, 5 minutes after drilling</b>					
14.TOTAL DEPTH OF HOLE <b>15.0 ft</b>			17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18.GEOTECHNICAL SAMPLES <b>None</b>			DISTURBED		UNDISTURBED		19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS			VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21.TOTAL CORE RECOVERY %
			soil and water	N/A	soil - TRPH	water - TPH-JP4		
22.DISPOSITION OF HOLE			BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>		
			w/ bentonite	N/A				

LOCATION SKETCH/COMMENTS

SCALE 1 Inch = 300 feet



PROJECT <b>5155.0027.0007</b>	HOLE NO. <b>SS61-DP57</b>
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-DP57

PROJECT 5155.0027.0007 H2000

INSPECTOR Luke Darragh

SHEET 2 of 2 SHEETS

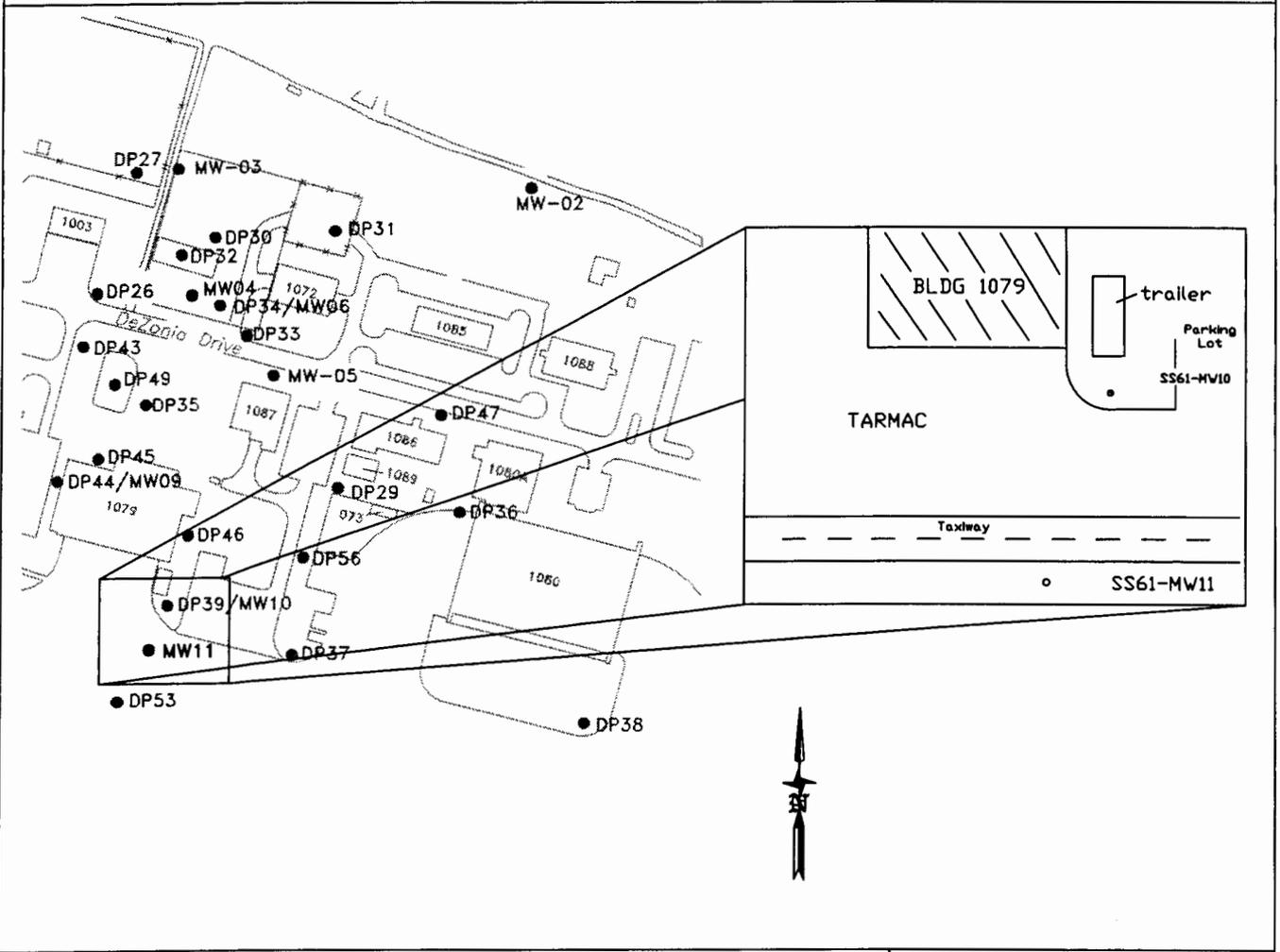
ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Light brown Silty CLAY, very moist, soft, low plasticity, trace fine Sand					CL
	4	Reddish brown Silty CLAY with Sand, very moist, fine white Sand lenses, trace crystals					CL
	6						
	8	Brown Silty SAND, very moist, loose, fine and medium Sand, trace coarse Sand					SM
	10	Reddish brown Silty CLAY, moist, stiff, slight plasticity, fine white Sand lenses					CL
	12	Reddish brown Silty CLAY with Sand, moist, soft, fine Sand, trace medium Sand					CL
	14	Brown Clayey SAND, well graded, loose, trace subrounded gravel					SW
	14	Brown Silty CLAY, very moist, medium stiffness, low plasticity					CL
	16	Total Depth = 15.0 ft					
	18						

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-DP57

<b>HTRW DRILLING LOG</b>		DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-MW11</b>	
1.COMPANY NAME <b>Foster Wheeler Environmental Corp.</b>		2.DRILL SUBCONTRACTOR <b>Enviro-Drill</b>		SHEET <b>1</b> OF <b>3</b>	
3.PROJECT <b>5155.0027.0007</b>		4.LOCATION <b>SS-61, Holloman AFB</b>			
5.NAME OF DRILLER <b>D. Starnes</b>		6.MANUFACTURER'S DESIGNATION OF DRILL <b>CME 75 hollow stem auger</b>			
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-MW11</b>			
		9.SURFACE ELEVATION <b>N/A</b>			
		10.DATE STARTED <b>5/24/00</b>		11.DATE COMPLETED <b>5/24/00</b>	
12.OVERBURDEN THICKNESS <b>N/A</b>		15.DEPTH GROUNDWATER ENCOUNTERED <b>17.5 ft</b>			
13.DEPTH DRILLED INTO ROCK <b>N/A</b>		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14.TOTAL DEPTH OF HOLE <b>23.0 ft</b>		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED		UNDISTURBED	
19.TOTAL NUMBER OF CORE BOXES					
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)
		<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
21.TOTAL CORE RECOVERY %					
22.DISPOSITION OF HOLE		BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>
		<b>YES, MV-11</b>			

LOCATION SKETCH/COMMENTS SCALE 1 inch = 300 feet



PROJECT <b>5155.0027.0007</b>	HOLE NO. <b>SS61-MW11</b>
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-MW11

PROJECT 5155.0027.0007 H2000

INSPECTOR Jill Jefferson

SHEET 2 OF 3 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Brown SILT with some Sand, trace moisture, well graded					SM
	4	Light reddish brown CLAY with some silt, moist, moderately plastic, well graded					CL
	6						
	8	Light reddish brown CLAY with silt and fine grained Sand, slightly moist					CL
	10	Light brown SILT with some fine grained Sand, slightly moist					SM
	12						
	14	Light reddish brown CLAY with some silt, not plastic, slightly moist					CL
	16	Medium reddish brown CLAY with some SILT, not plastic, slightly moist					CL
	18	Same as above but more dense  Water encountered at 17.5 ft					CL

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-MW11

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**SS61-MW11**  
SHEET **3** OF **3** SHEETS

PROJECT **5155.0027.0007 H2000**

INSPECTOR **Jill Jefferson**

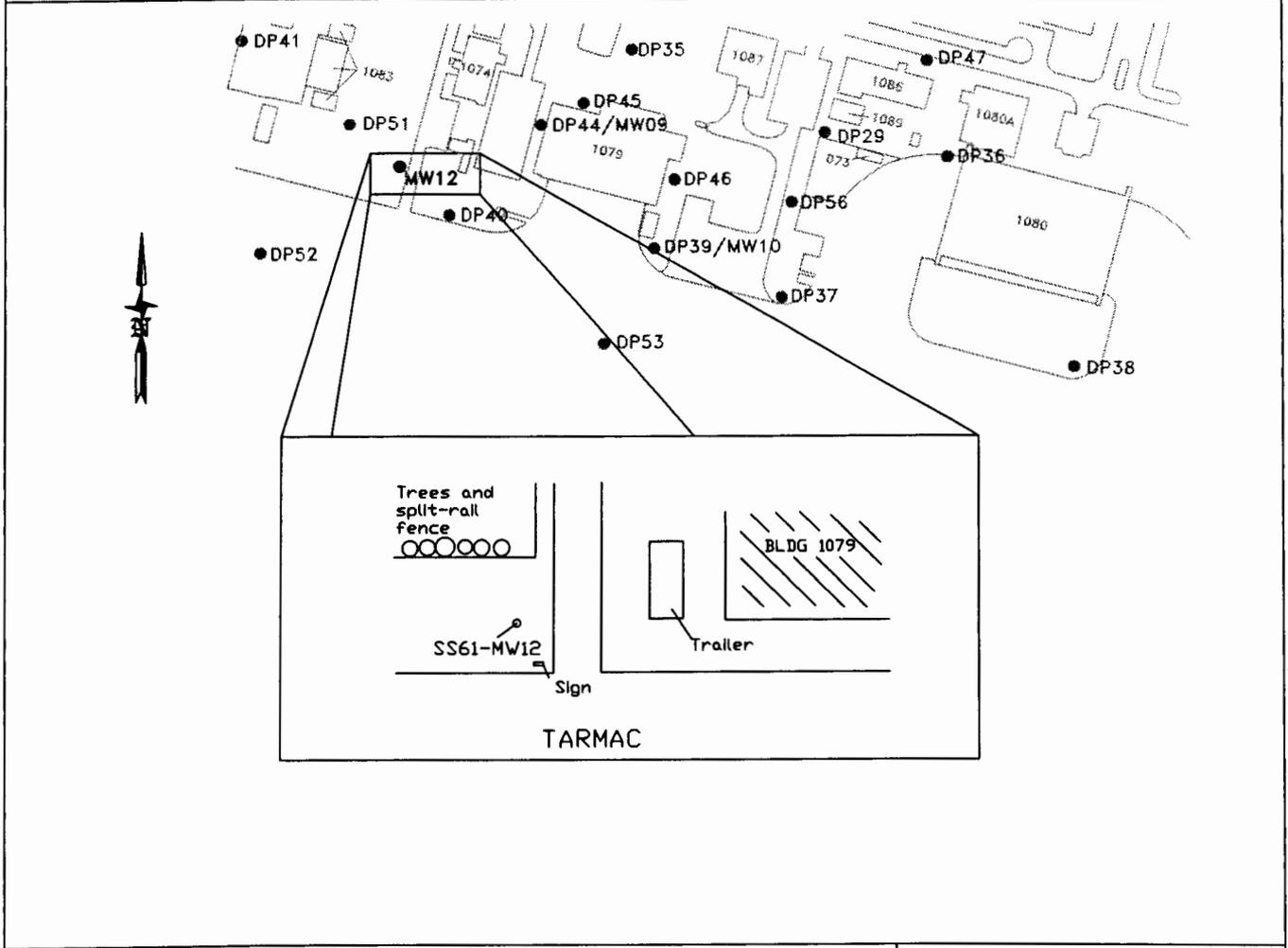
ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	22	Same as above but more moist and moderately plastic					CL  No visible contamination or odors
	24	Total Depth = 230 ft					

PROJECT **5155.0027.0007 H2000**

HOLE NO. **SS61-MW11**

<b>HTRW DRILLING LOG</b>		DISTRICT <b>OMAHA</b>		HOLE NUMBER <b>SS61-MW12</b>	
1.COMPANY NAME <b>Foster Wheeler Environmental</b>		2.DRILL SUBCONTRACTOR <b>Enviro-Drill</b>		SHEET <b>1</b> OF <b>3</b> SHEETS	
3.PROJECT <b>5155.0027.0007</b>			4.LOCATION <b>SS-61, Holloman AFB</b>		
5.NAME OF DRILLER <b>D. Starnes</b>			6.MANUFACTURER'S DESIGNATION OF DRILL <b>CME 75 hollow stem auger</b>		
7.SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>DPT Rig</b>		8.HOLE LOCATION <b>SS61-MW12</b>			
9.SURFACE ELEVATION <b>N/A</b>					
10.DATE STARTED <b>5/23/00</b>			11.DATE COMPLETED <b>5/23/00</b>		
12.OVERBURDEN THICKNESS <b>N/A</b>		15.DEPTH GROUNDWATER ENCOUNTERED <b>17.5 ft</b>			
13.DEPTH DRILLED INTO ROCK <b>N/A</b>		16.DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14.TOTAL DEPTH OF HOLE <b>23.0 ft</b>		17.OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18.GEOTECHNICAL SAMPLES <b>None</b>		DISTURBED <b>N/A</b>	UNDISTURBED <b>N/A</b>	19.TOTAL NUMBER OF CORE BOXES	
20.SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>N/A</b>	METALS <b>N/A</b>	OTHER (SPECIFY) <b>N/A</b>	OTHER (SPECIFY) <b>N/A</b>
22.DISPOSITION OF HOLE <b>BACKFILLED</b>		MONITORING WELL <b>YES, MW-12</b>	OTHER (SPECIFY)	23.SIGNATURE OF INSPECTOR <b>Luke Darragh</b>	
21.TOTAL CORE RECOVERY %					

LOCATION SKETCH/COMMENTS SCALE 1 Inch = 300 feet



PROJECT <b>5155.0027.0007</b>	HOLE NO. <b>SS61-MW12</b>
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**SS61-MW12**  
SHEET 2 OF 3 SHEETS

PROJECT 5155.0027.0007 H2000

INSPECTOR Jill Jefferson

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	2	Dark brown fill material with some Clay, moderately plastic, trace moisture					
	4	Light brown SILT with some Clay, no plasticity or cementation, trace moisture					ML
	6	Same as above but color change to light reddish brown					ML
	8	Light reddish brown fine grained SAND with some Silt, trace moisture, no cementation, well graded					SM
	10	Light reddish brown SILT with some Clay and caliche, trace moisture, no plasticity, well graded					ML
	12	Light reddish brown CLAY with trace of Silt, moderately plastic, slightly moist					CL
	14	Medium reddish brown CLAY with trace of Silt, moist, moderately plastic					CL
	16	Same as above but more moist and contains caliche nodules					
	18	Groundwater encountered at 17.5 ft					CL

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-MW12

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
SS61-MW12

PROJECT 5155.0027.0007 H2000

INSPECTOR Jill Jefferson

SHEET 3 OF SHEETS 3

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	22	Same as above					CL  No visible contamination or odors
	24	Total Depth = 23.0 ft					

PROJECT 5155.0027.0007 H2000

HOLE NO. SS61-MW12

## **Well Construction Forms**

MONITORING WELL PURGING RECORD				Well ID: 5561-MW 12		
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South of Dezonias Drive)			
Well Development <input checked="" type="checkbox"/>	Type of Purging Equipment: Grundfos	pH/Conductivity/ Temperature Meter: are all Cole-Parmer PH Conductivity	Turbidity Meter: LaMotte Model 2020 Ser# 1269-2699			
Presample Purging <input type="checkbox"/> (check one)	Ser# P192021502 Mod: BMI-MP1	Ser: 24350 32557 Mod: 59002-10 19815-10				
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
858	1.5	6.90	1988	*OR	22.1	
908	1.5	6.90	2.89 ms	OR	20.8	
914	1.5	7.07	2.76 ms	OR	20.4	
920	1.5	7.29	2.87 ms	OR	21.5	
926	1.5	7.29	2.81 ms	OR	21.1	
934	1.5	7.47	2.80 ms	OR	21.9	
941	1.5	7.44	2.91 ms	OR	21.1	
947	1.5	7.46	2.93 ms	OR	21.0	

Notes:

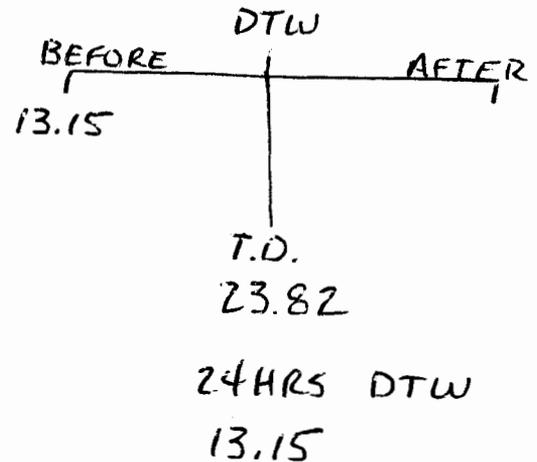
Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

\* OR (Over Ranged)



Thickness of Sediment 2.12 ft

MONITORING WELL PURGING RECORD			Well ID:			
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South of Dezonias Drive)			
Well Development <input checked="" type="checkbox"/>	Type of Purging Equipment: Grundfos Ser# P192021502 Mod: BMI-MP1	pH/Conductivity/ Temperature Meter: are all Cole-Parmer PH Conductivity Ser: 24350 32557 Mod: 59002-10 19815-10	Turbidity Meter: LaMotte Model 2020 Ser# 1269-2699			
Presample Purging <input type="checkbox"/> (check one)						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
955	3	7.47	2.92 mS	OR	21.0	
1001	5	7.46	2.94 mS	OR	21.2	
1010	5	7.44	2.93 mS	557	22.5	
1017	5	7.58	2.84 mS	OR	22.5	
1024	5	7.67	2.92 mS	260	22.7	
1032	5	7.67	2.97 mS	149	22.1	
1040	5	7.66	2.99 mS	140	22.1	
1045	5	7.68	2.99 mS	116	22.2	

Notes: Purged a total of 50 Gal

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

MONITORING WELL PURGING RECORD				Well ID: SS61-MW07		
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South or Dezonnia Drive)			
Well Development <input checked="" type="checkbox"/>	Type of Purging Equipment: Grundfos	pH/Conductivity/ Temperature Meter: are all Cole-Parmer		Turbidity Meter: LaMotte		
Presample Purging <input type="checkbox"/> (check one)	Ser# P192021502 Mod: BMI-MP1	PH Ser: 24350 Mod: 59002-10	Conductivity Ser: 32557 Mod: 19815-10	Model 2020 Ser# 1269-2699		
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1240	6	7.26	5.85ms	DR	27.7	
1246	8	7.23	6.72ms	218	24.9	
1252	6	7.20	6.54ms	9.87	21.0	
1258	6	7.23	6.61ms	2.21	20.1	
1304	6	7.20	6.27ms	1.33	20.9	
1317	6	7.25	6.03ms	0.76	20.9	
1325	6	7.27	6.04ms	0.47	20.9	
1330	6	7.27	6.04ms	0.43	20.8	

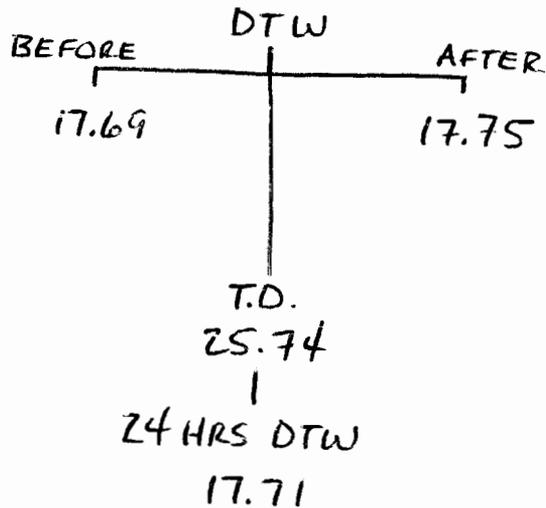
Notes: Total Purged (TP) 50 Gal  
\* Excellent Recovery

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)



Thickness of Sediment .04 ft.

MONITORING WELL PURGING RECORD				Well ID: 5561-MW08		
Phase II RI of SS-61				Project No.: 5155.0027.0007.H2000		
Project No.:		Site: SS-61 (South or Dezonnia Drive)				
Well Development <input checked="" type="checkbox"/>	Type of Purging Equipment: Grundfos	pH/Conductivity/ Temperature Meter: are all Cole-Parmer PH Conductivity		Turbidity Meter: LaMotte Model 2020 Ser# 1269-2699		
Presample Purging <input type="checkbox"/> <small>(check one)</small>	Ser# P192021502 Mod: BMI-MP1	Ser: 24350 52557 Mod: 59002-10 19815-10				
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1350	8	5.80	3.76ms	OR	29.6	Strong Odor?
1356	8	6.94	5.76ms	OR	20.6	}
1402	8	7.56	6.16ms	OR	20.1	
1408	6	6.72	6.61ms	234	20.8	
1414	6	6.83	6.67ms	12.3	20.2	
1420	6	7.20	6.62ms	5.06	20.4	
1428	6	7.21	6.63ms	3.04	20.4	
1441	6	7.21	6.63ms	3.14	20.5	Strong Odor?

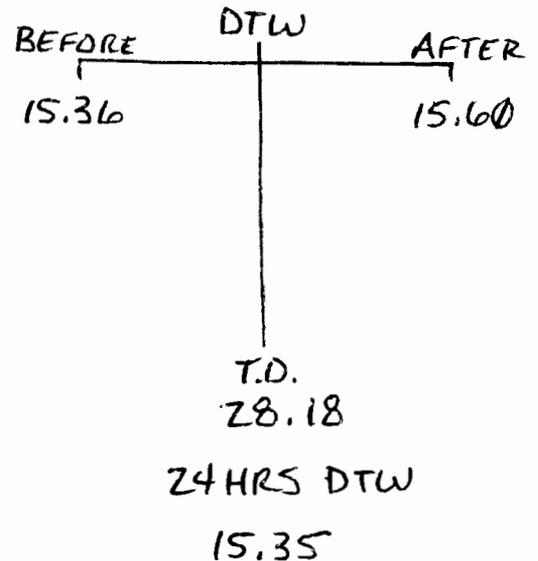
Notes: TP = 50 Gal

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)



Thickness of Sediment .48 ft

MONITORING WELL PURGING RECORD				Well ID: 5561-MW09		
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South or Dezonnia Drive)			
Well Development <input checked="" type="checkbox"/>	Type of Purging Equipment: Grundfos	pH/Conductivity/ Temperature Meter: are all Cole-Parmer PH Conductivity Ser: 24350 32557 Mod: 59002-10 19815-10		Turbidity Meter: LaMotte Model 2020 Ser# 1269-2699		
Presample Purging <input type="checkbox"/> <small>(check one)</small>	Ser# P192021502 Mod: BMI-MP1					
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
0842	8	6.80	2.53 ms	OR	19.6	
0848	6	7.05	2.74 ms	OR	18.4	
0854	6	7.18	2.84 ms	OR	18.7	
0902	6	7.18	2.89 ms	OR	19.3	
0910	6	7.24	2.85 ms	OR	19.9	
0920	4	7.27	2.91 ms	401	20.1	
0930	4	7.32	3.00 ms	251	20.2	
0940	4	7.36	3.00 ms	106.5	20.1	

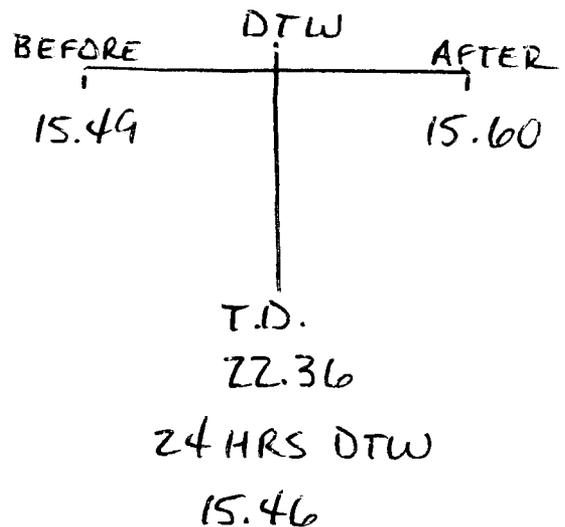
Notes: TP = 56 Gal

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)



Thickness of Sediment 1.61 ft

MONITORING WELL PURGING RECORD				Well ID: SS61-MW09		
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South or Dezonias Drive)			
Well Development <input checked="" type="checkbox"/>	Type of Purging Equipment: Grundfos	pH/Conductivity/ Temperature Meter: are all Cole-Parmer PH Conductivity		Turbidity Meter: LaMotte Model 2020 Ser# 1269-2699		
Presample Purging <input type="checkbox"/> (check one)	Ser# P192021502 Mod: BMI-MP1	Ser: 24350 Mod: 59002-10	32557	19815-10		
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
0950	4	7.39	2.97ms	23.7	20.3	
0955	4	7.37	2.99ms	12.9	20.2	
1000	4	7.39	2.97ms	4.67	20.3	

Notes: TP = 56 Gal.

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

MONITORING WELL PURGING RECORD			Well ID: SS61-MW10			
Phase II RI of SS-61			Site: SS-61 (South or Dezonía Drive)			
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South or Dezonía Drive)			
Well Development	<input checked="" type="checkbox"/>	Type of Purging Equipment: Grundfos	pH/Conductivity/ Temperature Meter: are all Cole-Parmer PH Conductivity		Turbidity Meter: LaMotte Model 2020	
Presample Purging (check one)	<input type="checkbox"/>	Ser# P192021502 Mod: BMI-MP1	Ser: 24350 Mod: 59002-10	32557	Ser# 1269-2699	
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1015	8	7.27	2.54 ms	OR	24.0	
1025	6	7.24	3.39 ms	OR	22.6	
1035	6	7.21	3.52 ms	OR	22.1	
1100	6	7.24	3.69 ms	OR	22.9	
1130	6	7.21	3.59 ms	835	21.9	
1210	6	7.25	3.56 ms	115	21.7	
1231	8	7.27	3.58 ms	49.0	21.9	
1250	8	7.25	3.56 ms	3.2	21.8	

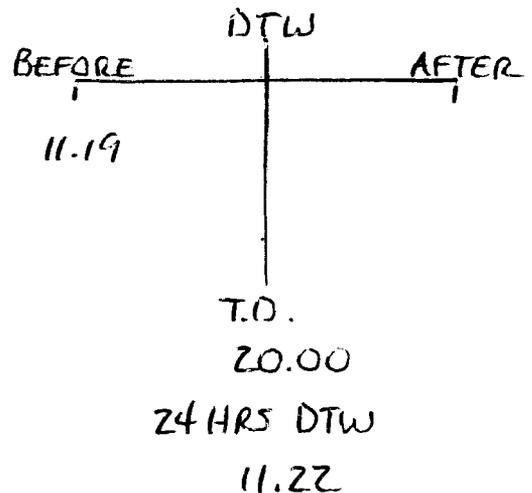
Notes: TP = 55 Gal

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)



Thickness of Sediment 1.55 ft.

MONITORING WELL PURGING RECORD			Well ID: SS61-MW11			
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South or Dezonias Drive)			
Well Development <input checked="" type="checkbox"/>	Type of Purging Equipment: Grundfos	pH/Conductivity/ Temperature Meter: are all Cole-Parmer PH Conductivity	Turbidity Meter: LaMotte Model 2020 Ser# 1269-2699			
Presample Purging (check one) <input type="checkbox"/>	Ser# P192021502 Mod: BMI-MP1	Ser: 24350 32557 Mod: 59002-10 19815-10				
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
0740	8	6.87	4.54 ms	OR	17.4	
0750	6	6.97	14.66 ms	OR	17.8	
0800	6	6.99	15.85 ms	OR	18.1	
0820	4	6.97	16.58 ms	OR	20.1	
0840	4	7.02	17.04 ms	989	20.5	
0900	4	7.04	18.21 ms	772	20.5	
0920	4	6.99	19.00 ms	167	21.1	
0930	1	7.02	19.29 ms	84.0	20.9	

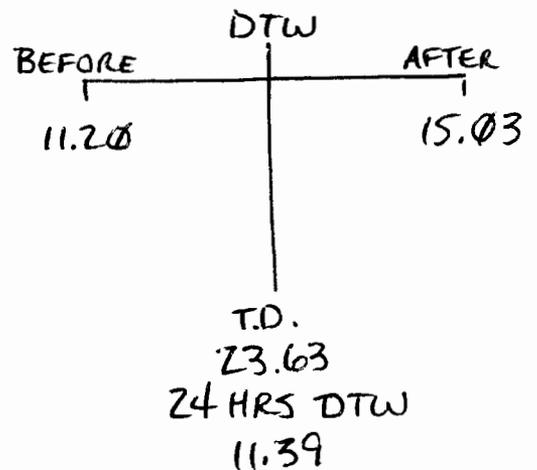
Notes: TP = 46 Gal

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)



Thickness of Sediment 2.21

MONITORING WELL PURGING RECORD				Well ID: 5561-MW11		
Phase II RI of SS-61				Project No.: 5155.0027.0007.H2000		
Site: SS-61 (South or Dezonía Drive)				Well Development <input checked="" type="checkbox"/>		
Presample Purging (check one) <input type="checkbox"/>		Type of Purging Equipment: Grundfos Ser# P192021502 Mod: BMI-MP1		pH/Conductivity/ Temperature Meter: are all Cole-Parmer PH Conductivity Ser: 24350 32557 Mod: 59002-10 19815-10		Turbidity Meter: LaMotte Model 2020 Ser# 1269-2699
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
0940	1	7.04	19.25ms	162.	20.8	
1000	1	7.17	19.36	227	21.0	
1010	1	7.19	19.30	170	20.7	
1020	1	7.09	19.38	97.6	20.7	
1030	1	7.18	19.36	92.8	20.8	
1035	1	7.79	19.42	88.1	21.0	
1040	1	7.32	19.49	85.6	20.9	
1045	1	7.32	19.50	83.7	20.8	
1050	1	7.30	19.51	86.3	20.9	

Notes: TP = 46 Gal.

Saturated casing volume:

$$V = 3.14r^2L \left( 7.48 \frac{\text{gal}}{\text{ft}^3} \right)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

## Well Development Forms

OVERBURDEN  
MONITORING WELL SHEET

WELL NO. SS61-MW12

PROJECT: SS-61 Phase II RI

PROJECT NO.: 5155.0027.0007

ELEVATION: \_\_\_\_\_

FIELD GEOLOGIST: Jill Jefferson

BORING NO.: N/A

DATE: 05-23-00

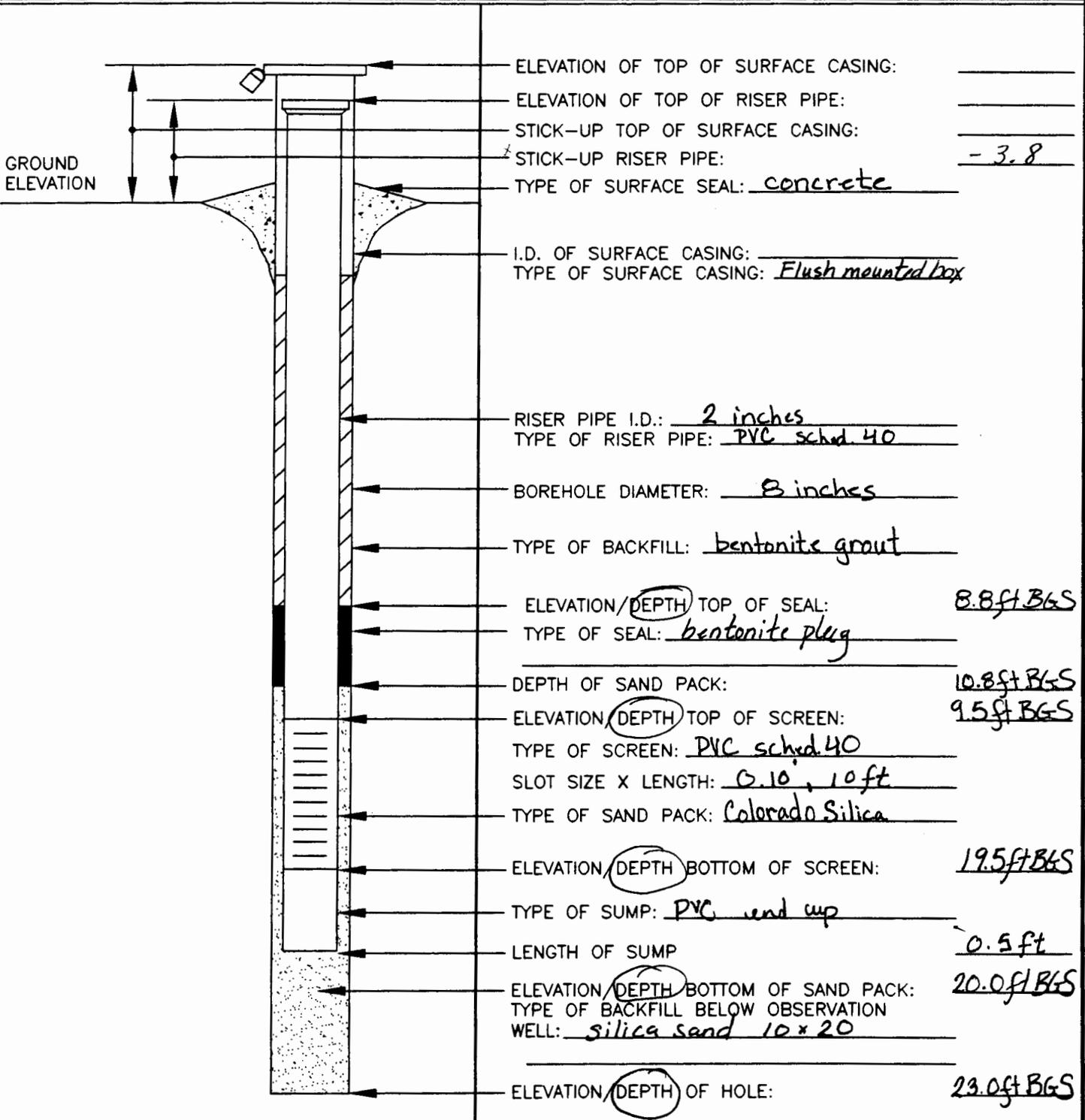
DRILLER: D. Starnes/Enviro-Drill

DRILLING

METHOD: HSA

DEVELOPMENT

METHOD: Submersible pump



- ELEVATION OF TOP OF SURFACE CASING: \_\_\_\_\_
- ELEVATION OF TOP OF RISER PIPE: \_\_\_\_\_
- STICK-UP TOP OF SURFACE CASING: \_\_\_\_\_
- STICK-UP RISER PIPE: -3.8
- TYPE OF SURFACE SEAL: concrete
- I.D. OF SURFACE CASING: \_\_\_\_\_
- TYPE OF SURFACE CASING: Flush mounted box
- RISER PIPE I.D.: 2 inches
- TYPE OF RISER PIPE: PVC sched 40
- BOREHOLE DIAMETER: 8 inches
- TYPE OF BACKFILL: bentonite grout
- ELEVATION/DEPTH TOP OF SEAL: 8.8ft BGS
- TYPE OF SEAL: bentonite plug
- DEPTH OF SAND PACK: 10.8ft BGS
- ELEVATION/DEPTH TOP OF SCREEN: 9.5ft BGS
- TYPE OF SCREEN: PVC sched 40
- SLOT SIZE X LENGTH: 0.10, 10ft
- TYPE OF SAND PACK: Colorado Silica
- ELEVATION/DEPTH BOTTOM OF SCREEN: 19.5ft BGS
- TYPE OF SUMP: PVC end cap
- LENGTH OF SUMP: 0.5ft
- ELEVATION/DEPTH BOTTOM OF SAND PACK: 20.0ft BGS
- TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand 10 x 20
- ELEVATION/DEPTH OF HOLE: 23.0ft BGS

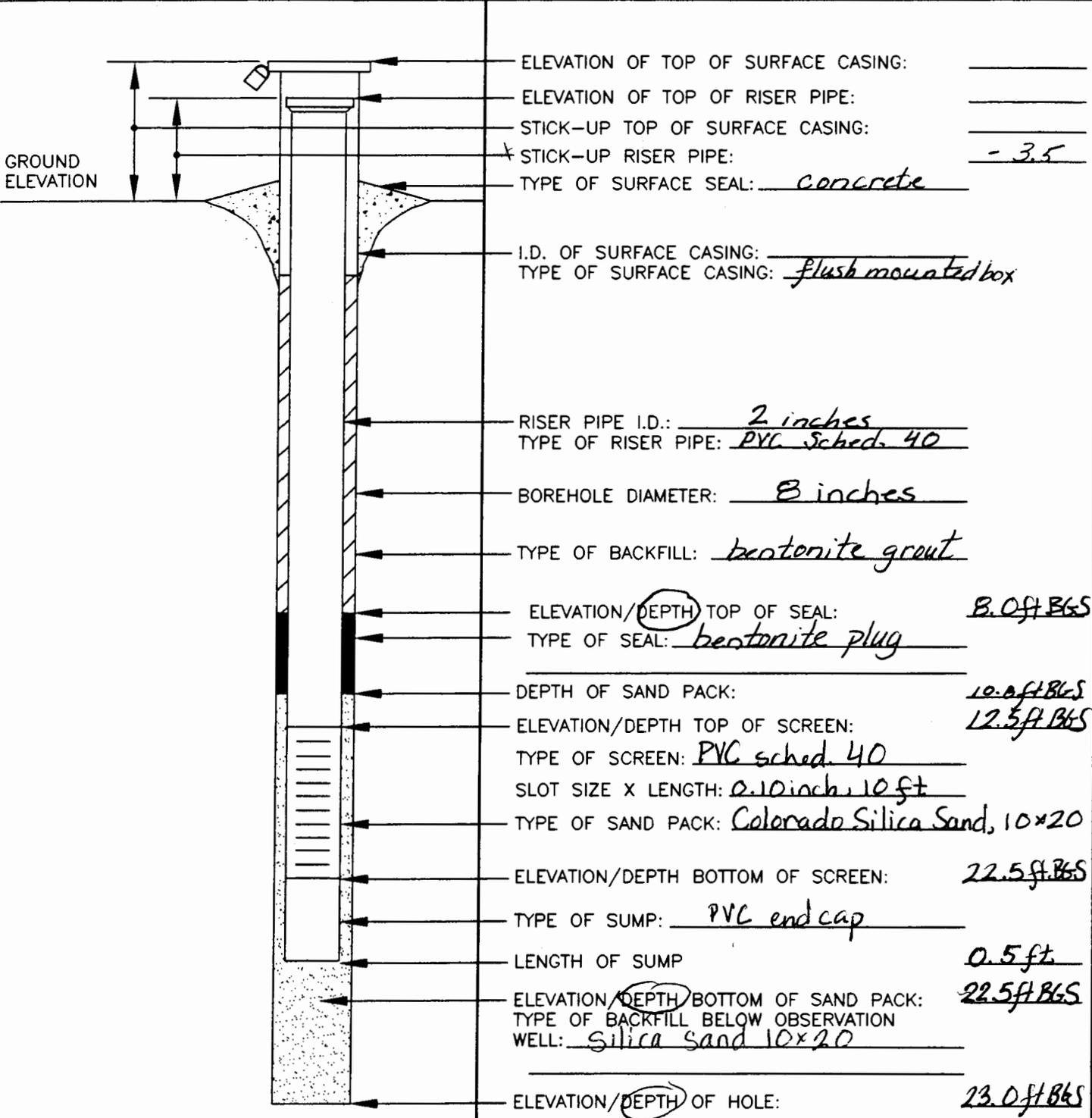
NOT TO SCALE

OVERBURDEN  
MONITORING WELL SHEET

WELL NO. SS61-MW11

PROJECT: SS-61 Phase II BI  
 PROJECT NO.: 5155-0023-0007 BORING NO.: \_\_\_\_\_  
 ELEVATION: \_\_\_\_\_ DATE: 05-24-00  
 FIELD GEOLOGIST: Jill Jefferson

DRILLER: D. Starnes/Enviro-Drill  
 DRILLING METHOD: HSA  
 DEVELOPMENT METHOD: Submersible Pump



ELEVATION OF TOP OF SURFACE CASING: \_\_\_\_\_  
 ELEVATION OF TOP OF RISER PIPE: \_\_\_\_\_  
 STICK-UP TOP OF SURFACE CASING: \_\_\_\_\_  
 STICK-UP RISER PIPE: -3.5  
 TYPE OF SURFACE SEAL: concrete  
 I.D. OF SURFACE CASING: \_\_\_\_\_  
 TYPE OF SURFACE CASING: flush mounted box  
 RISER PIPE I.D.: 2 inches  
 TYPE OF RISER PIPE: PVC Sched. 40  
 BOREHOLE DIAMETER: 8 inches  
 TYPE OF BACKFILL: bentonite grout  
 ELEVATION/DEPTH TOP OF SEAL: 8.0 ft BGS  
 TYPE OF SEAL: bentonite plug  
 DEPTH OF SAND PACK: 10.0 ft BGS  
 ELEVATION/DEPTH TOP OF SCREEN: 12.5 ft BGS  
 TYPE OF SCREEN: PVC sched. 40  
 SLOT SIZE X LENGTH: 0.10 inch, 10 ft  
 TYPE OF SAND PACK: Colorado Silica Sand, 10x20  
 ELEVATION/DEPTH BOTTOM OF SCREEN: 22.5 ft BGS  
 TYPE OF SUMP: PVC end cap  
 LENGTH OF SUMP: 0.5 ft  
 ELEVATION/DEPTH BOTTOM OF SAND PACK: 22.5 ft BGS  
 TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand 10x20  
 ELEVATION/DEPTH OF HOLE: 23.0 ft BGS

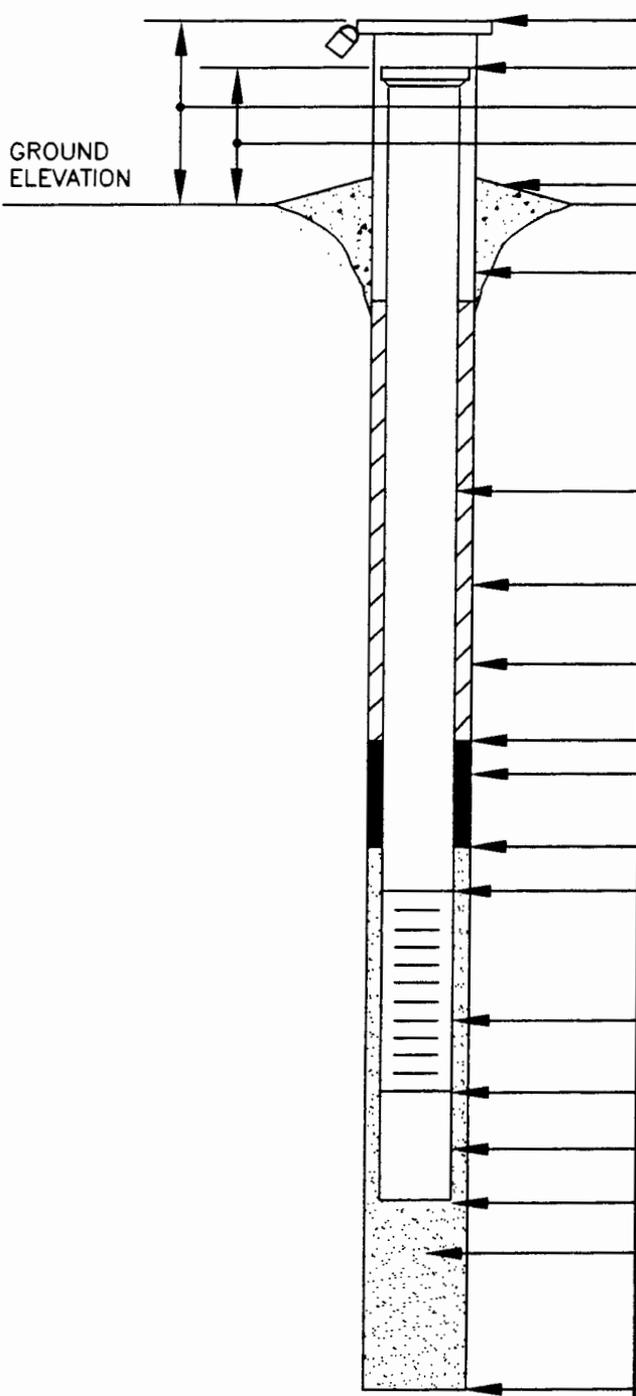
NOT TO SCALE

OVERBURDEN  
MONITORING WELL SHEET

WELL NO. SS61-MW16

PROJECT: SS-61 Phase II RI  
 PROJECT NO.: 5155.0027.0007 BORING NO.: SS61-DP39  
 ELEVATION: \_\_\_\_\_ DATE: 05-23-00  
 FIELD GEOLOGIST: Jill Jefferson

DRILLER: D. Starnes/Enviro-Drill  
 DRILLING METHOD: HSA  
 DEVELOPMENT METHOD: Submersible Pump



ELEVATION OF TOP OF SURFACE CASING: \_\_\_\_\_  
 ELEVATION OF TOP OF RISER PIPE: \_\_\_\_\_  
 STICK-UP TOP OF SURFACE CASING: \_\_\_\_\_  
 STICK-UP RISER PIPE: -3.2  
 TYPE OF SURFACE SEAL: concrete  
 I.D. OF SURFACE CASING: \_\_\_\_\_  
 TYPE OF SURFACE CASING: flush mounted box  
 RISER PIPE I.D.: 2 inches  
 TYPE OF RISER PIPE: PVC Sched. 40  
 BOREHOLE DIAMETER: 8 inches  
 TYPE OF BACKFILL: bentonite grout  
 ELEVATION/DEPTH TOP OF SEAL: 5.5 ft BGS  
 TYPE OF SEAL: bentonite plug  
 DEPTH OF SAND PACK: 7.5 ft BGS  
 ELEVATION/DEPTH TOP OF SCREEN: 9.5 ft BGS  
 TYPE OF SCREEN: PVC sched. 40  
 SLOT SIZE X LENGTH: 0.10 inch, 10ft  
 TYPE OF SAND PACK: Colorado Silica sand, 10x20  
 ELEVATION/DEPTH BOTTOM OF SCREEN: 19.5 ft BGS  
 TYPE OF SUMP: PVC end cap  
 LENGTH OF SUMP: 0.5 ft  
 ELEVATION/DEPTH BOTTOM OF SAND PACK: 20.0 ft BGS  
 TYPE OF BACKFILL BELOW OBSERVATION WELL: Silica sand 10x20  
 ELEVATION/DEPTH OF HOLE: 20.0 ft BGS

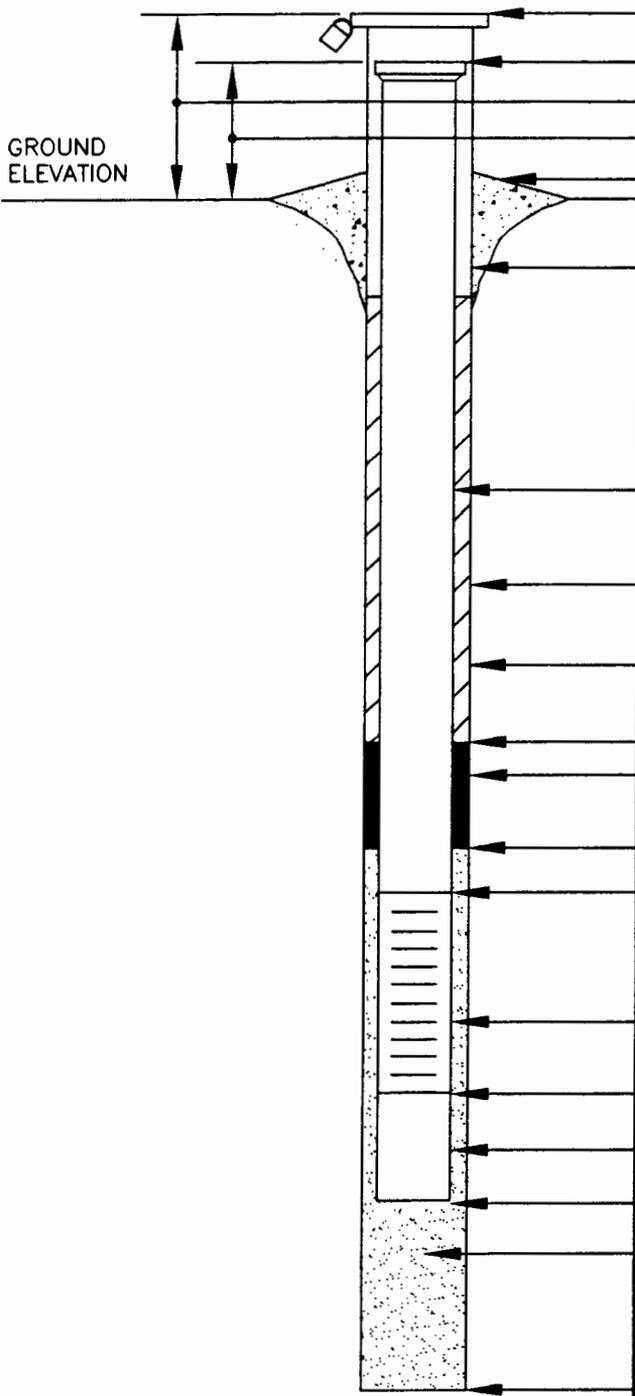
NOT TO SCALE

OVERBURDEN  
MONITORING WELL SHEET

WELL NO. SS61-MW09

PROJECT: SS-61 Phase II BT  
 PROJECT NO.: 5155.0027.0007 BORING NO.: 61605 SS61-DP44  
 ELEVATION: \_\_\_\_\_ DATE: 05-23-00  
 FIELD GEOLOGIST: Jill Jefferson

DRILLER: D. Starnes/Enviro-Drill  
 DRILLING METHOD: HSA  
 DEVELOPMENT METHOD: Submersible Pump



ELEVATION OF TOP OF SURFACE CASING: \_\_\_\_\_  
 ELEVATION OF TOP OF RISER PIPE: \_\_\_\_\_  
 STICK-UP TOP OF SURFACE CASING: \_\_\_\_\_  
 STICK-UP RISER PIPE: 24.3 inches  
 TYPE OF SURFACE SEAL: concrete  
 I.D. OF SURFACE CASING: \_\_\_\_\_  
 TYPE OF SURFACE CASING: protective steel casing  
 RISER PIPE I.D.: 2 inches  
 TYPE OF RISER PIPE: PVC Sched. 40  
 BOREHOLE DIAMETER: 8 inches  
 TYPE OF BACKFILL: bentonite grout  
 ELEVATION/DEPTH TOP OF SEAL: 4.7ft BGS  
 TYPE OF SEAL: bentonite plug  
 DEPTH OF SAND PACK: 6.8ft BGS  
 ELEVATION/DEPTH TOP OF SCREEN: 9.0ft BGS  
 TYPE OF SCREEN: PVC Sched. 40  
 SLOT SIZE X LENGTH: 0.10 inch, 10 ft  
 TYPE OF SAND PACK: Colorado silica sand 10x20  
 ELEVATION/DEPTH BOTTOM OF SCREEN: 19.0ft BGS  
 TYPE OF SUMP: PVC end cap  
 LENGTH OF SUMP: 0.5ft  
 ELEVATION/DEPTH BOTTOM OF SAND PACK: 19.5ft BGS  
 TYPE OF BACKFILL BELOW OBSERVATION WELL: silica sand 10x20  
 ELEVATION/DEPTH OF HOLE: 19.5ft BGS

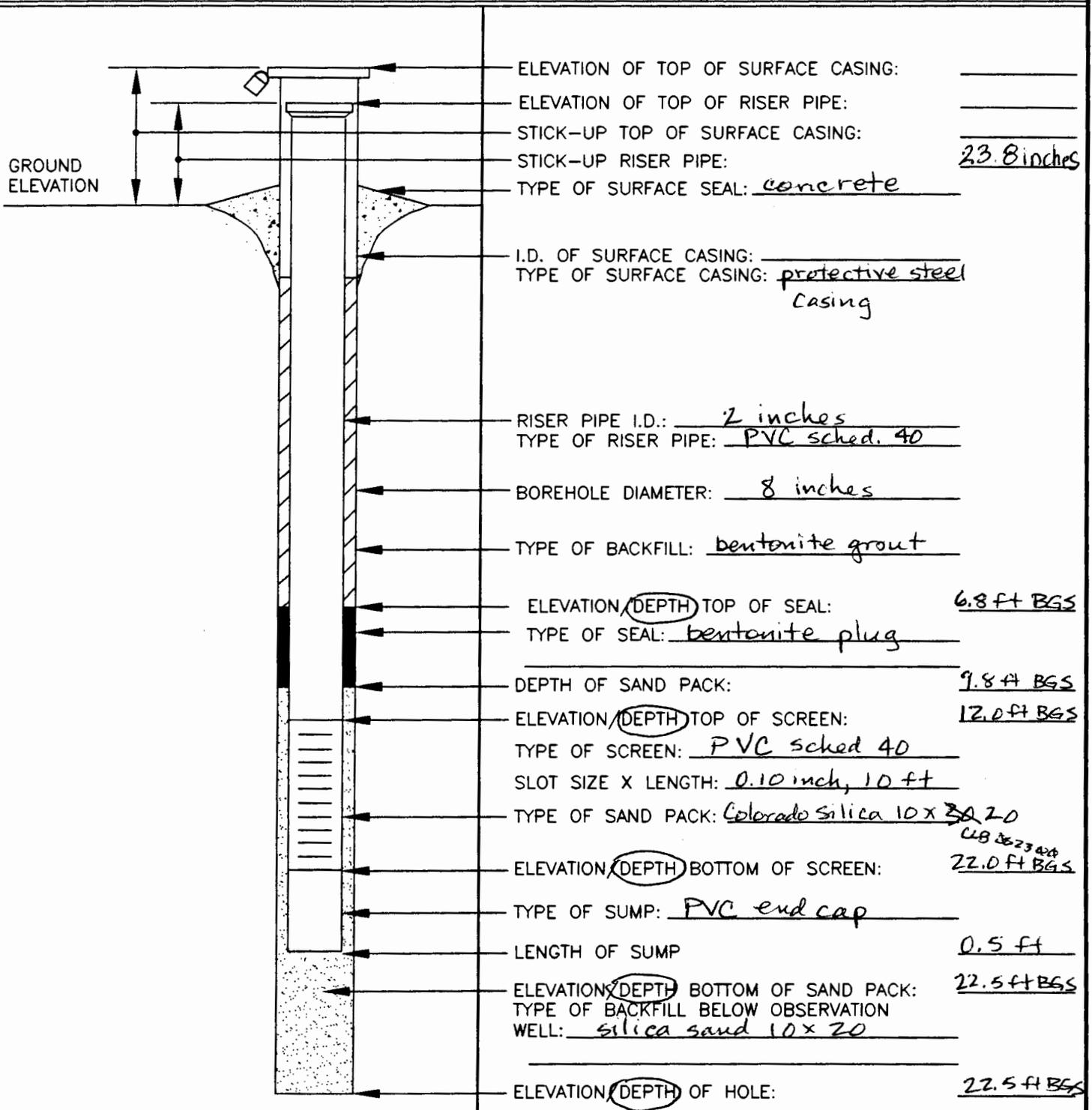
NOT TO SCALE

OVERBURDEN  
MONITORING WELL SHEET

WELL NO. SS61-MW&8

PROJECT: SS-61 Phase II RI  
 PROJECT NO.: 5155.0027.0007 BORING NO.: SS61-DP50  
 ELEVATION: \_\_\_\_\_ DATE: 05-22-2000  
 FIELD GEOLOGIST: Carol Bieniulis

DRILLER: D. Starnes/Enviro-Drill  
 DRILLING METHOD: HSA  
 DEVELOPMENT METHOD: Submersible Pump



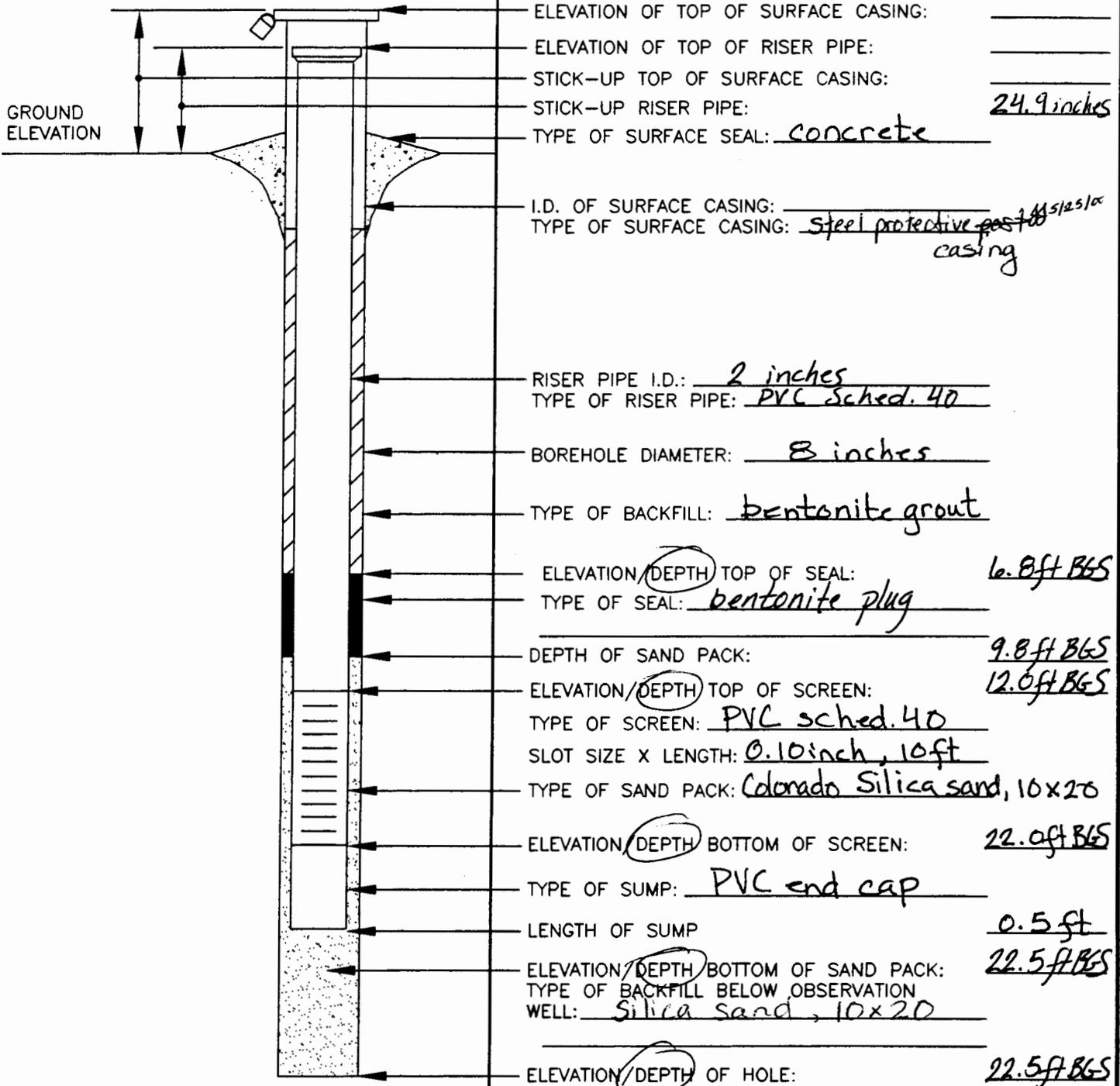
NOT TO SCALE

OVERBURDEN  
MONITORING WELL SHEET

WELL NO. SS61-MW07

PROJECT: SS-61 Phase II RT  
 PROJECT NO.: 5155.0027.0007 BORING NO.: SS61-DP54  
 ELEVATION: \_\_\_\_\_ DATE: 05-22-2000  
 FIELD GEOLOGIST: Carol Bieniulis

DRILLER: D. Starnes/Enviro-Drill  
 DRILLING METHOD: HSA  
 DEVELOPMENT METHOD: Submersible Pump



NOT TO SCALE

0720 Gauging wells this am. at  
SS-61, LF-29, and SD-28  
Personnel: C Bienulis  
J. Jefferson

Partly cloudy, breezy

0825 SS61-MW07 - DTW = 17.65  
0828 SS61-MW08 - DTW = 15.33'  
slight odor, stick-up = 23.8 inches  
0840 SS61-MW09 - DTW = 15.41'  
stick-up = 24.3 inches, slight odor  
0850 SS61-MW02 - DTW = 21.59'  
0900 SS61-MW03 - DTW = 19.11  
0910 SS61-MW04 - DTW = 15.39  
0915 SS61-MW06 - DTW = 15.81  
moderate odor, needs lock  
0920 SS61-MW05 - DTW = 15.93'  
0945 MW-29-04 - DTW = 21.61'  
0950 MW-29-03 - DTW = 20.53'  
1000 MW-29-07 - DTW = 21.50'  
1010 MW-29-02 - DTW = 21.52  
1020 MW-29-08 - DTW = 23.72  
1030 MW-29-06 - DTW = 23.95  
1035 MW-29-01 - DTW = 25.39  
1050 MW-29-05 - DTW = 23.68  
SS61-MW07 stick-up = 24.9 inches

1140 SS61-MW10 - DTW = 11.15'  
TOC to pad surface = -3.2" <sup>no3</sup>  
SS61-MW11 - DTW = 11.12'  
TOC to pad surface = 3.5" <sup>no3</sup>  
SS61-MW12 - DTW = 13.10  
TOC to pad surface = -3.8"  
MW-28-02 - TD = 16.9' BTC  
TOC elevation = 4089.422'  
date of installation ⇒ 08-14-91  
DTW = 14.52'  
MW-28-03 - TD = 18' BTC  
TOC elev. = 4090.196'  
DTW = 15.12'  
1310 SS61-MW01 - DTW = 30.98'  
1400 Ate lunch, Return to office  
to do paperwork and tour  
Holloman IRP sites.  
1600 Leave site for the day.

CLB + JJ  
05-25-00

## **Presample Purging Forms**

22 JUN 00

MONITORING WELL PURGING RECORD				Well ID: MW-01 SS-61		
Phase II RI of SS-61				Project No.: 5155.0027.0007.112000		
Well Development <input type="checkbox"/>		Type of Purging Equipment: BAILER		pH/Conductivity/ Temperature Meter: OAKTON 300 SERIES S.N. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699
Presample Purging <input checked="" type="checkbox"/> (check one)						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1009	.5	7.9	6.94	891	19.3	
1010	.5	7.9	6.37	0R	19.2	
1011	.5	7.6	6.23	0R	19.6	
1012	.5	7.9	6.12	861	20.0	
1013	.25	7.7	6.10	569	20.1	
1015	.25	7.6	6.06	348	20.3	
1019	.25	7.5	6.04	251	20.3	
1020	.25	7.4	6.04	220	20.3	

3 GAL

Notes: DTW - 31.00

T.D. - 37.56

SAMPLED AT 1020

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

22 JUN 00

MONITORING WELL PURGING RECORD		Well ID: MW-02				
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000				Site: SS-61 (South or Dezonnia Drive)		
Well Development <input type="checkbox"/>	Type of Purging Equipment: BAILER	pH/Conductivity/ Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699		
Presample Purging (check one) <input checked="" type="checkbox"/>						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
0838	1	6.98	9.57	268	21.3	
0840	1	7.23	8.63	0R	20.8	
0842	1	7.20	9.01	0R	21.0	
0844	.5	7.23	8.48	0R	21.2	
0846	.5	7.25	10.57	652	21.8	
0848	.5	7.25	10.57	380	21.6	
0850	.5	7.26	10.57	197	21.8	
	5 GAL					

Notes:

DTW - 20.84

SAMPLED AT 0850

T.D. - 30.17

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

22 JUN 00

MONITORING WELL PURGING RECORD				Well ID: MW-03		
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South or Dezonias Drive)			
Well Development <input type="checkbox"/>	Type of Purging Equipment: BAILER	pH/Conductivity/ Temperature Meter: OAKTON 300 SERIES S.N. 64351	Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699			
Presample Purging (check one) <input checked="" type="checkbox"/>						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
08:55	2	6.9	11.09	421	20.9	
08:57	2	7.2	11.14	260	20.7	
09:01	2	7.4	11.15	191	20.9	
09:03	1	7.4	11.16	80	20.8	
	7 GAL					

Notes:

DTW - 13.26

SAMPLED AT 0903

T.D. - 27.53

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

21 JUN 00

MONITORING WELL PURGING RECORD			Well ID: MW-04 (SS-61)			
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000		Site: SS-61 ( or Dezonias Drive)				
Well Development <input type="checkbox"/>	Type of Purging Equipment: BAILER	pH/Conductivity/ Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699		
Presample Purging <input checked="" type="checkbox"/> (check one)						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1325	1	6.90	2.53	268	24.9	
1327	1	7.07	2.47	24.6	27.3	
1329	1	7.19	2.48	10.12	21.0	
1331	1	7.19	2.98	7.81	20.8	
1333	.5	7.27	2.58	7.79	20.8	
1335	.5	7.22	2.19	7.80	20.8	
	5 GAL					

Notes: DTW - 13.88

TD - 23.32

SAMPLED AT 1335

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

21 Jun 00

MONITORING WELL PURGING RECORD			Well ID: MW-05 (SS-61)			
Phase II RI of SS-61						
Project No.:		Site:				
5155.0027.0007.H2000		SS-61 ( or Dezonias Drive)				
Well Development <input type="checkbox"/>	Type of Purging Equipment:	pH/Conductivity/ Temperature Meter:		Turbidity Meter:		
Presample Purging <input checked="" type="checkbox"/> <small>(check one)</small>	BAILER	OAKTON 300SERIES S.N. 64351		LA MOTTE MODEL-2020 S.N. 1269-2699		
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1300	1	6.8	3.61	OR	20.1	
1301	.5	7.0	3.93	436	20.3	
1302	.5	6.8	4.54	211	19.8	
1303	.5	6.7	4.59	196	19.9	
1305	.5	6.8	4.58	172	20.1	
	3.6 GAL					

Notes: DTW - 14.60

SAMPLED AT 1305

TD - 17.23

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal}/\text{ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

21 Jun 00

<b>MONITORING WELL PURGING RECORD</b>				Well ID: MW-06 (55-61)		
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 ( or Dezonnia Drive)			
Well Development <input type="checkbox"/>	Type of Purging Equipment: BAILER	pH/Conductivity/ Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699		
Presample Purging (check one) <input checked="" type="checkbox"/>						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1310	1	7.23	5.85	346	22.3	
1312	1	7.23	6.62	160	22.0	
1314	1	7.20	6.54	81.7	21.9	
1316	1	7.25	6.27	27.6	21.6	
1318	1	7.25	6.25	12.3	21.6	
1320	1	7.27	6.27	10.1	21.8	
	6 GAL					

Notes:

DTW - 14.60

SAMPLED AT 1320

TD - 25.99

Saturated casing volume:

$$V = 3.14r^2L \left( 7.48 \frac{\text{gal}}{\text{ft}^3} \right)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

21 JUN 00

<b>MONITORING WELL PURGING RECORD</b>				Well ID: MW-09 (SS-61)		
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 ( or Dezonía Drive)			
Well Development <input type="checkbox"/>	Type of Purging Equipment: BAILER	pH/Conductivity/ Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699		
Presample Purging <input checked="" type="checkbox"/> (check one)						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1446	1	6.93	3.00	665	20.1	
1248	1	7.01	2.97	23.7	20.3	
1250	.5	7.01	2.99	12.9	20.1	
1255	.5	7.02	2.97	4.67	20.2	

Notes:

DTW - 15.49

T.D. - 20.75

SAMPLED AT 1255

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

21 JUN 00

MONITORING WELL PURGING RECORD			Well ID: MW-08 (SS-61)			
Phase II RI of SS-61			Project No.: 5155.0027.0007.H2000			
Site: SS-61 (South or Dezonnia Drive)			Well Development: <input type="checkbox"/>		Type of Purging Equipment: BAILER	
Presample Purging (check one) <input checked="" type="checkbox"/>			pH/Conductivity/Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699	
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1215	1	7.56	6.16	OR	20.1	
1216	1	6.72	6.61	234	20.8	
1217	1	6.83	6.67	12.3	20.2	
1218	1	7.20	6.62	5.06	20.4	
1219	1	7.23	6.63	3.64	20.4	
1220	1	7.21	6.63	3.14	20.5	
	6 GAL					

Notes:

DTW - 15.36

SAMPLED AT 1220

T.D. - 27.70

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

21 JUN 00

MONITORING WELL PURGING RECORD			Well ID: MW-07 (SS-61)			
Phase II RI of SS-61			Project No.: 5155.0027.0007.H2000			
Site: SS-61 ( or Dezonía Drive)			pH/Conductivity/ Temperature Meter: OAKTON 300SERIES S.N. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699	
Well Development <input type="checkbox"/>	Type of Purging Equipment: BAILER	Presample Purging <input checked="" type="checkbox"/> <small>(check one)</small>				
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1228	1	7.20	6.54	9.87	21.0	
1229	1	7.23	6.61	2.21	20.1	
1230	.5	7.20	6.27	1.33	20.9	
1231	.5	7.25	6.03	0.46	20.9	
1233	.5	7.27	6.04	0.47	20.9	
1235	.5	7.29	6.04	0.43	20.8	
	4 GAL					

Notes: DTW - 17.69

SAMPLED AT 1235

T.D. - 25.70  
Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

- where:
- V = Saturated casing volume (gal)
  - r = Inside radius of well casing (ft) = 0.17
  - L = Height of water column (ft)

22 JUN 00

MONITORING WELL PURGING RECORD				Well ID: MW-10 SS-61		
Phase II RI of SS-61				Project No.: 5155.0027.0007.H2000		
Well Development <input type="checkbox"/>		Type of Purging Equipment: BAILER		pH/Conductivity/ Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699
Presample Purging <input checked="" type="checkbox"/> (check one)						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1126	.5	7.6	2.54	OR	24.0	
1128	.5	7.3	3.39	OR	22.6	
1130	.5	7.0	3.52	OR	22.1	
1132	.5	7.3	3.69	OR	22.9	
1134	.5	7.1	3.59	361	21.9	
1136	.5	7.0	3.57	115	21.7	
1138	.5	6.9	3.58	49.0	21.9	
1140	.5	6.9	3.56	3.2	21.8	

4 GAL.

Notes:

DTW - 11.19

SAMPLED AT 1140

T.D.I - 18.45

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

21 JUN 00

MONITORING WELL PURGING RECORD			Well ID: MW-11 55-61			
Phase II RI of SS-61			Project No.: 5155.0027.0007.H2000			
Site: SS-61 (South of Dezonla Drive)			Well Development <input type="checkbox"/>		Type of Purging Equipment: BAILER	
Presample Purging (check one) <input checked="" type="checkbox"/>			pH/Conductivity/ Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699	
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1143	.5	8.1	16.58	OR	20.1	
1146	.5	7.8	17.04	OR	20.5	
1149	.5	7.6	18.21	OR	20.5	
1150	.5	7.6	19.00	989	21.1	
1152	.5	7.6	19.29	772	20.9	
1153	.5	7.4	19.36	167	20.8	
1155	.5	7.5	19.51	96.3	20.7	
	3.5 GAL					

Notes: DTW - 15.03

T.D. - 21.42

SAMPLED AT - 1155

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal}/\text{ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

21 JUN 00

MONITORING WELL PURGING RECORD				Well ID: MW-12 SS-61		
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South or Dezonnia Drive)			
Well Development <input type="checkbox"/>	Type of Purging Equipment: BAILER	pH/Conductivity/ Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699		
Presample Purging <input checked="" type="checkbox"/> <small>(check one)</small>						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
1200	.5	7.07	2.76	OR	20.4	
1202	.5	7.29	2.87	OR	21.5	
1203	.5	7.29	2.81	OR	21.1	
1204	.5	7.47	2.80	OR	21.9	
1206	.5	7.44	2.91	OR	21.1	
1207	.5	7.46	2.93	OR	21.0	
1209	.5	7.47	2.92	OR	21.0	
1210	.5	7.46	2.94	557	21.2	

4 GAL

Notes:

DTW - 13.15

SAMPLED AT 1210

T.D. - 21.70

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

22 JUN 00

MONITORING WELL PURGING RECORD				Well ID: MW-02 LF-29		
Phase II RI of SS-61				Project No.: 5155.0027.0007.H2000		
Well Development <input type="checkbox"/>		Type of Purging Equipment: BAILER		pH/Conductivity/ Temperature Meter: OAKTON 300SERIES S.N. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699
Presample Purging <input checked="" type="checkbox"/> (check one)		Site: SS-61 (South or Dezonía Drive)				
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
0941	.5	7.2	10.64	OR	21.4	
0942	.5	7.2	10.58	OR	20.6	
0945	.5	7.0	10.41	OR	20.2	
0946	.5	6.9	10.37	OR	19.8	
0948	.5	6.9	10.39	OR	19.7	
0950	.5	6.8	10.39	897	19.7	
	3 GAL					

Notes:

DTW - 15.41

SAMPLED AT 0950

T.D. - 20.23

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

22 Jun 00

MONITORING WELL PURGING RECORD			Well ID: MW-03 LF-29			
Phase II RI of SS-61			Project No.: 5155.0027.0007.H2000			
Site: SS-61 (South or Dezonnia Drive)			Type of Purging Equipment: BAILER			
Well Development <input type="checkbox"/>		pH/Conductivity/ Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699		
Presample Purging (check one) <input checked="" type="checkbox"/>						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
0930	.5	7.8	2.84	242	22.1	
0931	.5	7.6	2.66	389	21.8	
0932	.5	7.6	2.38	260	21.3	
0934	.25	7.6	2.36	181	21.0	
0935	.25	7.6	2.35	122	21.0	
	2 GAL					

Notes:

DTW - 13.27

SAMPLED AT 0935

T.D. - 16.43

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

22 JUN 00

MONITORING WELL PURGING RECORD			Well ID: MW-05 LF-29			
Phase II RI of SS-61			Site: SS-61 (South or Dezonía Drive)			
Project No.: 5155.0027.0007.H2000			Site: SS-61 (South or Dezonía Drive)			
Well Development <input type="checkbox"/>	Type of Purging Equipment: BAILER	pH/Conductivity/ Temperature Meter: OAKTON 300SERIES S.N. 64351	Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699			
Presample Purging (check one) <input checked="" type="checkbox"/>						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
0910	1	7.9	4.76	860	19.8	
0913	1	7.8	6.76	OR	19.6	
0916	.5	7.5	6.16	OR	20.0	
0920	.5	7.1	6.13	OR	20.2	
0922	.5	7.3	6.11	622	20.2	
0925	.5	7.3	6.13	586	20.3	
	4 GAL					

Notes: DTW - 23.42

SAMPLED AT 0925

T.D. - 31.48

Saturated casing volume:

$$V = 3.14r^2L(7.48 \text{ gal/ft}^3)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

22 JUN 00

MONITORING WELL PURGING RECORD			Well ID: MW-06LF-29			
Phase II RI of SS-61						
Project No.: 5155.0027.0007.H2000		Site: SS-61 (South of Dezonias Drive)				
Well Development <input type="checkbox"/>	Type of Purging Equipment: BAILER	pH/Conductivity/ Temperature Meter: OAKTON 300SERIES SN. 64351		Turbidity Meter: LA MOTTE MODEL-2020 S.N. 1269-2699		
Presample Purging <input checked="" type="checkbox"/> (check one)						
Time	Volume Purged (gal)	pH	Conductivity (µmhos/sec)	Turbidity (NTU)	Temperature (°C)	Comments
0957	1	7.6	5.86	302	19.7	
0959	1	7.5	3.91	386	19.9	
1001	1	7.4	3.28	190	21.0	
1003	1	7.4	2.95	160	20.9	
1005	1	7.4	2.97	147	20.8	
	5 GAL					

Notes:

DTW - 23.96

T.D. - 32.44

SAMPLED AT 1005

Saturated casing volume:

$$V = 3.14r^2L \left( 7.48 \frac{\text{gal}}{\text{ft}^3} \right)$$

where:

- V = Saturated casing volume (gal)
- r = Inside radius of well casing (ft) = 0.17
- L = Height of water column (ft)

**Appendix C**  
**Site Aerial Photographs**

## Appendix C

### Aerial Photographs

The aerial photographs of the SS-61 area are presented in this appendix to provide information on the development of site features from 1942 through 1998. These aerial photographs are managed electronically by the Holloman Air Force Base Environmental Flight.

In the Final Phase II Remedial Investigation Report, the aerial photographs that will be presented will contain labels and captions in order to provide a direct comparison with the site maps presented in the report.

<b>Photograph Number</b>	<b>Description</b>
1	SS-61 area in 1998
2	Close-up photograph of the concrete pad (northern portion of SS-61) and the parking lot on the north side of the hangar, Building 1079.
3	SS-61 area in 1979
4	SS-61 area in 1972
5	SS-61 area in 1942

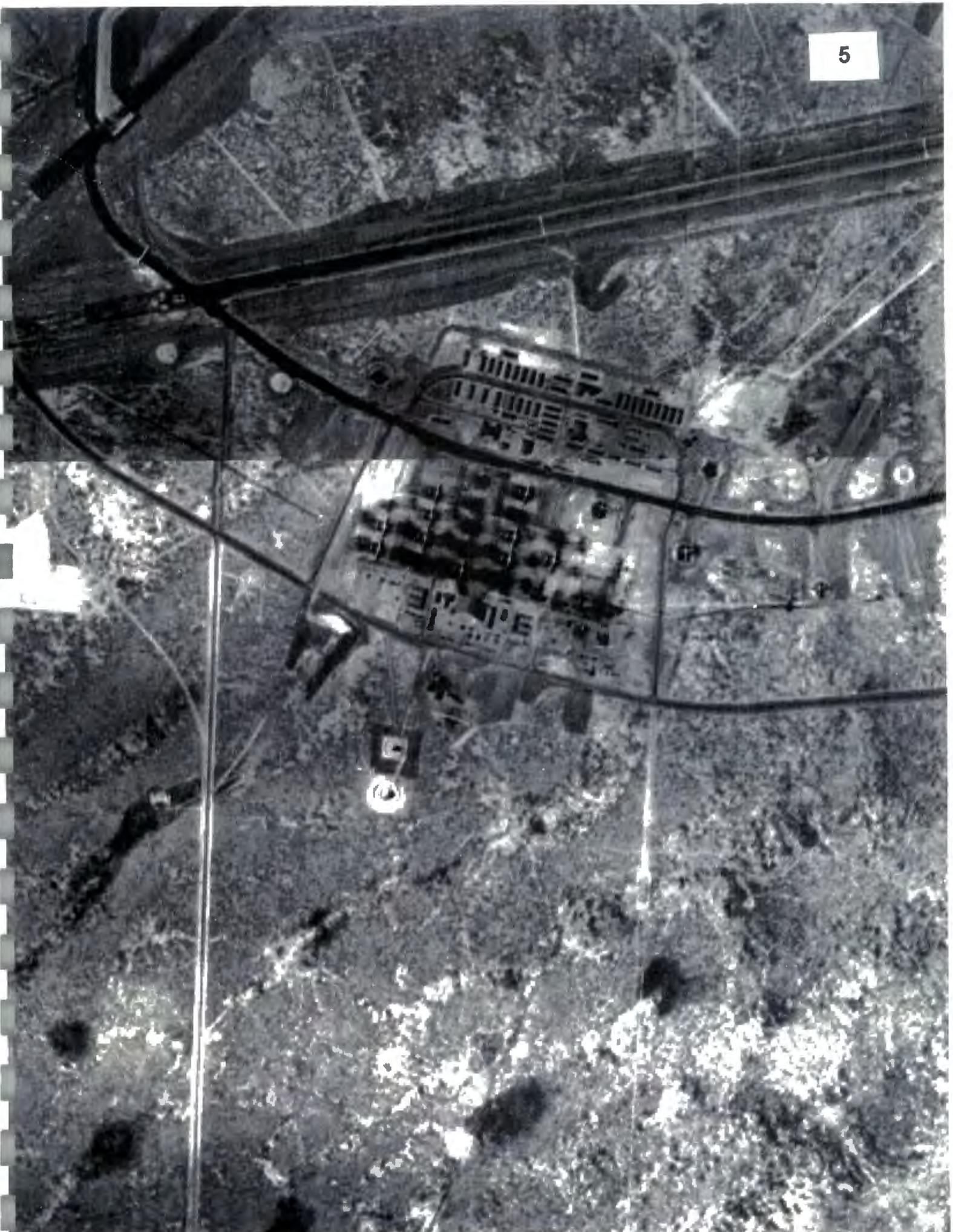
1











**Appendix D**  
**Survey Information**

**Appendix D**  
**State Planar Coordinates for New Monitoring Wells**  
**Phase II Remedial Investigation at SS-61**

Location	State Plane Northing	State Plane Northing	System	State Plane Zone	State Plane Units	Top of Casing Elevation	Elevation Units	Comment
SS61-MW07	676542.960	1688892.507	NAD 1983	New Mexico Central	feet	4093.434	feet msl	Co-located with DP54
SS61-MW08	676468.241	1689333.926	NAD 1983	New Mexico Central	feet	4093.494	feet msl	Co-located with DP50
SS61-MW09	676227.987	1689430.348	NAD 1983	New Mexico Central	feet	4094.582	feet msl	Co-located with DP44
SS61-MW10	676022.533	1689610.226	NAD 1983	New Mexico Central	feet	4091.942	feet msl	Co-located with DP39
SS61-MW11	675093.838	1689308.485	NAD 1983	New Mexico Central	feet	4087.706	feet msl	Upgradient well located south of taxiway
SS61-MW12	676157.385	1689203.449	NAD 1983	New Mexico Central	feet	4090.61	feet msl	East of DP40 and southeast of DP51 near taxiway

msl - above mean sea level  
NAD - North American Datum



# SOUTHWEST ENGINEERING, INC.

475 Archuleta Road  
Las Cruces, New Mexico  
88005

Phone 505-526-3381  
Fax 505-526-1762

Carol Biniulis  
Foster Wheeler

RE: HAFB monitor wells

Wednesday, September 06, 2000

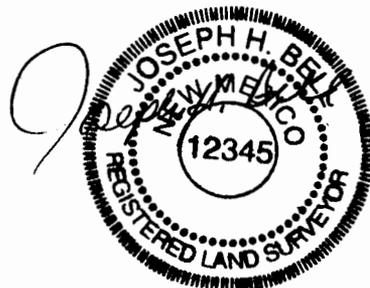
Dear Carol,

Here are the coordinates for the monitoring wells. I have also sent conversiona to State Plane Coordinates New Mexico Central zone in USFeet and in meters.

MONITOR WELL	PLACE	LATITUDE	LONGITUDE	ELEVATION(FEET)
SS61-MW07	PVC CASING	32 51'34.2684"	106 04'50.664"	4093.434
	PAD	32 51'34.272"	106 04'50.6604"	4091.364
SS61-MW08	PVC CASING	32 51'33.5232"	106 04'45.4872"	4093.494
	PAD	32 51'33.5268"	106 04'45.4872"	4091.506
SS61-MW09	PVC CASING	32 51'31.1436"	106 04'44.364"	4094.582
	PAD	32 51'31.1472"	106 04'44.364"	4092.556
SS61-MW10	PVC CASING	32 51'29.106"	106 04'42.258"	4091.942
	STEEL CASING	32 51'29.1096"	106 04'42.258"	4092.162
SS61-MW11	PVC CASING	32 51'19.9188"	106 04'45.8112"	4087.706
	STEEL CASING	32 51'19.9224"	106 04'45.8112"	4087.970
SS61-MW12	PVC CASING	32 51'30.4452"	106 04'47.0244"	4090.610
	STEEL CASING	32 51'30.4488"	106 04'47.0244"	4090.922

Basis for horizontal coordinates is the CORS station wsmn at White Sands and the basis for the NAD88 elevations is a previously checked PK nail whose orthometric height is 4082.32 feet.

Joseph H. Bell



Coordinate Conversion Parameter Database: C:\Program Files\Blue Marble Geo\Geographic Calculator\data\geocalc.dat

	<i>PNO</i>	<i>NAM</i>	<i>DSC</i>	<i>NTH</i>	<i>EST</i>	<i>ELV</i>	<i>MSK</i>	<i>STT</i>
R1	1		BASE	32.845802	-106.063131	4082.32	1057	1
R2	1001		SS61-MW08 PVC CASING	32.859312	-106.079302	4093.494	1057	1
R3	1002		SS61-MW08 PAD	32.859313	-106.079302	4091.506	1057	1
R4	1003		SS61-MW07 PVC CASING	32.859519	-106.080740	4093.434	1057	1
R5	1004		SS61-MW07 PAD	32.859520	-106.080739	4091.364	1057	1
R6	1005		SS61-MW12 PVC CASING	32.858457	-106.079729	4090.61	1057	1
R7	1006		SS61-MW12 STEAL CASING	32.858458	-106.079729	4090.922	1057	1
R8	1007		SS61-MW09 PVC CASING	32.858651	-106.078990	4094.582	1057	1
R9	1008		SS61-MW09 PAD	32.858652	-106.078990	4092.556	1057	1
R10	1009		SS61-MW10 PVC CASING	32.858085	-106.078405	4091.942	1057	1
R11	1010		SS61-MW10 STEAL CASING	32.858086	-106.078405	4092.162	1057	1
R12	2		HOLLOMA N	32.852258	-106.071679	4170.919	1057	1
R13	3		GARTON	32.864159	-106.115396	4142.33	1057	1
R14	4		MALONE DRAW	32.901399	-106.087683	4217.1	1057	1
R15	5		HOLLOMA N	32.859256	-106.106119	4143.905	1057	1
R16	6		HOLLOMA N	32.848643	-106.069742	4164.43	1057	1
R17	7		HOLLOMA N	32.836698	-106.071990	4147.136	1057	1
R18	8		HOLLOMA N	32.836698	-106.071990	1317.044	1057	1
R19	9		HOLLOMA N	32.837296	-106.100052	1310.528	1057	1
R20	10		HOLLOMA N	32.835054	-106.087553	4129.866	1057	1
R21	11		HOLLOMA N	32.829233	-106.097012	4115.263	1057	1
R22	1011		BL-74 BRASS CAP	32.847044	-106.074690	4078.664	1057	1
R23	1012		NAIL ELEV > 1243.103M	32.846041	-106.074518	4078.411	1057	1

	<i>PNO</i>	<i>NAM</i>	<i>DSC</i>	<i>NTH</i>	<i>EST</i>	<i>ELV</i>	<i>MSK</i>	<i>STT</i>
<i>R24</i>	1013		SS61-MW11 PVC CASING	32.855533	-106.079392	4087.706	1057	1
<i>R25</i>	1014		SS61-MW11 STEEL CASING	32.855534	-106.079392	4087.97	1057	1

*Blue Marble Geographics.*  
*"The Geographic Software Component Company."*  
261 Water Street, Gardiner, Maine, USA Voice: (207)582-6747 Fax: (207)582-7001  
Web Site: [www.blumarblegeo.com](http://www.blumarblegeo.com) Sales: [geoinfo@blumarblegeo.com](mailto:geoinfo@blumarblegeo.com) Support: [geohelp@blumarblegeo.com](mailto:geohelp@blumarblegeo.com)

## POINTS

PNO	DSC	NTH	EST	ELV
1	BASE	671480.68	1697805.268	4082.32
1001	SS61-MW08 PVC CASING	676387.25	1692830.996	4093.494
1002	SS61-MW08 PAD	676387.573	1692831.089	4091.506
1003	SS61-MW07 PVC CASING	676461.969	1692389.577	4093.434
1004	SS61-MW07 PAD	676462.258	1692389.741	4091.364
1005	SS61-MW12 PVC CASING	676076.118	1692700.423	4090.61
1006	SS61-MW12 STEAL CASING	676076.394	1692700.519	4090.922
1007	SS61-MW09 PVC CASING	676146.996	1692927.418	4094.582
1008	SS61-MW09 PAD	676147.264	1692927.454	4092.556
1009	SS61-MW10 PVC CASING	675941.276	1693107.246	4091.942
1010	SS61-MW10 STEAL CASING	675941.542	1693107.296	4092.162
2	HOLLOMAN	673824.804	1695176.113	4170.919
3	GARTON	678134.716	1681745.875	4142.33
4	MALONE DRAW	691695.274	1690234.208	4217.1
5	HOLLOMAN	676354.613	1684596.761	4143.905
6	HOLLOMAN	672510.605	1695773.311	4164.43
7	HOLLOMAN	668163.833	1695090.314	4147.136
8	HOLLOMAN	668163.833	1695090.314	1317.044
9	HOLLOMAN	668367.877	1686470.99	1310.528
10	HOLLOMAN	667558.053	1690311.103	4129.866
11	HOLLOMAN	665435.99	1687408.791	4115.263
1011	BL-74 BRASS CAP	671926.403	1694254.771	4078.664
1012	NAIL ELEV > 1243.103M	671561.671	1694308.198	4078.411
1013	SS61-MW11 PVC CASING	675012.571	1692805.6	4087.706
1014	SS61-MW11 STEEL CASING	675012.847	1692805.555	4087.97
PNO	DSC		METERS	
1	BASE	204667.721	517492.0807	1244.294
1001	SS61-MW08 PVC CASING	206163.246	515975.9195	1247.699
1002	SS61-MW08 PAD	206163.345	515975.9479	1247.094
1003	SS61-MW07 PVC CASING	206186.021	515841.3748	1247.681
1004	SS61-MW07 PAD	206186.109	515841.4247	1247.05
1005	SS61-MW12 PVC CASING	206068.413	515936.1208	1246.82
1006	SS61-MW12 STEAL CASING	206068.497	515936.1501	1246.916
1007	SS61-MW09 PVC CASING	206090.017	516005.309	1248.031
1008	SS61-MW09 PAD	206090.098	516005.32	1247.414
1009	SS61-MW10 PVC CASING	206027.313	516060.1207	1247.226
1010	SS61-MW10 STEAL CASING	206027.394	516060.1359	1247.293
2	HOLLOMAN	205382.211	516690.7126	1271.299
3	GARTON	206695.875	512597.1679	1262.585
4	MALONE DRAW	210829.141	515184.417	1285.375
5	HOLLOMAN	206153.298	513466.1197	1263.065
6	HOLLOMAN	204981.642	516872.7389	1269.321
7	HOLLOMAN	203656.744	516664.561	1264.05
8	HOLLOMAN	203656.744	516664.561	401.4358
9	HOLLOMAN	203718.936	514037.3858	399.4497
10	HOLLOMAN	203472.102	515207.8546	1258.786
11	HOLLOMAN	202825.295	514323.2281	1254.335
1011	BL-74 BRASS CAP	204803.577	516409.887	1243.179
1012	NAIL ELEV > 1243.103M	204692.407	516426.1716	1243.102

POINTS

1013	SS61-MW11	PVC CASING	205744.243	515968.1788	1245.935
1014	SS61-MW11	STEEL CASING	205744.327	515968.1651	1246.016

good.txt

PNO	NTH	EST	ELV	DSC	
1	671480.68		1697805.268		4082.32 BASE
1001	676468.241		1689333.926		4093.494 SS61-MW08 P
VC CASING					
1002	676468.564		1689334.019		4091.506 SS61-MW08 P
AD					
1003	676542.96		1688892.507		4093.434 SS61-MW07 P
VC CASING					
1004	676543.249		1688892.671		4091.364 SS61-MW07 P
AD					
1005	676157.109		1689203.353		4090.61 SS61-MW12 PVC CASIN
G					
1006	676157.385		1689203.449		4090.922 SS61-MW12 S
TEAL CASING					
1007	676227.987		1689430.348		4094.582 SS61-MW09 P
VC CASING					
1008	676228.255		1689430.384		4092.556 SS61-MW09 P
AD					
1009	676022.267		1689610.176		4091.942 SS61-MW10 P
VC CASING					
1010	676022.533		1689610.226		4092.162 SS61-MW10 S
TEAL CASING					
1012	671561.671		1694308.198		4078.411 NAIL ELEV >
1243.103M					
1013	675093.562		1689308.53		4087.706 SS61-MW11 P
VC CASING					
1014	675093.838		1689308.485		4087.97 SS61-MW11 STEEL CAS
ING					

**Appendix E**  
**Risk Assessment Supporting Information**

## **Checklist for Ecological Assessment and Sampling**

# Checklist for Ecological Assessment/Sampling

## I. SITE DESCRIPTION

1. Site Name: Holloman AFB  
Location: SS-6el (southern half)  
County: Otero City: Alamogordo State: New Mexico
2. Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_  
STP feet (N) 676533.93 feet (E) 1689639.5 feet  
AP → ~~676533.93 feet~~ 1095.4 feet Above Sea Level
3. What is the approximate area of the site? 280,000 feet<sup>2</sup> ~ 6.5 acres
4. Is this the first site visit? ~~yes~~  no If no, attach trip report of previous site visit(s), if available. N/A  
Date(s) of previous site visit(s): April 6-13, 1999
5. Please attach to the checklist USGS topographic map(s) of the site, if available. N/A
6. Are aerial or other site photographs available?  yes  no If yes, please attach any available photo(s) to the site map at the conclusion of this section.  
See Appendix C of Phase II RI

7. The land use on the site is:

0 % Urban

0 % Rural

0 % Residential

100 % Industrial ( light  heavy)

0 % Agricultural

(Crops: \_\_\_\_\_)

0 % Recreational

(Describe; note if it is a park, etc.)

\_\_\_\_\_

\_\_\_\_\_

0 % Undisturbed

0 % Other

The area surrounding the site is:

2 mile radius

0 % Urban

25 % Rural

5 % Residential

20 % Industrial ( light  heavy)

0 % Agricultural

(Crops: \_\_\_\_\_)

0 % Recreational

(Describe; note if it is a park, etc.)

\_\_\_\_\_

\_\_\_\_\_

50 % Undisturbed

0 % Other

8. Has any movement of soil taken place at the site?  yes  no. If yes, please identify the most likely cause of this disturbance:

\_\_\_\_\_ Agricultural Use

X Heavy Equipment

\_\_\_\_\_ Mining

\_\_\_\_\_ Natural Events

\_\_\_\_\_ Erosion

\_\_\_\_\_ Other

Please describe:

Construction of buildings  
Covering of parking area with gravel

9. Do any potentially sensitive environmental areas exist adjacent to or in proximity to the site, e.g., Federal and State parks, National and State monuments, wetlands, prairie potholes? Remember, flood plains and wetlands are not always obvious; do not answer "no" without confirming information.

NO

Please provide the source(s) of information used to identify these sensitive areas, and indicate their general location on the site map.

10. What type of facility is located at the site?

Chemical       Manufacturing  Mixing       Waste disposal

Other (specify) Air Force Base

11. What are the suspected contaminants of concern at the site? If known, what are the maximum concentration levels?

- VOCs

- JP-4

- Gasoline/diesel fuels

12. Check any potential routes of off-site migration of contaminants observed at the site:

Swales       Depressions       Drainage ditches

Runoff       Windblown particulates  Vehicular traffic

Other (specify) None (soil is covered with gravel)

13. If known, what is the approximate depth to the water table? 12 feet

14. Is the direction of surface runoff apparent from site observations?  yes  no If yes, to which of the following does the surface runoff discharge? Indicate all that apply.

Surface water       Groundwater       Sewer       Collection impoundment

15. Is there a navigable waterbody or tributary to a navigable waterbody?       yes  no

16. Is there a waterbody anywhere on or in the vicinity of the site? If yes, also complete Section III: Aquatic Habitat Checklist -- Non-Flowing Systems and/or Section IV: Aquatic Habitat Checklist -- Flowing Systems.

yes (approx. distance \_\_\_\_\_)  no

17. Is there evidence of flooding?  yes  no *Wetlands and flood plains are not always obvious; do not answer "no" without confirming information.* If yes, complete Section V: Wetland Habitat Checklist.

18. If a field guide was used to aid any of the identifications, please provide a reference. Also, estimate the time spent identifying fauna. [Use a blank sheet if additional space is needed for text.]

Holleman AFB Natural Resource Manager Hildy Reiser, Ph.D  
was consulted about wildlife and plants in the area  
beside the site visit observations in 2000 (April).

19. Are any threatened and/or endangered species (plant or animal) known to inhabit the area of the site?  yes  no  
*If yes, you are required to verify this information with the U.S. Fish and Wildlife Service. If species' identities are known, please list them next.*

None observed at SS-6el.

20. Record weather conditions at the time this checklist was prepared:

DATE: April 28-May 15, 2000  
High: 85-100 °F  
Low: 65-70 °F Temperature (°C/°F) 90 °F Normal daily high temperature  
Variable: 5-25 mph Wind (direction/speed) trace Precipitation (rain, snow)  
clear to  
partly cloudy Cloud cover

**IA. SUMMARY OF OBSERVATIONS AND SITE SETTING**

Most of the site is relatively flat, paved in asphalt, concrete or coarse gravel. The area contains sparse vegetation with some brush in areas that were originally designated as landscaping areas.

Several commercial buildings are in the area.

No significant drainage pattern was observed at the site.

A stormwater run-off catch basin <sup>AP</sup> is present ~~southwest~~ <sup>AP</sup> in the parking lot north of Building 1079.

Another stormwater catchment is present ~~southwest~~ <sup>AP</sup> southeast of Building 1080.

Minimal areas of exposed soil is present.

Cottontail rabbits, jackrabbits, lizards, and insects were the only animals seen at the site.

Trees and low-lying grasses were the only types of vegetation observed.

Classified as a landscaped/~~disturbed~~ industrial ~~habitat~~ <sup>AP</sup> habitat.

No signs of contamination were observed.

Completed by Carol Bienulis Affiliation Foster Wheeler Environmental Corp

Additional Preparers Alex Pulley

Site Manager James Morning

Date 9-18-2000 Final check

## II. TERRESTRIAL HABITAT CHECKLIST

### IIA. WOODED

1. Are there any wooded areas at the site?  yes  no If no, go to Section IIB: Shrub/Scrub.
2. What percentage or area of the site is wooded? (0 % 0 acres). Indicate the wooded area on the site map which is attached to a copy of this checklist. Please identify what information was used to determine the wooded area of the site.
3. What is the dominant type of vegetation in the wooded area? (Circle one: Evergreen/Deciduous/ Mixed) Provide a photograph, if available.

Dominant plant, if known: N/A

4. What is the predominant size of the trees at the site? Use diameter at breast height.  
 0-6 in.       6-12 in.       > 12 in.      N/A
5. Specify type of understory present, if known. Provide a photograph, if available.

N/A

### IIB. SHRUB/SCRUB

1. Is shrub/scrub vegetation present at the site?  yes  no If no, go to Section IIC: Open Field.
2. What percentage of the site is covered by scrub/shrub vegetation? ( \_\_\_\_\_ % \_\_\_\_\_ acres). Indicate the areas of shrub/scrub on the site map. Please identify what information was used to determine this area.
3. What is the dominant type of scrub/shrub vegetation, if known? Provide a photograph, if available.
4. What is the approximate average height of the scrub/shrub vegetation?  
 0-2 ft.       2-5 ft.       > 5 ft.

5. Based on site observations, how dense is the scrub/shrub vegetation?

- Dense       Patchy       Sparse

**II. OPEN FIELD**

1. Are there open (bare, barren) field areas present at the site?  yes  no If yes, please indicate the type below:

- Prairie/plains       Savannah       Old field       Other (specify) \_\_\_\_\_

2. What percentage of the site is open field? ( 0 % 0 acres). Indicate the open fields on the site map.

3. What is/are the dominant plant(s)? Provide a photograph, if available.

N/A

4. What is the approximate average height of the dominant plant? N/A

5. Describe the vegetation cover:  Dense       Sparse       Patchy

**III. MISCELLANEOUS**

1. Are other types of terrestrial habitats present at the site, other than woods, scrub/shrub, and open field?  yes  no  
If yes, identify and describe them below.

Four concrete berm planters. Originally designated as landscaping, no longer maintained. Would not be classified as adequate wildlife habitat

2. Describe the terrestrial miscellaneous habitat(s) and identify these area(s) on the site map.

Trees, Low-lying grasses, + cactus.

3. What observations, if any, were made at the site regarding the presence and/or absence of insects, fish, birds, mammals, etc.?

Cottontail rabbits, Jackrabbits, Lizards, + Insects

4. Review the questions in Section I to determine if any additional habitat checklists should be completed for this site.

NO

### III. AQUATIC HABITAT CHECKLIST – NON-FLOWING SYSTEMS

N/A

Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.

1. What type of open-water, non-flowing system is present at the site?

- Natural (pond, lake)
- Artificially created (lagoon, reservoir, canal, impoundment)

2. If known, what is the name(s) of the waterbody(ies) on or adjacent to the site?

\_\_\_\_\_

3. If a waterbody is present, what are its known uses (e.g.: recreation, navigation, etc.)?

4. What is the approximate size of the waterbody(ies)? \_\_\_\_\_ acre(s).

5. Is any aquatic vegetation present?  yes  no If yes, please identify the type of vegetation present if known.

- Emergent
- Submergent
- Floating

6. If known, what is the depth of the water? \_\_\_\_\_

7. What is the general composition of the substrate? Check all that apply.

- Bedrock
- Sand (coarse)
- Muck (fine/black)
- Boulder (>10 in.)
- Silt (fine)
- Debris
- Cobble (2.5-10 in.)
- Marl (shells)
- Detritus
- Gravel (0.1-2.5 in.)
- Clay (slick)
- Concrete
- Other (specify) \_\_\_\_\_

8. What is the source of water in the waterbody?

- River/Stream/Creek
- Groundwater
- Other (specify) \_\_\_\_\_
- Industrial discharge
- Surface runoff

9. Is there a discharge from the site to the waterbody?  yes  no If yes, please describe this discharge and its path.

10. Is there a discharge from the waterbody?  yes  no If yes, and the information is available, identify from the list below the environment into which the waterbody discharges.

- |   |                                 |                                  |                |
|---|---------------------------------|----------------------------------|----------------|
| <input type="checkbox"/> River/Stream/Creek | <input type="checkbox"/> onsite | <input type="checkbox"/> offsite | Distance _____ |
| <input type="checkbox"/> Groundwater        | <input type="checkbox"/> onsite | <input type="checkbox"/> offsite |                |
| <input type="checkbox"/> Wetland            | <input type="checkbox"/> onsite | <input type="checkbox"/> offsite | Distance _____ |
| <input type="checkbox"/> Impoundment        | <input type="checkbox"/> onsite | <input type="checkbox"/> offsite |                |

11. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected provide the measurement and the units of measure below:

- \_\_\_\_\_ Area
- \_\_\_\_\_ Depth (average)
- \_\_\_\_\_ Temperature (depth of the water at which the reading was taken) \_\_\_\_\_
- \_\_\_\_\_ pH
- \_\_\_\_\_ Dissolved oxygen
- \_\_\_\_\_ Salinity
- \_\_\_\_\_ Turbidity (clear, slightly turbid, turbid, opaque) (Secchi disk depth \_\_\_\_\_ )
- \_\_\_\_\_ Other (specify)

12. Describe observed color and area of coloration.

13. Mark the open-water, non-flowing system on the site map attached to this checklist.

14. What observations, if any, were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

**IV. AQUATIC HABITAT CHECKLIST – FLOWING SYSTEMS**

N/A

*Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.*

1. What type(s) of flowing water system(s) is (are) present at the site?

- |   |  |                                     |
|---|--|-------------------------------------|
| <input type="checkbox"/> River                              | <input type="checkbox"/> Stream                | <input type="checkbox"/> Creek      |
| <input type="checkbox"/> Dry wash                           | <input type="checkbox"/> Arroyo                | <input type="checkbox"/> Brook      |
| <input type="checkbox"/> Artificially created (ditch, etc.) | <input type="checkbox"/> Intermittent Stream   | <input type="checkbox"/> Channeling |
|   | <input type="checkbox"/> Other (specify) _____ |                                     |

2. If known, what is the name of the waterbody? \_\_\_\_\_

3. For natural systems, are there any indicators of physical alteration (e.g., channeling, debris, etc.)?  
 yes  no If yes, please describe indicators that were observed.

4. What is the general composition of the substrate? Check all that apply.

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Bedrock               | <input type="checkbox"/> Sand (coarse) | <input type="checkbox"/> Muck ( fine/black) |
| <input type="checkbox"/> Boulder (>10 in.)     | <input type="checkbox"/> Silt (fine)   | <input type="checkbox"/> Debris             |
| <input type="checkbox"/> Cobble (2.5-10 in.)   | <input type="checkbox"/> Marl (shells) | <input type="checkbox"/> Detritus           |
| <input type="checkbox"/> Gravel (0.1-2.5 in.)  | <input type="checkbox"/> Clay (slick)  | <input type="checkbox"/> Concrete           |
| <input type="checkbox"/> Other (specify) _____ |  |   |

5. What is the condition of the bank (e.g., height, slope, extent of vegetative cover)?

6. Is the system influenced by tides?  yes  no What information was used to make this determination?

7. Is the flow intermittent?  yes  no If yes, please note the information that was used in making this determination.

8. Is there a discharge from the site to the waterbody?  yes  no If yes, please describe the discharge and its path.

9. Is there a discharge from the waterbody?  yes  no If yes, and the information is available, please identify what the waterbody discharges to and whether the discharge is on site or off site.

10. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected, provide the measurement and the units of measure in the appropriate space below:

- \_\_\_\_\_ Width (ft.)
- \_\_\_\_\_ Depth (ft.)
- \_\_\_\_\_ Velocity (specify units): \_\_\_\_\_
- \_\_\_\_\_ Temperature (depth of the water at which the reading was taken \_\_\_\_\_)
- \_\_\_\_\_ pH
- \_\_\_\_\_ Dissolved oxygen
- \_\_\_\_\_ Salinity
- \_\_\_\_\_ Turbidity (clear, slightly turbid, turbid, opaque)  
(Secchi disk depth \_\_\_\_\_)
- \_\_\_\_\_ Other (specify) \_\_\_\_\_

11. Describe observed color and area of coloration.

12. Is any aquatic vegetation present?  yes  no If yes, please identify the type of vegetation present, if known.

Emergent

Submergent

Floating

13. Mark the flowing water system on the attached site map.

14. What observations were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

V. WETLAND HABITAT CHECKLIST

N/A

1. Based on observations and/or available information, are designated or known wetlands definitely present at the site?  
 yes  no

Please note the sources of observations and information used (e.g., USGS Topographic Maps, National Wetland Inventory, Federal or State Agency, etc.) to make this determination.

2. Based on the location of the site (e.g., along a waterbody, in a floodplain) and site conditions (e.g., standing water, dark, wet soils; mud cracks; debris line; water marks), are wetland habitats suspected?  
 yes  no If yes, proceed with the remainder of the wetland habitat identification checklist.

3. What type(s) of vegetation are present in the wetland?

- Submergent  Emergent  
 Scrub/Shrub  Wooded

Other (specify) \_\_\_\_\_

4. Provide a general description of the vegetation present in and around the wetland (height, color, etc.). Provide a photograph of the known or suspected wetlands, if available.

5. Is standing water present?  yes  no If yes, is this water:  Fresh  Brackish  
What is the approximate area of the water (sq. ft.)? \_\_\_\_\_

Please complete questions 4, 11, 12 in Checklist III - Aquatic Habitat -- Non-Flowing Systems.

6. Is there evidence of flooding at the site? What observations were noted?

- Buttressing  Water marks  Mud cracks  
 Debris line  Other (describe below)

7. If known, what is the source of the water in the wetland?

- Stream/River/Creek/Lake/Pond                       Groundwater  
 Flooding     Surface Runoff

8. Is there a discharge from the site to a known or suspected wetland?  yes  no If yes, please describe.

9. Is there a discharge from the wetland?  yes  no. If yes, to what waterbody is discharge released?

- Surface Stream/River               Groundwater    Lake/Pond                       Marine

10. If a soil sample was collected, describe the appearance of the soil in the wetland area. Circle or write in the best response.

Color (blue/gray, brown, black, mottled) \_\_\_\_\_

Water content (dry, wet, saturated/unsaturated) \_\_\_\_\_

11. Mark the observed wetland area(s) on the attached site map.

## **Phase I Remedial Investigation Human Health and Ecological Risk Assessments**

This portion of Appendix E presents an excerpted section (Section 7.0) from the Phase I Remedial Investigation Report of SS-61 (Foster Wheeler, 1999b). Please refer to analytical data tables and figures in the Phase II RI report where indicated. All other figures and tables from Section 7.0 of the Phase I RI report are provided in this appendix.

## 7.0 SCREENING-LEVEL RISK ASSESSMENT

This section presents the screening-level human health risk assessment (HHRA) and the screening-level ecological risk assessment (SLERA) prepared for the northern part of SS-61. The purpose of the HHRA and SLERA is to evaluate the magnitude and probability of threats to public health and the environment posed by site-related chemicals in untreated soil and groundwater. Two land-use scenarios, residential and industrial, were evaluated in the HHRA and are discussed in Section 7.1.1.3.

### 7.1 HUMAN HEALTH RISK ASSESSMENT

The primary objectives of this screening-level HHRA are to focus the analytical results presented in Section 5.0 on the chemicals of potential concern (COPCs), identify potential exposure pathways, and evaluate potential risk to human health. The HHRA consists of a comparison of site investigation data to Holloman AFB action levels and EPA Region VI preliminary remediation goals (PRGs). This HHRA was conducted in accordance with standard EPA guidance (EPA, 1989; 1991).

This screening-level HHRA includes data evaluation, a discussion of the HHRA methodology, and a summary of findings and conclusions.

#### 7.1.1 Data Summary and Selection of Chemicals of Potential Concern

As described in Section 5.0, soil samples and groundwater samples were collected during two RFI phases in 1996 and 1997 and the RI in April 1999 (see tables and figures Section 5.0 of the Phase II RI report). Soil samples were taken at depths ranging from 1 ft to 32 ft bgs. Soil samples from 1996 and 1997 were analyzed for VOCs and explosives, and samples taken in 1999 were analyzed for VOCs and TRPH. Groundwater samples from all sampling events were analyzed for VOCs. The Phase I RFI groundwater samples and a portion of the Phase II RFI groundwater samples were also analyzed for explosives.

The selection process for COPCs evaluated the following characteristics of the data:

- Chemical must have been detected in site soil or groundwater
- Complete exposure pathway must exist between the potential receptor and the chemical

- Detected chemical concentration must exceed PRGs or Holloman AFB action levels

#### *7.1.1.1 Detections in Site Soil and Groundwater*

In the first step of the selection process, this HHRA considered data in soils less than 12 ft bgs. This depth was considered a realistic estimate of the soil to which potential receptors may be exposed through such activities as the excavation of a basement or other construction.

There were three detections of VOCs in soils less than 12 feet bgs (benzene, 29,400 µg/kg; ethylbenzene, 6,540 µg/kg; and total xylenes, 2,030 µg/kg). Each VOC was detected once in samples collected from soil less than 12 ft bgs. There were eight detections of TRPH in soil samples collected from less than 12 ft bgs. These analytical results are included in Section 5.2 of the Phase II RI report. The locations where soil samples were collected are presented in Figure 2-2 of the Phase II RI report. All explosives and VOC detections in soils greater than 12 ft bgs were not considered in the HHRA because a complete exposure pathway does not exist between these contaminants and potential receptors.

Groundwater samples were also collected and analyzed for VOCs during the RFIs in 1996, 1997, and the 1999 RI of SS-61. All positively identified chemicals detected in groundwater were initially considered preliminary COPCs. Preliminary COPCs for groundwater included: benzene; bromoform; sec-butylbenzene; tert-butylbenzene; chlorobenzene; chloroethane; chloroform; chloromethane; 1,2-dibromoethane; dibromomethane; 1,2-dichlorobenzene; 1,3-dichlorobenzene; 1,4-dichlorobenzene; 1,1-dichloroethane; 1,2-dichloroethane; 1,2-dichloropropane; cis- and trans-1,3-dichloropropene; ethylbenzene; isopropylbenzene; methylene chloride; nitrobenzene; n-propyl benzene; RDX; Tetryl; toluene; trichloroethene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; and ortho-, meta-, and para-xylenes. Analytical results for groundwater detections are included in Section 5.3 of the Phase II RI report.

#### *7.1.1.2 Exposure Setting and Site Conceptual Model*

The exposure setting includes the physical environment, current and potential future land use at the site, and the distribution of contamination in soil and groundwater that have been affected by site activities. Section 3.0 of this report includes information on the physical characteristics of

the site and serves as the basis for identifying the receptors and specific pathways used in the quantitative assessment and presented in Figure 7-1.

The site conceptual model is used to identify exposure pathways, which are descriptions of the ways in which receptors may potentially be exposed to contaminants at a site. The pathway analysis involves examination of each potential contaminant source, contaminant transport pathway, and potentially exposed population to determine which combinations should be evaluated in the screening-level HHRA. The combinations that are considered for risk evaluation are those that represent complete or potentially complete current and future pathways (making reasonable assumptions about future land use).

Figure 7-1 shows the site conceptual model for the screening-level HHRA for the northern part of SS-61. Surface and subsurface soil presumably received the initial contamination from releases during fuel dispensing at the concrete pad. There is a potential for VOCs to volatilize from soil, resulting in a complete exposure pathway via inhalation. An exposure pathway could also be created by wind transporting preliminary COPCs as dust particles to receptors via particulate inhalation. Dermal contact with the soil and inadvertent ingestion of the soil are additional potentially complete exposure pathways for soil.

Intrusive activities, such as construction of a basement, would also create a potential exposure pathway at SS-61. When intrusive activities occur, subsurface soil is exposed and the same pathways as described above for surface soil, are created. Typically, intrusive activities do not occur at depths greater than 12 ft bgs. Therefore, only subsurface soil data less than 12 ft bgs were evaluated in this screening-level HHRA. Intrusive activities are not planned for SS-61, but are possible.

As discussed in Section 7.1.1, contamination has been detected in site groundwater and contamination is likely the result of leaching from subsurface soils to groundwater. The groundwater beneath Holloman AFB is nonpotable because it has TDS concentrations greater than 10,000 mg/L Basewide. Therefore, groundwater is not used at this site. On-site groundwater does not discharge into a reservoir or any surface water. Therefore, exposure to COPCs through exposure to groundwater will not occur and was not evaluated in this screening-level HHRA.

### *7.1.1.3 Identification of Potential Receptors*

Two land-use scenarios were evaluated for SS-61. The first land-use scenario assumes the site is converted into a residential area. Holloman AFB is not currently developed for residential use, nor is it anticipated that it will be in the future. SS-61 lies just north of the runway and is surrounded by industrial use buildings, such as an airplane hanger. However, the residential receptor is considered a conservative potential receptor because it includes long-term daily exposure to residents and exposure to children. As recommended by NMED, when risk-based action levels exist for multiple exposure scenarios, Holloman AFB must use the more conservative exposure scenario (i.e., residential) to initially evaluate risk, regardless of the current land use. If the risk for a given area is acceptable for residents, it is assumed that the risk will be acceptable for all other receptors.

The second land-use scenario assumes that the site is used for industrial purposes. This scenario is a conservative approximation of current land use in this area, as there are actually no current operations in the immediate vicinity of the concrete pad. The current and anticipated future land use for SS-61 is an industrial setting. The industrial worker was chosen because it is a realistic scenario for the current and future land use for SS-61.

### *7.1.1.4 Comparison to PRGs and Action Levels*

EPA Region VI PRGs are chemical concentrations in soil that correspond to accepted levels of risk. EPA Region VI calculated PRG values based on an acceptable target cancer risk of  $1 \times 10^{-6}$  (or a one in a million chance of developing cancer) and a noncancer hazard quotient of 1.0 (EPA, 1999). These PRGs incorporate potential exposure to on-site soils by ingestion, dermal contact, and inhalation. Residential PRGs are developed under the conservative assumptions that a resident is exposed to site soil for 30 years and 350 days per year. The PRG calculation includes exposure to a child. The EPA Region VI industrial PRG assumes that workers are exposed to site soil for 250 days per year for 25 years (EPA, 1999), resulting in a more appropriate scenario for the current and future land use expected at Holloman AFB.

The Holloman AFB action levels establish a soil concentration above which remediation should be considered (see Section 4.0). TRPH and benzene were the only preliminary COPCs that have applicable action levels at Holloman AFB; 1,000 mg/kg and 25 mg/kg, respectively.

The maximum detected values of ethylbenzene and total xylenes in soil samples collected from less than 12 ft bgs at SS-61 were compared to EPA Region VI PRGs (EPA, 1999) to determine if there is potential risk to a future on-site resident and an industrial worker. TRPH concentrations were compared to the Holloman AFB action level because an EPA Region VI PRG has not been developed. Benzene concentrations were compared to both the EPA Region VI PRG and the Holloman AFB action level. Table 7-1 shows these comparisons for the current and future land-use scenarios.

#### 7.1.2 HHRA Results and Conclusions

This section describes the results of the screening-level HHRA, which can be found in Table 7-1. The detections of ethylbenzene (6.54 mg/kg) and total xylenes (2.03 mg/kg) were both considerably less than the EPA Region VI PRGs (230 mg/kg and 210 mg/kg, respectively) for both industrial and residential scenarios. Therefore, no risk to human health from ethylbenzene or total xylenes is anticipated at SS-61 and these analytes are not identified as COPCs.

Detections of TRPH were compared to the Base-specific action level for this COPC due to lack of a PRG for TRPH. The maximum detection of TRPH (270 mg/kg) was considerably lower than the Holloman AFB action level (1,000 mg/kg), and therefore, no further action is required, and TRPH is not identified as a COPC.

One detection of benzene (29.4 mg/kg) exceeded the Holloman AFB action level (25 mg/kg), the residential PRG (0.62 mg/kg), and the industrial PRG (1.4 mg/kg). Although benzene exceeded the Holloman AFB action level and PRGs, unacceptable risk due to exposure from benzene is not anticipated. The EPA Superfund site remediation goal set forth in the National Oil and Hazardous Substances Pollution Contingency Plan established cancer risks of  $1 \times 10^{-4}$  and  $1 \times 10^{-6}$  (1 in 10,000 to 1 in 1 million) as acceptable levels for known or suspected carcinogens. The risk due to exposure to benzene falls within this acceptable risk range. Furthermore, the exposure scenario assumes that the receptor is continually exposed to the COPC at the maximum

concentration, but benzene was detected only once in the 22 samples collected less than 12 ft bgs at the site. Such a low detection frequency suggests that the occurrence of benzene at SS-61 is infrequent enough that the receptor would rarely, if ever, come into contact with the COPC.

### 7.1.3 Uncertainty Analysis

Risk evaluations have various uncertainties associated with them. In this section, a qualitative discussion of the uncertainties associated with this HHRA is presented.

HHRAs are not intended to estimate actual risks to a receptor from exposure to contaminants in the environment. In fact, estimating actual risks is impossible because of the variability in the exposed or potentially exposed populations. Therefore, the HHRA is a means of estimating the probability that an adverse health effect will occur in a receptor. The many conservative assumptions used in HHRAs guards against underestimation of risks.

This screening-level HHRA combined site data with assumptions about the individual receptor's exposures to affected media. This assessment conservatively assumed exposure to a single, maximum concentration of the COPC detected in soil. Individuals would more typically be exposed to a wide range of concentrations, resulting in a lower average exposure. This assessment also conservatively assumed a residential scenario that is not currently planned at this site. These conservative assumptions may result in overestimation of risk unless they are considered during evaluation of the HHRA results.

## 7.2 ECOLOGICAL RISK ASSESSMENT

A SLERA was performed as part of the risk evaluation for SS-61 and was conducted in accordance with EPA guidance (EPA, 1997). The purpose of the SLERA was to evaluate whether site-specific contaminant levels in soil and groundwater posed a potential risk to ecological receptors at the site. The SLERA has been organized to present the data collected, discuss the data assessment, and summarize the findings and conclusions.

### 7.2.1 Ecological Setting

The following section presents information pertaining to the description of the site, the ecological setting of the site, and species of special concern that could potentially occur at the site. The description of the physical setting of Holloman AFB is based on personal

communication with Dr. Hildy Reiser, Natural Resources Manager, Holloman AFB (Reiser, 1999).

The ecological setting encompassed by the northern part of SS-61 is classified as disturbed, with elements of the following habitat types: gypdropseed, alkali sacaton, and four-wing saltbush shrubland with honey mesquite. The site is sparsely vegetated with no permanent water. The closest permanent surface water features are Lake Holloman and Lake Stinky located approximately 3 miles away. The northern boundary of the site comprises native undisturbed habitat, including gypdropseed habitat. The major surrounding habitat is four-wing saltbush-alkali sacaton shrubland. A population of gramma grass cactus, a Base-sensitive species, occurs approximately 500 ft north of SS-61.

The following mammals have been identified at Holloman AFB and may occur at SS-61: approximately 5 to 6 species of rodents (including the kangaroo rat), badger, oryx (an introduced exotic species of antelope from Africa), coyote, black-tailed jackrabbit, and cottontail rabbit. The following birds may also occur: mourning dove, western kingbird, Say's phoebe, American kestrel, Chihuahuan raven, loggerhead shrike (a Base-sensitive species), and horned lark. A historic burrowing owl site is located approximately 600 ft west of SS-61. A population of barn owls, protected by the Migratory Bird Treaty Act, is located approximately 450 ft northeast of SS-61. A variety of reptiles are known to occur, including western diamondback, coachwhip, Texas horned lizard (a Base-sensitive species), and other lizard species.

### 7.2.2 Selection of Chemicals of Potential Ecological Concern

The assessment of exposure and potential risk is based on site-related chemicals that may be associated with adverse effects on environmental receptors. These chemicals are considered chemicals of potential ecological concern (COPECs). The selection process for COPECs evaluated these four characteristics of the data: (1) the chemical must have been detected in site soil or groundwater, (2) the chemical detection must be ecologically relevant, (3) a complete exposure pathway must exist between the receptor and the chemical, and (4) the detected chemical concentration must exceed site action levels.

### *7.2.2.1 Detections in Site Soils and Groundwater*

Soil samples were collected during the RFI in 1996 and 1997 and the RI in April 1999. Soil samples were collected from depths ranging from 1 ft to 32 ft bgs. A total of 14 samples were collected in soils less than 9 ft bgs. Soil samples from 1996 and 1997 were analyzed for VOCs and explosives, and samples collected in 1999 were analyzed for VOCs and TRPH.

Groundwater samples were also collected during the RFIs in 1996 and 1997 and the RI in April 1999 and samples analyzed for VOCs. Sample locations for soil and groundwater are presented Figure 2-2.

### *7.2.2.2 Ecological Relevancy*

This SLERA considered soil data collected from less than 10 ft bgs. This depth was considered to be a realistic estimate of the soil depth to which potential ecological receptors would most likely be exposed (e.g., burrowing animals). All positively identified chemicals detected in soils less than 10 ft bgs were considered further as COPECs. TRPH is the only analyte detected in soil at 0 to 10 ft bgs at this site and thus is considered in the next step of the COPEC selection process.

All positively identified chemicals detected in groundwater were initially considered COPECs. Benzene; sec-butylbenzene; tert-butylbenzene; chloroform; 1,2-dibromoethane; 1,2-dichlorobenzene; 1,2-dichloroethane; ethylbenzene; isopropylbenzene, methylene chloride; n-propylbenzene; toluene; trichloroethene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; and o,m,p-xylenes were detected in site groundwater.

### *7.2.2.3 Identification of Exposure Pathways and Site Conceptual Model*

Complete exposure pathways identify the routes by which biological receptors may become exposed to the contaminated source media. Figure 7-2 presents the generalized site conceptual model for SS-61. Only those chemicals in media with a complete exposure pathway were considered for further evaluation as COPECs. Potential exposure routes may include one or more of the following:

- Inhalation
- Ingestion

- Dermal absorption

For this SLERA, soil ingestion was considered the primary route of exposure. Daily activities such as burrowing, foraging, grooming, and eating may result in exposure to COPECs through soil ingestion. Inhalation and dermal absorption are potential routes of exposure, but at this site, they are not likely to significantly contribute to the total exposure. Therefore, ingestion was the only route of exposure considered in this screening-level evaluation.

Groundwater is not considered a complete exposure pathway at SS-61. The depth to groundwater varies between approximately 19 ft to 28 ft; thus it is below the depth at which an ecological receptor will occur. There is no groundwater discharge to surface water at this site, and groundwater is not used for irrigation or as livestock drinking water. Thus, chemicals detected in groundwater were not considered COPECs and were not further evaluated in the SLERA.

#### 7.2.2.4 Comparison to Site Action Levels

The maximum concentration of TRPH detected in soils from 0 to 10 ft bgs at SS-61 was compared to the Holloman AFB action level of 1,000 mg/kg. Since the maximum concentration of TRPH (270 mg/kg) was less than the action level, TRPH was not retained as a COPEC in this SLERA.

#### 7.2.3 SLERA Results and Conclusions

The potential risk to ecological receptors from exposure to chemicals in soil and groundwater was evaluated for SS-61. No chemicals were identified that met all of the COPEC criteria. COPEC criteria in this evaluation were (1) positive identification in site soils or groundwater, (2) ecological relevancy, (3) existence of a complete exposure pathway for each ecological receptor, and (4) detection at concentrations greater than Holloman AFB action levels. Therefore, no risk to potential receptors from exposure to soils or groundwater is expected at SS-61.

### 7.3 SUMMARY AND CONCLUSIONS

No unacceptable risk to potential receptors was found at SS-61. In the screening-level HHRA, chemicals detected in soils less than 12 ft bgs were compared to Holloman AFB action levels and EPA Region VI PRGs for residential and industrial receptors. Of the chemicals evaluated,

detections of ethylbenzene and total xylenes were detected at concentrations less than PRGs, and TRPH was detected at concentrations less than the Base action level. Benzene was detected at a concentration exceeding the Holloman AFB action level and PRG, but no unacceptable risk due to exposure from benzene is anticipated because this elevated concentration was detected in only one subsurface sample. The HHRA conservatively assumes that exposure to the potential receptor is due to the maximum detected concentration at the site, and receptors would more typically be exposed to a wide range of concentrations, resulting in a lower average exposure. Groundwater was not evaluated in the HHRA because a complete exposure pathway does not exist between groundwater and any receptors.

The SLERA identified COPECs meeting all of the following criteria: (1) positive identification in site soils or groundwater, (2) ecological relevancy, (3) existence of a complete exposure pathway between it and an ecological receptor, and (4) detection at concentrations greater than Holloman AFB action levels. No chemicals were identified that met all of the criteria. Therefore, no risk to potential receptors from exposure to soils or groundwater is expected at SS-61.

## REFERENCES

### U.S. Environmental Protection Agency (EPA)

1989. Risk Assessment Guidance for Superfund: Human Health Evaluation Manual (Part A). EPA/540/1-89/002. Office of Emergency and Remedial Response. Washington D.C.

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### Reiser, H.

1999. Personal Communication. Natural Resources Manager, Holloman AFB, NM. June 11, 1999.

**Table 7-1  
Comparison of Site Data to PRGs and Holloman AFB Action Levels**

CAS Number	Analyte	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Location of Maximum Concentration	Detection Frequency	Action Level <sup>(a)</sup> (mg/kg)	Residential Soil PRG <sup>(b)</sup> (mg/kg)	Industrial Soil PRG <sup>(b)</sup> (mg/kg)
71-43-2	Benzene	29.4	29.4	SS61-DP22	1/22	25	0.62 (c)	1.4 (c)
100-41-4	Ethylbenzene	6.54	6.54	SS61-DP22	1/22	--	230 (sat)	230 (sat)
1330-20-7	Xylenes (total)	2.03	2.03	SS61-DP22	1/22	--	210 (sat)	210 (sat)
NA	TRPH	23	270	SS61-SD01	8/13	1,000	--	--

Notes:

(a) NMED, 1995

(b) PRGs taken from *EPA Region VI Human Health Medium-Specific Screening Levels Table* (EPA, 1999).

AFB = Air Force Base

C = PRG based on cancer potency of the analyte.

CAS = chemical abstract service

mg/kg = milligrams per kilogram

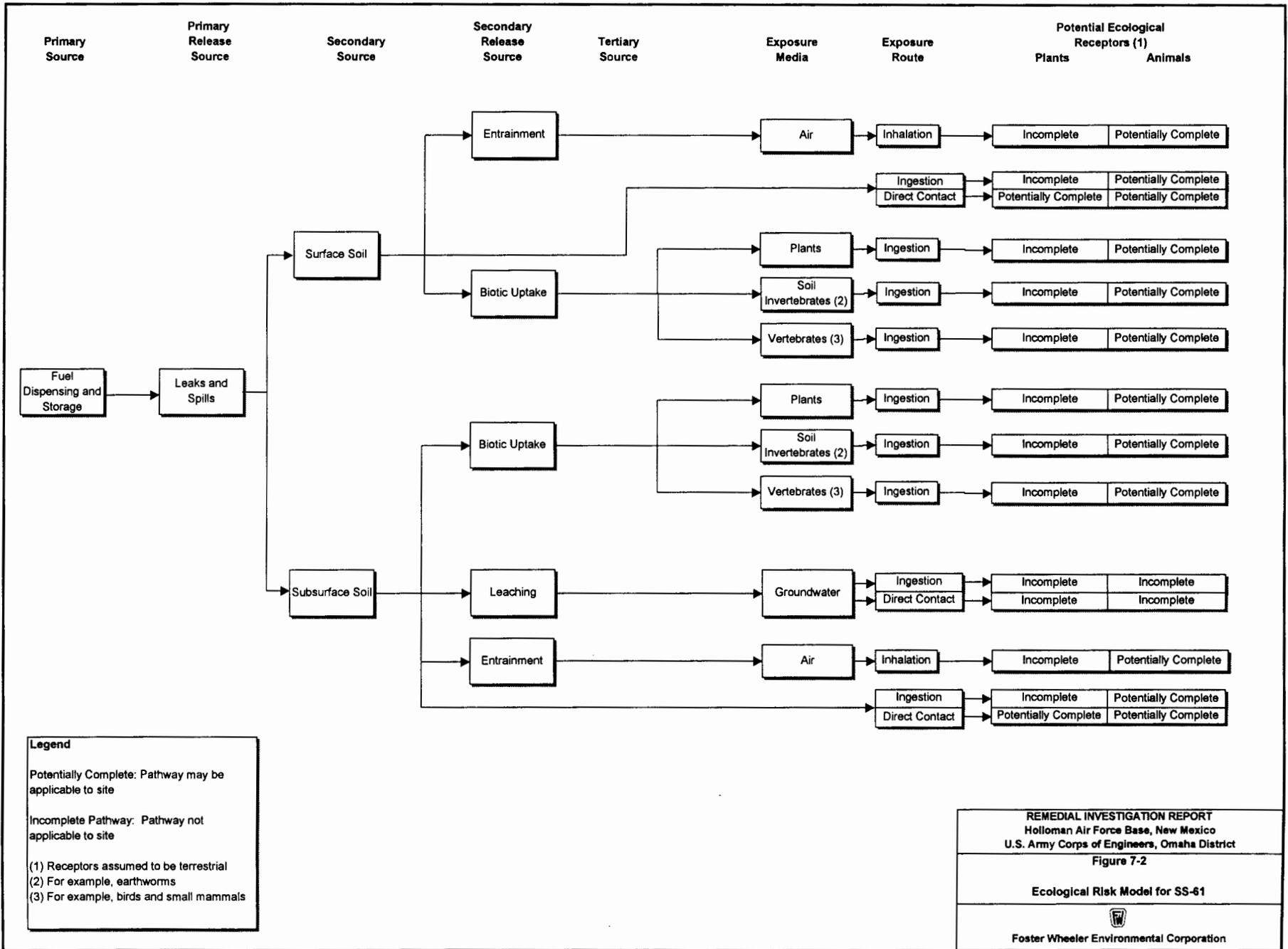
n = PRG based on carcinogenic toxicity

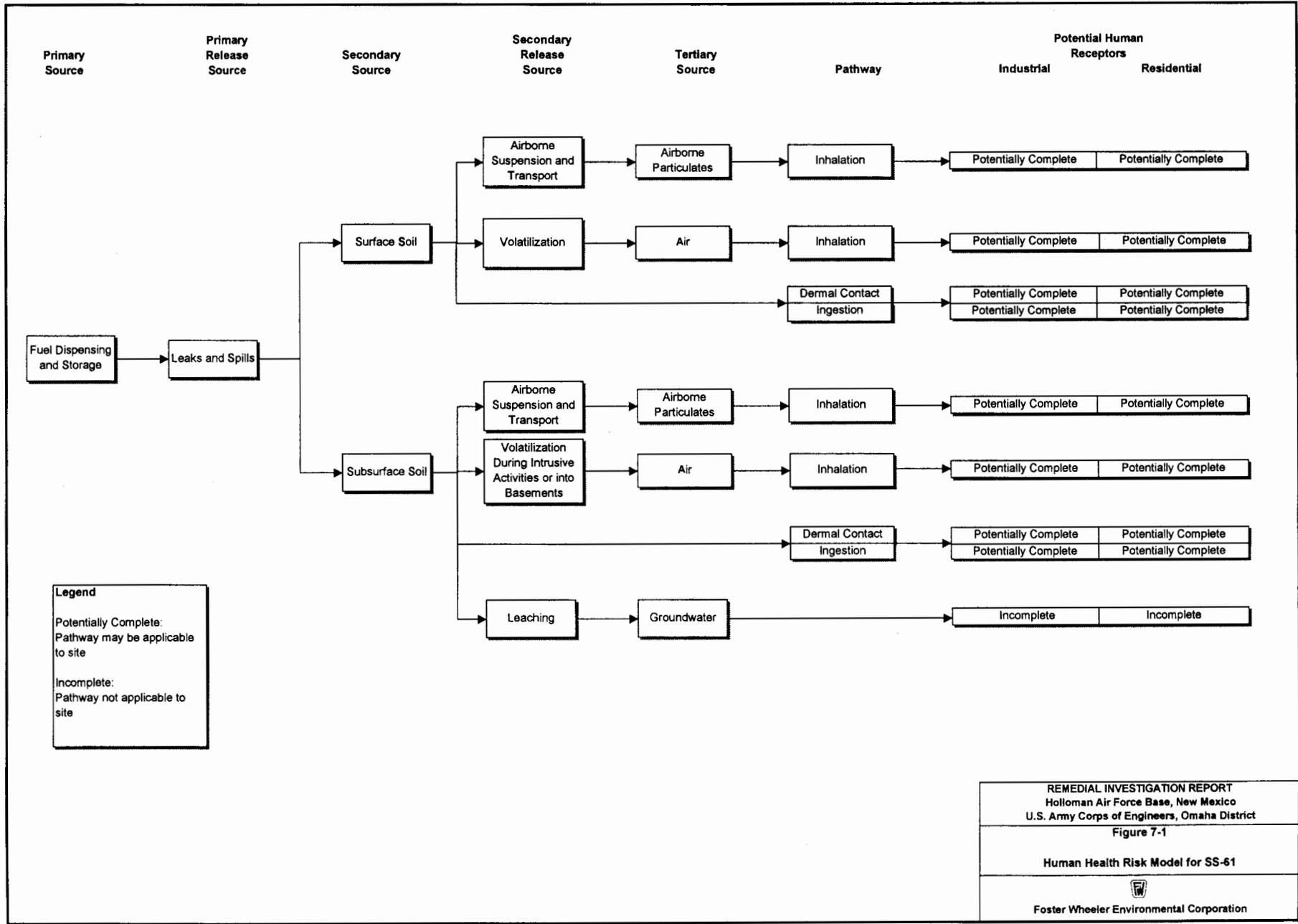
NA = not applicable

PRG = preliminary remediation goal

sat = PRG equal to the saturation point

TRPH = total recoverable petroleum hydrocarbons





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 Holloman Air Force Base, New Mexico  
 U.S. Army Corps of Engineers, Omaha District  
 Figure 7-1  
 Human Health Risk Model for SS-61  
  
 Foster Wheeler Environmental Corporation