URS

October 21, 2008

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Subject: Site ST-26 (SWMU 48A) and AOC 36 Final Corrective Measures Implementation (CMI) Site Closure Report
Cannon Air Force Base (AFB), New Mexico

Ms. Rojko:

Enclosed please find three hard copies of the Final CMI Site Closure Report for Site ST-26 (SWMU 48A) and AOC 36 at Cannon AFB. This version of the report includes changes based on comments provided by Cannon AFB, and will be submitted to NMED for their review and approval. The report documents the CMI investigation and associated analytical results for Site ST-26 (SWMU 48A) and AOC 36. Based on the analytical results, the planned removal action was determined to be unnecessary.

This report was prepared in accordance with the requirements of the Statement of Work dated 21 March 2007 under Contract No. FA8903-04-D-8679, Delivery Order No. 0079.

Please call me at (402) 952-2558 if you have any questions.

Regards,

Jeff Voelker
Project Manager

Enclosures

cc: Jerry Pelfrey, Cannon AFB (four hard copies, including two for transmittal to NMED)

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F I N A L

SITE ST-26 (SWMU 48A) and AOC 36
CORRECTIVE MEASURE IMPLEMENTATION (CMI) SITE CLOSURE REPORT
CANNON AIR FORCE BASE, NEW MEXICO

AFCEE Contract No. FA8903-04-D-8679 Task Order No. 0079

Project No. CZQZ20077926L

October 2008

Prepared for

Air Force Special Operations Command

27th Special Operations Wing

Under contract to

Air Force Center for Engineering and the Environment

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FINAL REPORT
SITE ST-26 (SWMU 48A) AND AOC 36
CORRECTIVE MEAUSRE IMPLEMENTATION (CMI) SITE CLOUSURE REPORT
CANNON AIR FORCE BASE,
NEW MEXICO

October 2008

Prepared by:

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Contract Number FA8903-04-D-8679
Task Order 0079
Project No. CZQZ20077926L

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Acronyms and Abbreviations

°C	degrees Celsius
<2X	analytical data review symbol indicating the difference between sample results was less than two times the reporting limit
µg/kg	micrograms per kilogram
27 CES	27th Special Operations Wing, Civil Engineering Squadron
AFB	Air Force Base
AFCEE	Air Force Center for Engineering and the Environment
AOC	Area of Concern
APPL	Agriculture and Priority Pollutants Laboratories, Inc
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylene
C26-	sample identifier for Site ST-26 (SWMU 48A)
C36-	sample identifier for AOC 36
CAC	Corrective Action Complete
CMI	Corrective Measures Implementation
CMS	Corrective Measures Study
COC	chemical of concern
DRO	diesel range organics
DQCR	Daily Quality Control Report
F	analytical data review qualifier for a result between MDL and RL
gpm	gallon(s) per minute
GRO	gasoline range organics
HSP	Health and Safety Plan
ID	Identification
J	analytical data review qualifier for an estimated result
Lee Wan	Lee Wan and Associates, Inc.
LRL	LRL Sciences, Inc.
MCL	maximum contaminant level

MDL	Method Detection Limit
mg/kg	milligram/kilogram
mg/L	milligrams/Liter
msl	mean sea level
MS/MSD	matrix spike/matrix spike duplicate
MSSL	media specific screening level
MWR	Morale, Welfare, and Recreation
N/A	not applicable
NMED	New Mexico Environment Department
No.	number
PAH	polynuclear aromatic hydrocarbons
PCB	polychlorinated biphynel
PEST	organochlorine pesticide
POL	Petroleum, Oils, and Lubricants
PPE	personal protective equipment
PID	photoionization detector
QAPP	Quality Assurance Project Plan
QUAL	qualifier
RCRA	Resource Conservation Recovery Act
RFI	RCRA Facility Investigation
RL	Reporting Limit
RPD	Relative Percent Difference
SCFS	Sample Collection Field Sheet
SHSO	Site Health and Safety Officer
SMWU	solid waste management unit
SOP	Standard Operating Procedure
SSL	soil screening level
SVOC	semivolatile organic compound
TAL	Target Analyte List

TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TO	Task Order
TPH	total petroleum hydrocarbon
TRPH	total recoverable petroleum hydrocarbons
U	analytical data review qualifier for a value below detection limits
UB	analytical data review qualifier for a value below detection limits due to the method blank
UJ	analytical data review qualifier for an estimated value below detection limits
URS	URS Group, Inc.
USAF	United States Department of the Air Force
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound
W-C	Woodward-Clyde

1.1 PROJECT WORK AUTHORITY

This Corrective Measures Implementation (CMI) Site Closure Report documents the procedures followed to evaluate risk and identify potentially contaminated media at Site ST-26 (Solid Waste Management Unit [SWMU] 48A) and Area of Concern (AOC) 36 at Cannon Air Force Base (AFB), New Mexico. This CMI Site Closure Report was prepared by URS Group, Inc. (URS) for the Air Force Center for Engineering and the Environment (AFCEE) under Task Order (TO) 0079, Contract FA8903-04-D-8679 (Reference project number [No.] CZQZ20077926L).

Work performed during the CMI was completed in accordance with the Site ST-26 (SWMU 48A) and AOC 36 Corrective Measures Implementation Work Plan (URS 2007a).

1.2 PROJECT PURPOSE

The objectives of the CMI project for Site ST-26 (SWMU 48A) and AOC 36 are to ensure that the sites do not pose unacceptable risks to human health or the environment and, once this has been verified, to obtain Corrective Action Complete (CAC) approval for the sites from New Mexico Environment Department (NMED).

1.3 PROJECT DESCRIPTION AND GENERAL SCOPE

To achieve the project objectives, a re-assessment of historical data obtained from past investigations (**Section 1.7**) was conducted. Results of the data re-assessment were then used to design additional field investigations for Site ST-26 (SWMU 48A) and AOC 36. The historical data re-assessment (**Section 1.8**) and a description of the field investigation (**Section 3**) activities are summarized in this document.

1.4 SITE DESCRIPTION – CANNON AFB

Cannon AFB is situated in the Southern High Plains Physiographic Province in the Llano Estacado subprovince, which is a nearly flat plain that slopes gently to the east and southeast. Soil types include Amarillo fine sandy loams and Clovis fine sandy loams. Caliche is often present at depths greater than 5 feet. The depth to groundwater exceeds 200 feet below ground surface (bgs). Site-specific descriptions of Site ST-26 (SWMU 48A) and AOC 36 appear in the following sub-sections. **Figure 1-1** presents a map of Cannon AFB, and the locations of ST-26 (SWMU 48A) and AOC 36.

1.4.1 Site Description ST-26 (SWMU 48A)

Site ST-26 (SWMU 48A) was located in the Cantonment Area, Cluster E, which was approximately 125 feet east of the intersection of Argentia Avenue and Torch Boulevard, near Facility number (No.) 4028. SWMU 48A was a 20,000-gallon underground storage tank (UST). The tank and associated piping were removed in 1988. The area is presently paved and used as a

parking lot. The depth of the former tank is unknown, but residual contaminants were previously detected at depths up to 25 feet bgs. Topography is generally flat with an approximate elevation of 4,300 feet above mean sea level (msl). A map of Site ST-26 (SWMU 48A) is presented as **Figure 1-2**.

1.4.2 Site Description AOC 36

AOC 36 is an area of potentially contaminated soil identified approximately 72 feet southeast of the current Morale, Welfare and Recreation (MWR) Outdoor Recreation Center building 214. The origin of the potential contamination is unknown. The site of potential contamination is currently covered by an asphalt parking lot. A map of AOC 36 is presented as **Figure 1-3**.

1.5 SITE GEOLOGY AND GROUNDWATER

The following sub-sections discuss the geology and groundwater at Cannon AFB.

1.5.1 Generalized Geology

Underlying geology at Cannon AFB consists of Late Miocene to Late Pliocene Ogallala Formation sediments overlying Early Triassic Dockum Group sedimentary rocks. The upper part of the Dockum Group consists mostly of red shale interbedded with minor sandstone. The top of the Dockum Group is marked by an erosional unconformity with several hundred feet of relief (Lee Wan [Lee Wan and Associates, Inc.] 1990).

The Ogallala Formation is 360 to 415 feet thick near Cannon AFB and consists of poorly sorted (well graded) gravel, sand, silt, and clay. The base of the Ogallala Formation generally consists of gravel, cobbles, and boulders. In many places, the Ogallala sediments are loose and friable; however, caliche is a major feature of the Ogallala Formation. Caliche is a hard, white to pale tan accumulation of calcium carbonate cement in the pore spaces of the Ogallala sediments. There are numerous continuous and discontinuous caliche layers throughout the Ogallala Formation (Lee Wan 1990).

1.5.2 Groundwater

The lower part of the Ogallala Formation is saturated and forms a regional, unconfined aquifer that is used for domestic and irrigation water. The depth to groundwater is more than 200 feet near Cannon AFB, and the saturated thickness varies from 90 to 140 feet. The regional hydraulic gradient slopes to the southeast at about 13 feet per mile (0.0025 feet per foot). Well yields vary from less than 1 gallon per minute (gpm) in thinly bedded silts and fine sands to 1,600 gpm in sand and gravel (Lee Wan 1990).

Groundwater in the Ogallala Aquifer is the primary water source in eastern New Mexico. Water table declines of between 50 and 100 feet were observed in the area near Clovis, New Mexico for the period from about 1930 to 1980 (Lee Wan 1990).

1.6 SITE OPERATIONAL HISTORY

The following sub-sections describe the history of Site ST-26 (SWMU 48A) and AOC 36.

1.6.1 Site ST-26 (SWMU 48A) History

Site ST-26 (SWMU 48A) was an active gas station from 1941 to 1965, but the 20,000-gallon UST was active from 1941 to 1985. From 1965 to 1985 the UST was used for liquid waste storage. The tank reportedly received waste oils, spent solvents, paint thinners, and recovered fuels. The products were removed periodically from the tank. The quantities of each of the waste products stored in the tank are unknown (A.T. Kearney 1987). The tank and associated piping were removed in 1988.

1.6.2 AOC 36 History

AOC 36 was an area of potentially contaminated soil discovered in 1994 near the current MWR Outdoor Recreation Center (formerly known as the Auto Hobby Shop). The potential contamination was discovered by a contractor who was preparing the area for the construction of a parking lot. The current land–use activities at the Outdoor Recreation Center probably would not have been responsible for this potential soil contamination. The potential contamination could be a remnant of the old MWR Auto Hobby Shop or from the area's use as a disposal site for fluids from an aircraft engine maintenance shop in the early 1950s. Waste disposal practices of the Auto Hobby Shop and the aircraft engine maintenance shop are unknown.

1.7 PREVIOUS INVESTIGATIONS

The following sub-sections summarize the previous investigations conducted at ST-26 (SWMU 48A) and AOC 36.

1.7.1 Previous Site ST-26 (SWMU 48A) Investigations

Site ST-26 (SWMU 48A) has been the subject of several site investigations, which are summarized below:

- A Preliminary Review/Visual Site Inspection Report Resource Conservation and Recovery Act (RCRA) Facility Assessment (A.T. Kearney 1987) identified three separate units within the area of Site ST-26 (SWMU 48A): Underground Waste Oil Tank (48-A), Aboveground Overflow Capacity Tank (48-B), Inactive Petroleum, Oil and Lubricant (POL) Storage Tank No. 4028a and Inactive POL Storage Tank No. 4028b.
- During a Phase I RCRA Facility Investigation (RFI) (LRL [LRL Sciences, Inc.] 1993), five soil borings (48A-1 through 48A-3, 48B-1, and 48B-2) shown on **Figure 1-2** (associated with SWMUs 48A and 48B), were drilled and sampled to a depth of 30 feet bgs at the site of the former USTs to determine whether a release of chemicals from the USTs had occurred. Samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs);

cyanide; Target Analyte List (TAL) metals; and benzene, toluene, ethylbenzene, and xylene (BTEX).

Low levels of acetone, xylene, and methylene chloride were detected in surface and near-surface soil samples, but this was attributed to laboratory contamination. Ethylbenzene, toluene, and xylene were detected in boring 48A-2 at 10 feet and 20 feet bgs. Metals were detected above background levels in surface and subsurface soils.

- During a Phase II RFI (Woodward-Clyde [W-C] 1995), five soil borings, shown on **Figure 1-2** (4804, 4805, 4806, 4903, and 4904), were drilled and sampled in the area of SWMU 48A. The borings were drilled to depths between 39.5 and 40 feet bgs, and the samples were analyzed for VOCs, semivolatile organic compounds (SVOCs), TAL metals, and total recoverable petroleum hydrocarbons (TRPH).

  Metals were detected above background concentrations in surface and subsurface soils. SVOCs, VOCs, and total petroleum hydrocarbons (TPH) were also detected, and the highest TPH concentrations occurred in boring 4806 (17,300 milligrams per kilogram [mg/kg] at 10 feet bgs, and 3,890 mg/kg at 15 feet bgs). Detected total polynuclear aromatic hydrocarbons (PAH) concentrations reported in boring 4806 ranged from 3.4 mg/kg to 18.99 mg/kg. PAHs were not detected in any other borings.

- A Corrective Measures Study (CMS) (URS 2000) was completed in 2000. The CMS compared maximum detected concentrations of organic compounds and metals to United States Environmental Protection Agency (USEPA) Region 6 residential media specific screening levels (MSSLs). TPH concentrations were not evaluated; instead, individual petroleum hydrocarbon constituents (e.g., BTEX, PAHs, etc.) were used to evaluate potential impacts from petroleum hydrocarbons at SWMU 48A. None of the individual chemicals detected at the site exceeded the residential MSSLs.

- The RFI for 21 SWMUs (URS 2007b) included SWMUs 49 and 50 (which share the same area as Site ST-26 [SWMU 48A]). SWMUs 49 and 50 were identified as inactive POL Storage Tanks. Samples from two borings (4903 and 4904) completed near the location of the two inactive POL Storage Tanks were evaluated against 2005 NMED soil screening levels (SSLs) (NMED 2005a) and residential direct-exposure TPH screening values (NMED 2005b). Low levels of organics, metals, and TRPH were detected, but were below NMED screening levels.

- NMED issued comments on the 2000 CMS in December 2006 (NMED 2006c). The comments indicated that future work should consider the 2006 NMED total petroleum hydrocarbons (TPH) guidance document, which lists a residential direct-exposure TPH screening value for waste oil of 2,500 mg/kg.

1.7.2 Previous Site AOC 36 Investigations

No formal investigations have been conducted at AOC 36; however, one soil sample was collected at the time the potential contamination was discovered in 1994 (United States Department of the Air Force [USAF] 1994). The soil sample was collected and analyzed for VOCs, BTEX, and a full Toxicity Characteristic Leaching Procedure (TCLP)

hazardous/toxic/disposal waste suite of analyses. No parameters, except barium by TCLP, were detected. The concentration of barium (1.7 milligrams per Liter [mg/L]) was below the regulatory threshold (100 mg/L). Based on the laboratory results, additional soil samples were not collected in 1994.

1.8 EXISTING DATA RE-ASSESSMENT

The first phase of the CMI was a comparison of data from previous investigations at Site ST-26 (SWMU 48A) and AOC 36 to current NMED SSLs and residential direct-exposure TPH screening values for waste oil. The results are summarized below.

1.8.1 Chemicals of Concern

Data collected from ten soil borings (48A-1 through 48A-3, 48B-1, 48B-2, 4804 through 4806, 4903, and 4904) drilled and sampled during previous investigations at Site ST-26 (SWMU 48A) identified TRPH as a chemical of concern (COC). A comparison of historical Site ST-26 (SWMU 48A) data to current NMED screening levels indicated that TPH concentrations exceeded the residential direct-exposure TPH screening value for waste oil (2,500 mg/kg) in samples collected from 10 feet bgs (17,300 mg/kg) and 15 feet bgs (3,890 mg/kg) in one boring (4806). No other chemicals exceeded NMED residential SSLs. TPH was identified as a COC, based on the results of the comparison.

The results from one soil sample collected at AOC 36 did not identify any COCs after data comparison with NMED residential SSLs and residential direct-exposure TPH screening values.

1.8.2 Extent of Elevated Petroleum Hydrocarbons Concentrations

Based on historical data, the TPH residential direct-exposure TPH screening value was exceeded in two samples collected from boring 4806 at Site ST-26 (SWMU 48A) from depths of 10 feet and 15 feet bgs. Boring 4806 was located within the presumed location of the former UST. Low levels of BTEX and TRPH were detected in samples collected from other borings, but did not exceed NMED residential SSLs or residential direct-exposure TPH screening values. BTEX and TRPH were not detected at depths greater than 25 feet bgs in any of the borings.

Historical data did not identify elevated petroleum hydrocarbons at AOC 36.

1.8.3 Re-Assessment Conclusion

The historical Site ST-26 (SWMU 48A) data indicated that further horizontal definition of the extent of elevated petroleum hydrocarbons was needed. The placement of historical soil borings did not completely characterize site soil conditions, and the selected analytical parameters did not address the potential for other chemicals (e.g., pesticides/polychlorinated biphenyls [PCBs]) to be present at the site.

The single sample collected from AOC 36 did not identify any COCs. However, one sample was not considered adequate to determine the presence of potential contamination at this site, and AOC 36 was subsequently placed on Table 1, List of Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) Requiring Corrective Action, of Cannon AFB's Hazardous Waste Facility Permit. Therefore, further characterization of soil within the area of potential contamination was required.

1.9 CMI FIELD INVESTIGATION

Based on the results of the historical data re-assessment, the CMI field investigation included collecting samples from seven borings at Site ST-26 (SWMU 48A) to potentially identify additional COCs, and to evaluate the horizontal and vertical distribution of petroleum hydrocarbon contamination. The investigation also included collecting samples from seven borings at AOC 36 to identify potential COCs. Samples were analyzed for the following parameters; Target Compound List (TCL) VOCs and SVOCs, pesticides/PCBs, TPH-diesel range organics (DRO), TPH-gasoline range organics (GRO), and TPH-Motor Oils, and Target Analyte List (TAL) metals. Each boring was advanced to a maximum depth of 20 feet bgs. **Section 3** presents the results of the CMI field investigation.

1.10 CMI SITE CLOSURE REPORT ORGANIZATION

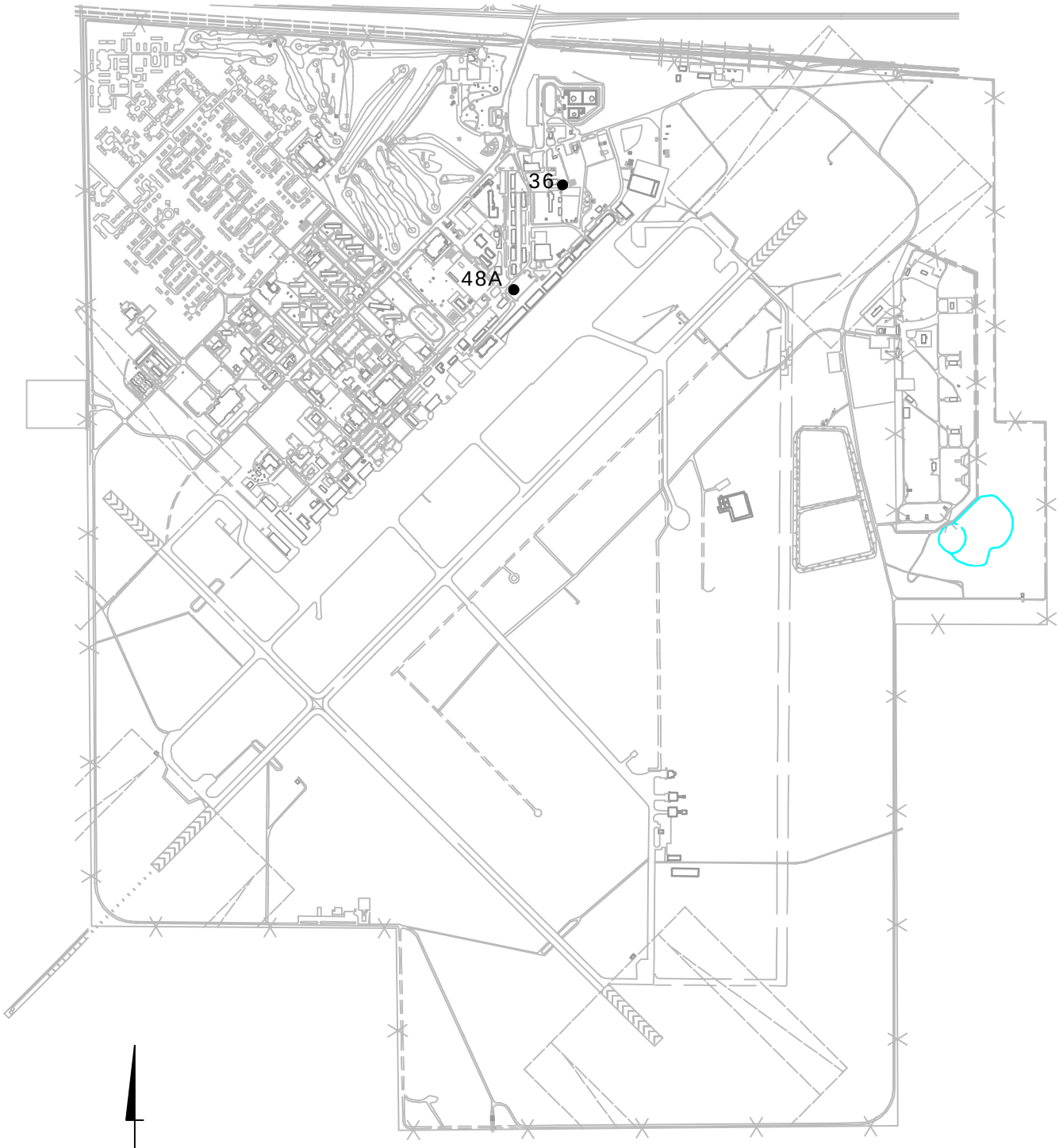
This document describes historical data collection activities and the CMI field investigation activities, and analyzes both the historical data and the CMI field investigation data by screening them against local background concentrations and applicable NMED screening levels.

This CMI Site Closure Report is organized as follows:

- **Section 1 – Introduction and Background** presents the authority, purpose, project description and general scope, site description and history, an industrial risk evaluation, and the objectives of the CMI activities.
- **Section 2 – Site Administration** provides a description of the health and safety protocols followed during the CMI project. Additionally, this section presents a summary of the daily and weekly reporting activities completed during the field investigation.
- **Section 3 – CMI Field Investigation** summarizes the field activities, including how samples were collected and handled, and how waste was stored and handled. Furthermore, this section discusses sample analytical results and conclusions.
- **Section 4 – References** provides references used to develop the CMI Site Closure Report.

LEGEND

SWMU or AOC No.	DESIGNATED AREA
36	AOC 36
48A	ST-26 (SWMU 48A)



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SITE ST-26 (SWMU 48A) AND AOC 36
LOCATION MAP
CANNON AIR FORCE BASE, NEW MEXICO

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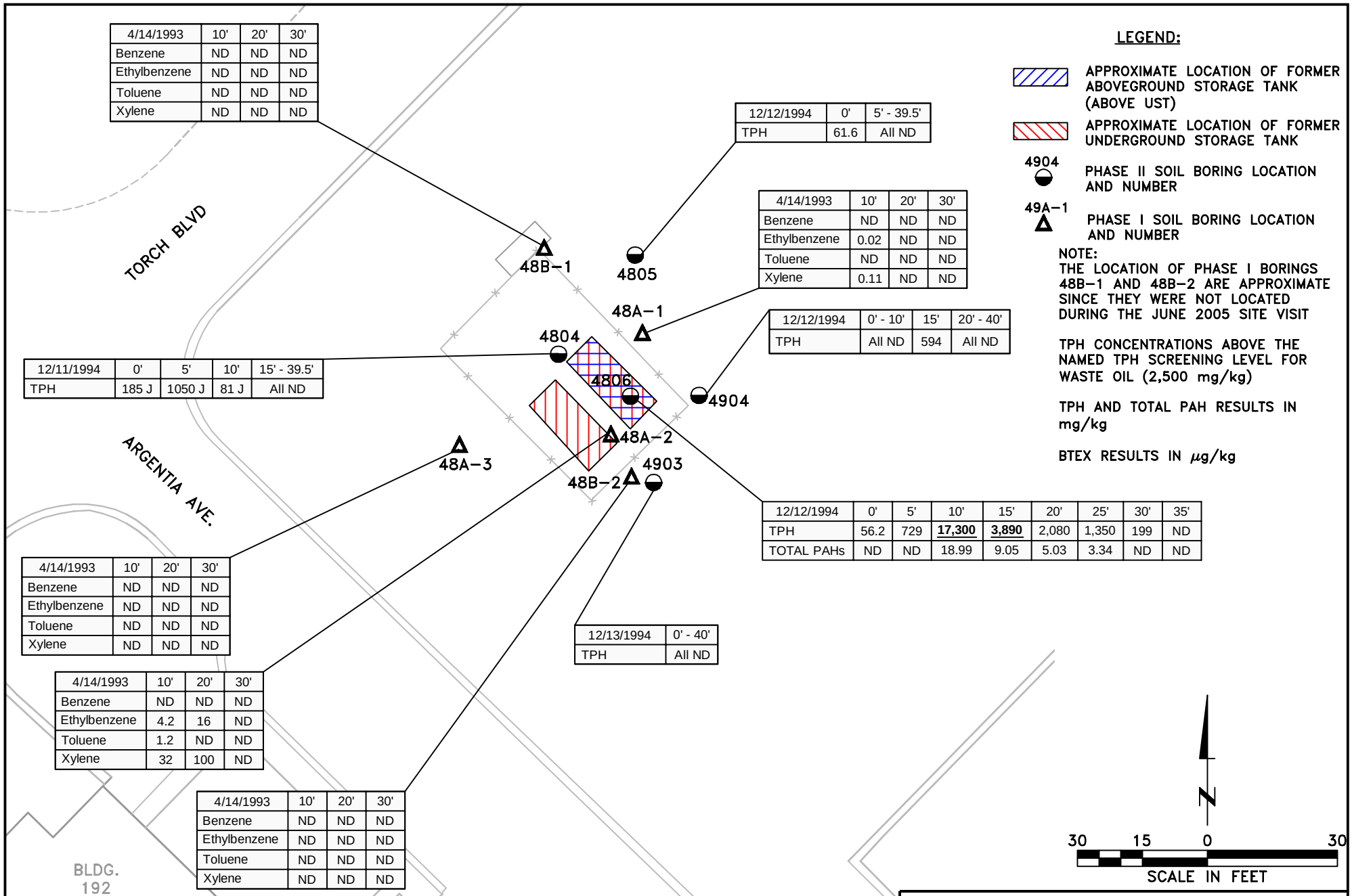

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Toluene	ND	ND	ND
Xylene	ND	ND	ND

12/12/1994	0'	5' - 39.5'
TPH	61.6	All ND

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	0.02	ND	ND
Toluene	ND	ND	ND
Xylene	0.11	ND	ND

12/12/1994	0' - 10'	15'	20' - 40'
TPH	All ND	594	All ND

12/11/1994	0'	5'	10'	15' - 39.5'
TPH	185 J	1050 J	81 J	All ND

12/12/1994	0'	5'	10'	15'	20'	25'	30'	35'
TPH	56.2	729	**17,300**	**3,890**	2,080	1,350	199	ND
TOTAL PAHs	ND	ND	18.99	9.05	5.03	3.34	ND	ND

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Toluene	ND	ND	ND
Xylene	ND	ND	ND

12/13/1994	0' - 40'
TPH	All ND

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	4.2	16	ND
Toluene	1.2	ND	ND
Xylene	32	100	ND

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Toluene	ND	ND	ND
Xylene	ND	ND	ND

SITE MAP AND PREVIOUS SAMPLING RESULTS
SITE ST-26 (SWMU 48A)
CANNON AIR FORCE BASE, NEW MEXICO

DRN. BY: DPG	DATE: 07/02/07	PROJECT NO. 16170215	FIG. NO. 1-2
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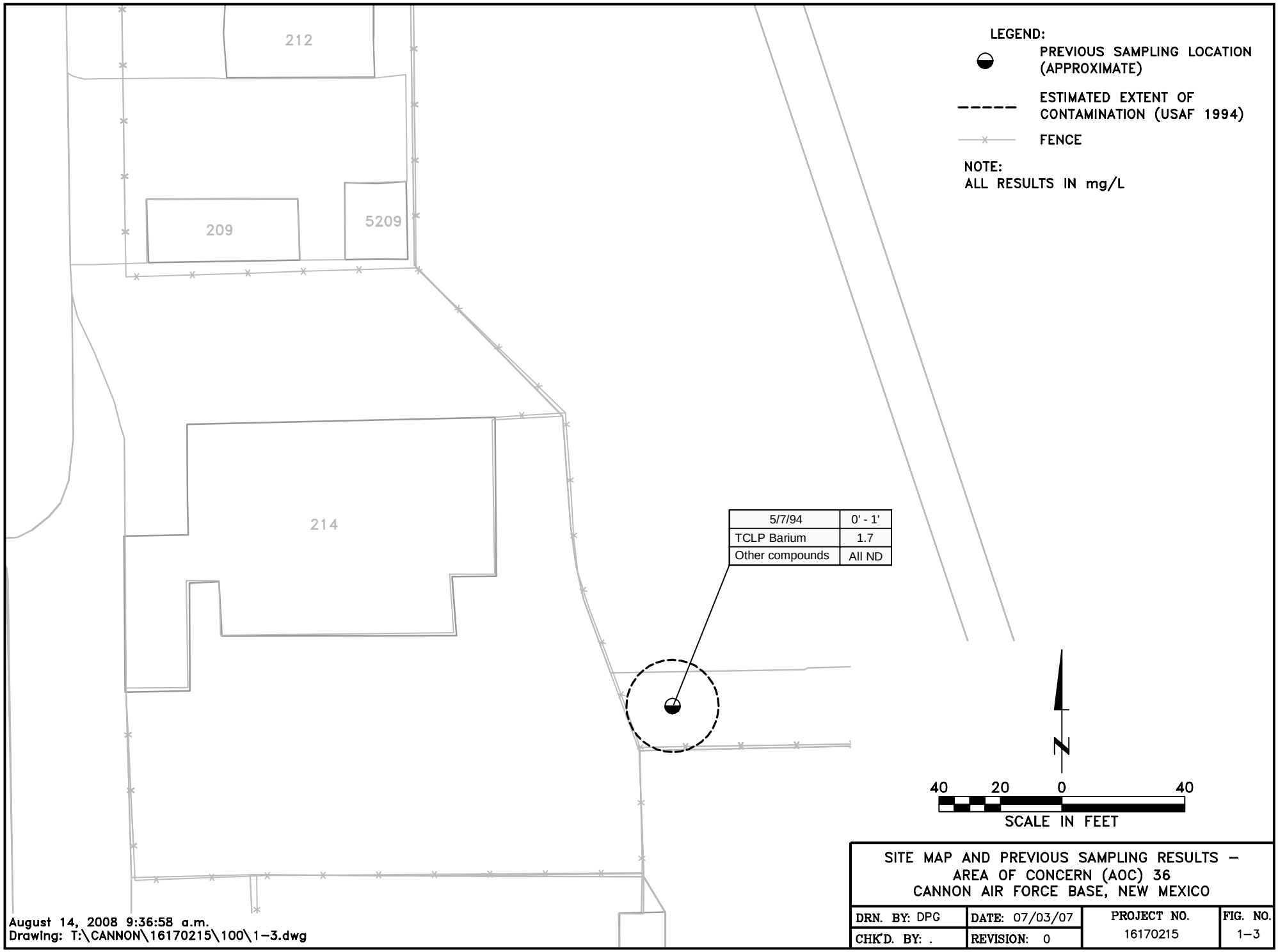

SITE MAP AND PREVIOUS SAMPLING RESULTS –
AREA OF CONCERN (AOC) 36
CANNON AIR FORCE BASE, NEW MEXICO

DRN. BY: DPG	DATE: 07/03/07	PROJECT NO. 16170215	FIG. NO. 1–3
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This section provides an overview of the on-site health and safety program and summarizes the reporting activities associated with the CMI project.

2.1 HEALTH AND SAFETY

On-site health and safety complied with the Site ST-26 (SWMU 48A) and AOC 36 Health and Safety Plan, which was included as part of the Site ST-26 (SWMU 48A) and AOC 36 Corrective Measures Implementation Work Plan (URS 2007a), and applicable Cannon AFB regulations (such as speed limits and prohibiting cell phone use while driving).

2.1.1 Personnel Health and Safety Responsibilities

URS was responsible for overall on-site health and safety oversight. The URS site health and safety officer (SHSO) implemented the Site ST-26 (SWMU 48A) and AOC 36 Health and Safety Plan (HSP) and reported any deviations from the anticipated conditions described in the plan to the Project Manager and the Regional Health and Safety Manager.

All personnel involved in the CMI field investigation were required to abide by the provisions of the Site ST-26 (SWMU 48A) and AOC 36 HSP (URS 2007a). Prior to the start of field activities, personnel were provided with copies of the HSP. All field personnel submitted copies of their health and safety certificates to the URS SHSO.

On the first day of field activities (June 16, 2008), the URS SHSO conducted an initial health and safety briefing with all personnel. Upon completing the initial health and safety briefing, each employee signed the Safety Compliance Agreement Form. The health and safety meeting records are provided in **Appendix C**.

2.1.2 PPE Requirements and Monitoring

To ensure the safety of the workers, work zone air monitoring was conducted using a PID during the boring activities. Air monitoring results were recorded in the field logbook. No air monitoring results were encountered that warranted an upgrade of PPE beyond Level D. This was in part due to low levels of contaminants encountered at the sites.

2.1.3 Daily Safety Briefings and Daily Safety Reports

The URS SHSO conducted daily safety briefings for each work day and recorded those in attendance in the field logbook. At the daily safety briefings, hazards associated with the planned work activities were described.

The URS SHSO also completed Daily Safety Reports for each day of field work. The Daily Safety Reports described the type of work performed each day and summarized the daily safety activities. The Daily Safety Reports also documented any safety violations, corrective actions

given, or any corrective actions taken. Copies of the signed Daily Safety Reports are provided in **Appendix C**.

2.2 DAILY QUALITY CONTROL REPORTS

Daily Quality Control Reports (DQCRs) were completed by URS for each day of fieldwork. DQCRs include a summary of the Health and Safety Activities, daily field activities and QA/QC information pertaining to all features of work. It was the responsibility of the URS Field Manager or the URS Quality Assurance Officer to complete, date, and sign the DQCRs. Copies of the completed and signed DQCRs are provided in **Appendix D**.

2.3 PHOTOGRAPHIC DOCUMENTATION

A photographic record of site activities and progress was maintained throughout the project. Pertinent photographs were compiled, described, and used to build a photographic log. The photographic log is provided in **Appendix E**.

The following sections describe the general investigative approach and protocols that were followed during the CMI Field Investigation at Site ST-26 (SWMU 48A) and AOC 36. All field activities were completed in accordance with the Site ST-26 (SWMU 48A) and AOC 36 Corrective Action Measures Implementation Work Plan (URS 2007a).

3.1 STANDARD OPERATING PROCEDURES

The following is a list of applicable standard operating procedures (SOPs) developed for use at Cannon AFB. These SOPs were used during the CMI investigation and provided the foundation for all fieldwork execution.

- SOP No. 4 Subsurface Drilling and Soil Sampling
- SOP No. 11 Equipment Decontamination
- SOP No. 13 Sample Handling, Documentation, and Tracking
- SOP No. 14 Trenching
- SOP No. 15 Headspace Analysis
- SOP No. 16 Boring Abandonment
- SOP No. 17 Permits and Clearances
- SOP No. 19 Terra Core™ Sampling Method

Copies of the SOPs are included as Appendix C of the Site ST-26 (SWMU 48A) and AOC 36 Corrective Action Measures Implementation Work Plan (URS 2007a).

3.2 MOBILIZATION

Mobilization of equipment and personnel was completed prior to the start of field activities. The mobilization activities included the acquisition of base passes and utility locates.

3.2.1 Base Passes

URS personnel coordinated with the Cannon AFB Restoration Program Manager (Mr. Jerry Pelfrey) to acquire passes for URS and subcontractor personnel for entry onto Cannon AFB.

3.2.2 Utility Locates

Utility clearances were obtained prior to the start of intrusive activities. The utility clearances were completed by 27th Special Operations Wing, Civil Engineering Squadron (27 CES) utility locators, and Great Plains Locating Service. All underground utilities identified were marked with flagging, stakes, and/or paint. All utility location tasks were documented in the field logbook to aid in subsequent work. No intrusive work using heavy equipment (e.g., drill rig,

Geoprobe) was completed within 5 feet of an active buried utility or within 10 feet of overhead power lines. Clearances and permits were obtained in accordance with SOP No. 17.

3.3 SAMPLING ACTIVITIES SUMMARY

Sampling activities were completed in accordance with the SOPs detailed in Appendix C of the Site ST-26 (SWMU 48A) and AOC 36 Corrective Action Measures Implementation Work Plan (URS 2007a).

3.3.1 Soil Borings

The following sub-sections discuss soil borings completed at Site ST-26 (SWMU 48A) and AOC 36. The borings were completed using either a Geoprobe 6610 with a 4-foot split-spoon sampler driven by an automatic hammer, or a mobile B-58 drill rig using 4.25-inch hollow stem augers and a 2-foot split-spoon sampler. Samples were collected in accordance with SOP No. 4.

3.3.1.1 Soil Borings at Site ST-26 (SWMU 48A)

Seven soil borings (C26-SB01 through C26-SB07) were drilled and sampled at Site ST-26 (SWMU 48A). Six of the borings were drilled around the perimeter of the UST's former location. One soil boring (C26-SB04) was drilled through the former excavation, near Phase II soil boring 4806 to confirm sample results at that location. Soil boring locations are shown on **Figure 3-1**.

The boring locations were determined by evaluating sample results from previous investigations, and were selected to further delineate the horizontal and vertical extent of the TPH-impacted soil. Borings were advanced until refusal, which ranged from 9 to 22 feet bgs. Soil characterization and descriptions were recorded on boring logs included in **Appendix A**.

3.3.1.2 Soil Borings at AOC 36

Seven soil borings (C36-SB01 through C36-SB07) were drilled and sampled at AOC 36. The borings were drilled within the estimated horizontal extent of potential contamination. Soil boring locations are shown on **Figure 3-2**.

The boring locations and depths were selected to identify potential contamination which could be present at this site. Borings were advanced to depths of 20 feet bgs. Soil characterization and descriptions were recorded on boring logs included in **Appendix A**.

3.3.2 Soil Sampling and Sample Handling

Two samples were collected per boring. The sample intervals were selected based on changes in moisture and geologic material because no visible signs of contamination were evident in site soils. Headspace readings of every sample were taken using a photoionization detector (PID).

A new pair of nitrile gloves were donned prior to collecting each soil sample. Immediately upon collection, samples were given unique sample identifications and were maintained in a cooler with ice at 4°C. Once sampling was concluded for the day, samples were packed with additional ice and shipped overnight to the laboratory.

All samples were submitted at 4°Celsius (°C) ± 2°C to Agriculture and Priority Pollutants Laboratories, Inc. (APPL) in Fresno, California for analysis. A summary of samples collected during the CMI field investigation is shown on **Table 3-1**. Samples were analyzed for TCL VOCs by Method 8260C/5035; TCL SVOCs by Method 8270D/3540C; TPH-GRO, TPH-DRO, and TPH-Motor Oils by Method 8015B/5035; TAL metals by Method 6010B/7471A/3050B; and pesticides/PCBs by Method 8081A/8082/3540C.

TCL VOC and TPH-GRO samples were collected using the Terra Core™ method described in SOP No.19. Soil collected for TCL SVOC, TPH-DRO, TPH-Motor Oils, TAL metals, and pesticides/PCB analyses were composited in a stainless steel bowl. All samples submitted for chemical analysis were recorded in the field logbook and on sample collection field sheets (SCFS). Sample collection field sheets are included in **Appendix A**. A summary of sample results is described in **Section 3.4**.

3.3.3 Equipment Decontamination

A portable decontamination pad was set up at each site. The Boring equipment (e.g., Augers, down-hole tools) arrived on-site in clean, decontaminated condition. The boring equipment was also decontaminated after the compleation of each boring. Sampling equipment used during the field investigation was decontaminated after collecting each sample. After sampling, each split spoon was cleaned and rinsed. Decontamination procedures for all sampling equipment, such as stainless steel bowls and stainless steel spoons, included an Alconox soap wash, rise with potable water, and final rinse with deionized water. All disposable sampling equipment, personal protective equipment (PPE), Terra Core™ samplers, and soil split-spoon sleeves were properly disposed of in a waste container.

3.3.4 Investigative Derived Waste Handling and Disposal

Soil cuttings were stored in a 55-gallon steel drum with a secured lid. The drum was labeled with the URS contact name and telephone number, the date, and the contents of the drum. Once the site investigations were complete, the drum was moved to a secured holding location designated by Cannon AFB.

3.4 FIELD INVESTIGATION SAMPLING RESULTS

The following subsections discuss the sampling results for ST-26 (SWMU 48A) (**Section 3.4.1**) and AOC 36 (**Section 3.4.2**).

3.4.1 Field Investigation Sampling Results – Site ST-26 (SWMU 48A)

The following subsections discuss the sampling results for Site ST-26 (SWMU 48A).

3.4.1.1 Volatile and Semivolatile Organic Compounds – Site ST-26 (SWMU 48A)

TCL VOC and SVOC results from the seven soil borings (C26-SB01 through C26-SB07) were screened against NMED's residential SSLs (NMED 2006a). Detected concentrations of the TCL VOCs ethylbenzene, m,p-Xylene, and o-Xylene (1,2-Dimethylbenzene) were below NMED residential SSLs. Detected concentrations of the TCL SVOCs di-n-butylphthalate, fluoranthene, and pyrene were also below NMED residential SSLs. No other TCL VOCs or SVOCs were detected. **Table 3-2** presents a summary of detected TCL VOC and SVOC concentrations in samples from this site. **Table 3-3** presents maximum TCL VOC and SVOC concentrations compared to NMED residential SSLs. The TCL VOC and SVOC results are shown on **Figure 3-1**.

3.4.1.2 Pesticides and Polychlorinated Biphenyls – Site ST-26 (SWMU 48A)

Pesticide and PCB results from the seven soil borings (C26-SB01 through C26-SB07) were screened against NMED's residential SSLs (NMED 2006a). The pesticides 4,4-DDD, 4,4-DDE, 4,4-DDT, alpha- and gamma-chlordane, heptachlor, and methoxychlor were detected at concentrations that did not exceed NMED residential SSLs. No other pesticides or PCBs were detected in any samples collected from this site. **Table 3-2** presents a summary of detected pesticide and PCB concentrations in samples from this site. **Table 3-3** presents maximum pesticide and PCB concentrations compared to NMED residential SSLs. The pesticide and PCB results are shown on **Figure 3-1**.

3.4.1.3 Total Petroleum Hydrocarbons – Site ST-26 (SWMU 48A)

TPH results from the seven soil borings (C26-SB01 through C26-SB07) were screened against NMED's residential direct-exposure TPH screening value for waste oil (2,500 mg/kg) (NMED 2006b). All detected TPH concentrations were below the 2,500 mg/kg screening level. TPH-DRO and TPH-Motor Oils were detected in all samples collected from this site. The maximum detected concentrations of TPH-DRO (580 mg/kg) and TPH-Motor Oils (1,500 mg/kg) were identified in sample C26-SB02-08. TPH-GRO was not detected in any samples. **Table 3-2** presents a summary of detected TPH concentrations in samples from this site. **Table 3-3** presents maximum TPH-DRO and GRO concentrations compared to NMED residential direct exposure TPH screening values. The TPH results are shown on **Figure 3-1**.

3.4.1.4 Metals – Site ST-26 (SWMU 48A)

TAL metals results from the seven soil borings (C26-SB01 through C26-SB07) were screened against NMED's residential SSLs (NMED 2006b), and compared to Cannon AFB background levels (W-C 1997). None of the detected TAL metals exceeded residential SSLs. Maximum concentrations of aluminum (13,100 mg/kg), barium (1,440 mg/kg), calcium (271,000 mg/kg),

and lead 8.7 (mg/kg) were detected above Cannon AFB background levels. Aluminum exceeded the background level in sample C26-SB05-02. Barium concentrations exceeded background levels in samples C26-SB03-08, C26-SB06-08, and C26-SB07-06. Calcium concentrations exceeded background levels in samples C26-SB03-16 and C26-SB06-08. Lead concentrations exceeded background levels in samples C26-SB01-05, C26-SBO1-07, and C26-SB02-08. **Table 3-2** presents a summary of detected TAL metals concentrations in samples from this site. **Table 3-3** presents maximum TAL metals concentrations compared to NMED residential SSLs and Cannon AFB background levels. The TAL metals results are shown on **Figure 3-1**.

3.4.1.5 Summary of Investigation Results – Site ST-26 (SWMU 48A)

TCL VOC, TCL SVOC, TPH, pesticides, and PCBs detected in samples collected during CMI field activities did not exceed NMED residential SSLs and residential direct-exposure TPH concentrations. TAL metals aluminum, barium, calcium, and lead exceeded Cannon AFB background levels, but did not exceed NMED residential SSLs.

3.4.2 Field Investigation Sampling Results- AOC 36

The following subsections discuss the field investigation sampling results for AOC 36.

3.4.2.1 Volatile and Semivolatile Organic Compounds – AOC 36

TCL VOC and SVOC results from the seven soil borings (C36-SB01 through C36-SB07) were screened against NMED's residential SSLs (NMED 2006a). Detected concentrations of the TCL VOCs m,p-xylene, methyl acetate, and tetrachloroethene were below NMED residential SSLs. Detected concentrations of the TCL SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyerne were also below NMED residential SSLs. No other TCL VOCs or SVOCs were detected. **Table 3-4** presents a summary of detected TCL VOC and SVOC concentrations in samples from this site. **Table 3-5** presents maximum TCL VOC and SVOC concentrations compared to NMED residential SSLs. The TCL VOC and SVOC results are shown on **Figure 3-2**.

3.4.2.2 Pesticides and Polychlorinated Biphenyls – AOC 36

Pesticide and PCB results from the seven soil borings (C36-SB01 through C36-SB07) were screened against NMED's residential SSLs (NMED 2006a). The pesticides alpha- and gamma-chlordane, and methoxychlor were detected in concentrations which did not exceed NMED residential SSLs. The PCB aroclor 1260 was detected at a concentration that did not exceed the NMED residential SSL. No other pesticides or PCBs were detected. **Table 3-4** presents a summary of detected pesticide and PCB concentrations in samples from this site. **Table 3-5** presents maximum pesticide and PCB concentrations compared to NMED residential SSLs. The pesticide and PCB results are shown on **Figure 3-2**.

3.4.2.3 Total Petroleum Hydrocarbons – AOC 36

TPH results from the seven soil borings (C36-SB01 through C36-SB07) were screened against NMED's residential direct-exposure TPH screening value of 2,500 mg/kg for waste oil (NMED 2006b). All TPH concentrations were below the 2,500 mg/kg screening level. TPH-DRO was detected in all seven borings at this site, and TPH-Motor Oil was detected in five borings. The maximum concentrations of TPH-DRO (100 mg/kg) and TPH-Motor Oil (190 mg/kg) were detected in sample C36-SB07-018. TPH-GRO was not detected in any samples. **Table 3-4** presents a summary of detected TPH-GRO, TPH-DRO, and TPH-Motor Oils concentrations in samples from this site. **Table 3-5** presents maximum TPH-GRO, TPH-DRO, and TPH-Motor Oil concentrations compared to NMED residential direct-exposure TPH screening values. The TPH results are shown on **Figure 3-2**.

3.4.2.4 Metals – AOC 36

TAL metals results from the seven soil borings (C36-SB01 through C36-SB07) were screened against NMED's residential SSLs (NMED 2006b) and compared to Cannon AFB background levels (W-C 1997). None of the TAL metals exceeded residential SSLs. Maximum concentrations of aluminum (12,800 mg/kg), barium (1,070 mg/kg), lead 61.9 (mg/kg), and potassium (3,290 mg/kg) were detected above Cannon AFB background levels. Aluminum and potassium exceeded the background levels in sample C36-SB07-18. Barium exceeded the background level in sample C36-SB05-04. Lead concentrations exceeded the background level in samples C36-SB02-04 and C36-SBO6-04. **Table 3-4** presents a summary of detected TAL metals concentrations in samples from this site. **Table 3-5** presents maximum TAL metals concentrations compared to NMED residential SSLs and Cannon AFB background levels. The TAL metals results are shown on **Figure 3-2**.

3.4.3 Summary of Investigation Results

TCL VOC, TCL SVOC, TPH-DRO, TPH-Motor Oils, pesticides, and PCBs detected in samples collected during CMI field activities did not exceed NMED residential SSLs nor NMED residential direct-exposure TPH screening values. TAL metals aluminum, barium, lead, and potassium exceeded Cannon AFB background levels, but did not exceed NMED residential SSLs. Barium and lead did not exceed Cannon AFB background levels in samples collected from depths greater than 10 feet bgs.

3.5 QUALITY ASSURANCE/QUALITY CONTROL

The following sub-sections discuss the procedures and results of the quality assurance/quality control measures followed during the CMI field investigation, as established in the Site ST-26 (SWMU 48A) and AOC 36 Corrective Action Measures Implementation Work Plan (URS 2007a).

3.5.1 Field Duplicates

One field duplicate sample (C36-SB04-204, a duplicate of C36-SB04-04) was collected during the CMI field investigation and was analyzed for TPH-DRO, TPH-GRO, TPH-Motor Oils, TCL VOCs, TCL SVOCs, pesticides and PCBs, and TAL metals. The field duplicate was collected to assess the precision of the data collection activity, which includes sample collection, sample heterogeneity, and analysis. **Table 3-6** presents the sample results for C36-SB04-04 and C36-SB04-204. The duplicate sample exhibited similar chemical concentrations to the original sample's chemical concentrations.

3.5.2 Matrix Spike/Matrix Spike Duplicates

One matrix spike/matrix spike duplicate (MS/MSD) was collected (C36-SB01-108), and analyzed for TPH-DRO, TPH-GRO, TPH-Motor Oils, TCL VOCs, TCL SVOCs, pesticides, PCBs, and TAL metals. The MS/MSD was collected to assess any potential matrix effects associated with a site. Several metals were qualified due to low MS/MSD recoveries as further discussed in the data reviews in **Appendix B**.

3.5.3 Data Review

Samples were analyzed by APPL of Fresno, California and submitted as part of sample delivery groups. A 100 percent data review was completed for all samples in accordance with AFCEE Technical Services Quality Assurance Program – Quality Assurance Project Plan (QAPP) Version 4.0. Data was qualified due to surrogate recovery, method blank contamination, MS/MSD recovery, laboratory control sample recovery, laboratory duplicate relative percent difference, and professional judgment. Data reviews completed for samples collected as part of the Site ST-26 (SWMU 48A) and AOC 36 CMI field effort, and a summary of qualified data are located in **Appendix B**.

3.6 CMI FIELD INVESTIGATION CONCLUSIONS

Analytical results for soil samples collected from the fourteen soil borings completed during the CMI field investigation were below NMED's TPH Screening Guideline of 2,500 mg/kg for waste oil under residential direct exposure scenarios (NMED 2006b) and current NMED residential SSLs for TCL VOCs and SVOCs, pesticides and PCBs, and TAL metals.

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TABLE 3-1
SUMMARY OF SAMPLES COLLECTED DURING THE CMI FIELD INVESTIGATION
AT SITE ST-26 (SWMU 48A) AND AOC 36 CANNON AFB, NEW MEXICO

Sample Date	Boring Location	Field ID	Depth Interval (feet bgs)	Date Lab Received	Matrix	Investigative	Duplicate	MS/MSD	VOCs (8260B)	SVOCs (8270C)	Pest (8081A)	PCBs (8082)	TPH-GRO (8015B)	TPH-DRO (8015B)	TPH -Motor Oils (8015B)	Metals (6010B)
6/19/2008	SB01	C26-SB01-05	0-5	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB01	C26-SB01-07	5-7	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB02	C26-SB02-08	0-8	6/19/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB02	C26-SB02-20	8-20	6/19/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB03	C26-SB03-08	0-8	6/19/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB03	C26-SB03-16	8-16	6/19/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB04	C26-SB04-08	0-8	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB04	C26-SB04-13	8-13	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB05	C26-SB05-02	0-2	6/19/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB05	C26-SB05-18	2-18	6/19/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB06	C26-SB06-08	0-8	6/19/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB06	C26-SB06-10	8-10	6/19/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB07	C26-SB07-06	0-6	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/18/2008	SB07	C26-SB07-12	6-12	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB01	C36-SB01-008	0-8	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB01	C36-SB01-108	0-8	6/21/2008	Soil			x	x	x	x	x	x	x	x	x
6/19/2008	SB01	C36-SB01-018	8-18	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB02	C36-SB02-004	0-4	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB02	C36-SB02-018	4-18	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB03	C36-SB03-010	0-10	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB03	C36-SB03-018	10-18	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB04	C36-SB04-004	0-4	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB04	C36-SB04-204	0-4	6/21/2008	Soil		x		x	x	x	x	x	x	x	x
6/19/2008	SB04	C36-SB04-014	4-14	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB05	C36-SB05-004	0-4	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB05	C36-SB05-018	4-18	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB06	C36-SB06-004	0-4	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB06	C36-SB06-018	4-18	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB07	C36-SB07-004	0-4	6/21/2008	Soil	x			x	x	x	x	x	x	x	x
6/19/2008	SB07	C36-SB07-18	4-18	6/21/2008	Soil	x			x	x	x	x	x	x	x	x

Notes:

Agriculture and Priority Pollutants Laboratory, Inc (APPL) provided analytical services.

bgs = below ground surface

ID = Identification

MS/MSD = Matrix spike/matrix spike duplicate

VOCs = Volatile Organic Compounds

SVOCs = Semivolatile Organic Compounds

Pest = Organochlorine Pesticides

PCBs = Polychlorinated Biphenyls

TPH = Total Petroleum Hydrocarbons

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

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TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB01-05				C26-SB01-07				C26-SB02-08			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)														
Ethylbenzene	1.1 F	1 / 14	<	0.71	5.8	U	<	0.75	5.9	U	<	0.72	5.6	U
m,p-Xylene (sum of isomers)	5.2 F	1 / 14	<	0.48	5.8	U	<	0.5	5.9	U	<	0.49	5.6	U
o-Xylene (1,2-Dimethylbenzene)	1.8 F	1 / 14	<	0.68	5.8	U	<	0.71	5.9	U	<	0.69	5.6	U
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)														
Di-n-butylphthalate	7200	1 / 14	<	65.9	380	U	<	65.9	390	U	7200	65.9	370	
Fluoranthene	97 F	1 / 14	<	65.4	380	U	<	65.4	390	U	97	65.4	370	F
Pyrene	100 F	1 / 14	<	54.1	380	U	<	54.1	390	U	100	54.1	370	F
PESTICIDES (ORGANOCHLORINE) (µg/kg)														
4,4-DDD	64	2 / 14	30	0.4	5		64	0.4	5		<	0.4	4	U
4,4-DDE	490	3 / 14	280	1.6	5		490	1.6	5		1.9	1.6	4	F
4,4-DDT	36	3 / 14	21	0.4	5		36	0.4	5		2	0.4	4	F
alpha-Chlordane	47	4 / 14	47	0.9	5		28	0.9	5		21	0.9	4	
gamma-Chlordane	49	6 / 14	49	0.9	5		32	0.9	5		24	0.9	4	
Heptachlor	6.1	1 / 14	<	1.1	5	U	<	1.1	5	U	6.1	1.1	4	
Methoxychlor	1.9 F	1 / 14	1.9	1	20	F	<	1	20	U	<	1	20	U
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)														
All Polychlorinated Biphenyls were nondetect														
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	580	12 / 14	28	1	12		140	5	59		580	20	230	
Motor Oils	1500	12 / 14	51	3.5	12		250	17.5	59		1500	700	230	
METALS (mg/kg)														
Aluminum	13100	14 / 14	10500	10	139		10000	20	240		6590	10	135	
Antimony	0.25 F	2 / 14	<	0.1	0.8	UJ	<	0.1	0.8	U	0.25	0.1	0.8	F
Arsenic	3.6 J	14 / 14	3.6	0.09	0.7	J	1.8	0.09	0.7		1.9	0.09	0.7	
Barium	1440	14 / 14	119	0.05	0.6	J	292	1	12		204	0.05	0.6	
Beryllium	0.48	14 / 14	0.39	0.04	0.2	J	0.37	0.04	0.2		0.21	0.04	0.2	
Calcium	271000	14 / 14	72300	8.2	116	J	99100	16	234		66600	8.2	113	
Chromium	11.2	14 / 14	8.8	0.03	0.6	J	8.1	0.03	0.6		5.9	0.03	0.6	
Cobalt	3	14 / 14	2.4	0.05	0.6	J	2.3	0.05	0.6		1.2	0.05	0.6	

TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB01-05				C26-SB01-07				C26-SB02-08			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Copper	6.4	14 / 14	5.8	0.09	0.6		4.4	0.09	0.6		3.2	0.09	0.6	
Iron	10900	14 / 14	10900	7.1	58		8750	14	117		5490	7.1	56	
Lead	21.2	13 / 14	14.5	0.09	5.8	J	21.2	0.09	5.9		19	0.09	5.6	
Magnesium	13300	14 / 14	2080	0.74	9.2		2580	0.74	9.4		2090	0.74	9	
Manganese	141	13 / 14	115	0.13	0.6	J	111	0.13	0.6		75.8	0.13	0.6	
Mercury	0.046 F	9 / 14	<	0.01	0.1	UB	0.02	0.01	0.1	F	0.035	0.01	0.1	F
Nickel	8.8	14 / 14	7.2	0.07	0.6	J	6.8	0.07	0.6		4.5	0.07	0.6	
Potassium	2340	14 / 14	1770	13.88	116	J	1770	13.88	117		1170	13.88	113	
Silver	0.15 F	3 / 14	<	0.04	0.2	UJ	<	0.04	0.2	U	<	0.04	0.2	U
Sodium	298	14 / 14	237	7.36	116		149	7.36	117		62.8	7.36	113	F
Thallium	0.65 F	7 / 14	<	0.21	2.3	UJ	<	0.21	2.3	U	0.35	0.21	2.3	F
Vanadium	19.6	14 / 14	17.5	0.06	0.6	J	16.6	0.06	0.6		12.3	0.06	0.6	
Zinc	17.7 J	10 / 14	17.7	1.15	5.8	J	14.3	1.15	5.9		14.2	1.15	5.6	

Notes:

< = Less than the Reporting Limit

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB02-20				C26-SB03-08				C26-SB03-16			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)														
Ethylbenzene	1.1 F	1 / 14	1.1	0.71	5.5	F	<	0.7	5.5	U	<	0.73	5.7	U
m,p-Xylene (sum of isomers)	5.2 F	1 / 14	5.2	0.48	5.5	F	<	0.47	5.5	U	<	0.49	5.7	U
o-Xylene (1,2-Dimethylbenzene)	1.8 F	1 / 14	1.8	0.68	5.5	F	<	0.67	5.5	U	<	0.7	5.7	U
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)														
Di-n-butylphthalate	7200	1 / 14	<	65.9	370	UB	<	65.9	360	UB	<	65.9	380	UB
Fluoranthene	97 F	1 / 14	<	65.4	370	U	<	65.4	360	U	<	65.4	380	U
Pyrene	100 F	1 / 14	<	54.1	370	U	<	54.1	360	U	<	54.1	380	U
PESTICIDES (ORGANOCHLORINE) (µg/kg)														
4,4-DDD	64	2 / 14	<	0.4	4	U	<	0.4	4	U	<	0.4	5	U
4,4-DDE	490	3 / 14	<	1.6	4	U	<	1.6	4	U	<	1.6	5	U
4,4-DDT	36	3 / 14	<	0.4	4	U	<	0.4	4	U	<	0.4	5	U
alpha-Chlordane	47	4 / 14	3.3	0.9	4	F	<	0.9	4	U	<	0.9	5	U
gamma-Chlordane	49	6 / 14	3.7	0.9	4		<	0.9	4	U	2	0.9	5	F
Heptachlor	6.1	1 / 14	<	1.1	4	U	<	1.1	4	U	<	1.1	5	U
Methoxychlor	1.9 F	1 / 14	<	1	20	U	<	1	20	U	<	1	20	U
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)														
All Polychlorinated Biphenyls were nondetect														
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	580	12 / 14	28	1	11		4.9	1	11	F	12	1	11	
Motor Oils	1500	12 / 14	55	3.5	11		11	3.5	11		20	3.5	11	
METALS (mg/kg)														
Aluminum	13100	14 / 14	8800	20	266		8170	5.1	66		4730	5.1	69	
Antimony	0.25 F	2 / 14	0.13	0.1	0.8	F	<	0.1	0.8	U	<	0.1	0.8	U
Arsenic	3.6 J	14 / 14	1.7	0.09	0.7		3.3	0.09	0.7		1.7	0.09	0.7	
Barium	1440	14 / 14	710	1	11		1440	2	22		815	2	23	
Beryllium	0.48	14 / 14	0.22	0.04	0.2		0.26	0.04	0.2		0.11	0.04	0.2	F
Calcium	271000	14 / 14	141000	16	221		219000	33	438		271000	33	457	
Chromium	11.2	14 / 14	9	0.03	0.6		4.9	0.03	0.6		3.8	0.03	0.6	
Cobalt	3	14 / 14	0.25	0.05	0.6	F	0.56	0.05	0.6	F	0.1	0.05	0.6	F

TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB02-20				C26-SB03-08				C26-SB03-16			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Copper	6.4	14 / 14	1.7	0.09	0.6		1.2	0.09	0.6		1.7	0.09	0.6	
Iron	10900	14 / 14	6250	14	111		3950	0.71	5.5		2250	0.71	5.7	
Lead	21.2	13 / 14	2.3	0.09	5.5	F	1.8	0.09	5.5	F	<	0.09	5.7	UB
Magnesium	13300	14 / 14	7660	0.74	8.9		5900	0.74	8.8		9870	0.74	9.1	
Manganese	141	13 / 14	28.2	0.13	0.6		26.6	0.13	0.6		<	0.13	0.6	U
Mercury	0.046 F	9 / 14	0.024	0.01	0.1	F	0.018	0.01	0.1	F	0.034	0.01	0.1	F
Nickel	8.8	14 / 14	4.8	0.07	0.6		5.7	0.07	0.6		4.2	0.07	0.6	
Potassium	2340	14 / 14	1530	13.88	111		1670	13.88	109		919	13.88	114	
Silver	0.15 F	3 / 14	<	0.04	0.2	U	<	0.04	0.2	U	0.09	0.04	0.2	F
Sodium	298	14 / 14	144	7.36	111		242	7.36	109		207	7.36	114	
Thallium	0.65 F	7 / 14	0.52	0.21	2.2	F	0.65	0.21	2.2	F	0.55	0.21	2.3	F
Vanadium	19.6	14 / 14	18.1	0.06	0.6		17.1	0.06	0.6		13.9	0.06	0.6	
Zinc	17.7 J	10 / 14	3.5	1.15	5.5	F	1.5	1.15	5.5	F	<	1.15	5.7	U

Notes:

< = Less than the Reporting Limit

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB04-08				C26-SB04-13				C26-SB05-02			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)														
Ethylbenzene	1.1 F	1 / 14	<	0.72	5.6	U	<	0.69	5.4	U	<	0.71	5.5	U
m,p-Xylene (sum of isomers)	5.2 F	1 / 14	<	0.49	5.6	U	<	0.46	5.4	U	<	0.48	5.5	U
o-Xylene (1,2-Dimethylbenzene)	1.8 F	1 / 14	<	0.69	5.6	U	<	0.66	5.4	U	<	0.68	5.5	U
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)														
Di-n-butylphthalate	7200	1 / 14	<	65.9	370	U	<	65.9	360	U	<	65.9	370	UB
Fluoranthene	97 F	1 / 14	<	65.4	370	U	<	65.4	360	U	<	65.4	370	U
Pyrene	100 F	1 / 14	<	54.1	370	U	<	54.1	360	U	<	54.1	370	U
PESTICIDES (ORGANOCHLORINE) (µg/kg)														
4,4-DDD	64	2 / 14	<	0.4	4	U	<	0.4	4	U	<	0.4	4	U
4,4-DDE	490	3 / 14	<	1.6	4	U	<	1.6	4	U	<	1.6	4	U
4,4-DDT	36	3 / 14	<	0.4	4	U	<	0.4	4	U	<	0.4	4	U
alpha-Chlordane	47	4 / 14	<	0.9	4	U	<	0.9	4	U	<	0.9	4	U
gamma-Chlordane	49	6 / 14	<	0.9	4	U	1.6	0.9	4	F	<	0.9	4	U
Heptachlor	6.1	1 / 14	<	1.1	4	U	<	1.1	4	U	<	1.1	4	U
Methoxychlor	1.9 F	1 / 14	<	1	20	U	<	1	20	U	<	1	20	U
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)														
All Polychlorinated Biphenyls were nondetect														
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	580	12 / 14	22	1	11		72	2	22		3.9	1	11	F
Motor Oils	1500	12 / 14	50	3.5	11		180	7	22		7	3.5	11	F
METALS (mg/kg)														
Aluminum	13100	14 / 14	5460	26	339		3550	1.02	13		13100	10	133	
Antimony	0.25 F	2 / 14	<	0.1	0.8	U	<	0.1	0.8	U	<	0.1	0.8	U
Arsenic	3.6 J	14 / 14	1.7	0.09	0.7		2.6	0.09	0.7		3.3	0.09	0.7	
Barium	1440	14 / 14	335	1.3	14		173	0.05	0.5		132	0.05	0.6	
Beryllium	0.48	14 / 14	0.26	0.04	0.2		0.11	0.04	0.2	F	0.48	0.04	0.2	
Calcium	271000	14 / 14	158000	21	282		231000	21	269		86700	8.2	111	
Chromium	11.2	14 / 14	5	0.03	0.6		3	0.03	0.5		11.2	0.03	0.6	
Cobalt	3	14 / 14	1.5	0.05	0.6		0.94	0.05	0.5		3	0.05	0.6	

TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB04-08				C26-SB04-13				C26-SB05-02			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Copper	6.4	14 / 14	1.7	0.09	0.6		1.2	0.09	0.5		6.4	0.09	0.6	
Iron	10900	14 / 14	5420	18	141		2090	0.71	5.4		10400	7.1	55	
Lead	21.2	13 / 14	3.4	0.09	5.6	F	1.6	0.09	5.4	F	5.2	0.09	5.5	F
Magnesium	13300	14 / 14	3000	0.74	9		4310	0.74	8.6		2720	0.74	8.9	
Manganese	141	13 / 14	39.8	0.13	0.6		10	0.13	0.5		141	0.13	0.6	
Mercury	0.046 F	9 / 14	<	0.01	0.1	UB	<	0.01	0.1	UB	0.042	0.01	0.1	F
Nickel	8.8	14 / 14	5.2	0.07	0.6		2.6	0.07	0.5		8.8	0.07	0.6	
Potassium	2340	14 / 14	1080	13.88	113		754	13.88	108		2340	13.88	111	
Silver	0.15 F	3 / 14	<	0.04	0.2	U	0.15	0.04	0.2	F	0.054	0.04	0.2	F
Sodium	298	14 / 14	106	7.36	113	F	180	7.36	108		74.4	7.36	111	F
Thallium	0.65 F	7 / 14	<	0.21	2.3	U	<	0.21	2.2	U	<	0.21	2.2	U
Vanadium	19.6	14 / 14	12.8	0.06	0.6		8.1	0.06	0.5		19.6	0.06	0.6	
Zinc	17.7 J	10 / 14	2.5	1.15	5.6	F	<	1.15	5.4	U	17.2	1.15	5.5	

Notes:

< = Less than the Reporting Limit

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB05-18				C26-SB06-08				C26-SB06-10			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)														
Ethylbenzene	1.1 F	1 / 14	<	0.73	5.7	U	<	0.73	5.7	U	<	0.71	5.5	U
m,p-Xylene (sum of isomers)	5.2 F	1 / 14	<	0.49	5.7	U	<	0.49	5.7	U	<	0.48	5.5	U
o-Xylene (1,2-Dimethylbenzene)	1.8 F	1 / 14	<	0.69	5.7	U	<	0.69	5.7	U	<	0.68	5.5	U
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)														
Di-n-butylphthalate	7200	1 / 14	<	65.9	380	UB	<	65.9	380	UB	<	65.9	370	UB
Fluoranthene	97 F	1 / 14	<	65.4	380	U	<	65.4	380	U	<	65.4	370	U
Pyrene	100 F	1 / 14	<	54.1	380	U	<	54.1	380	U	<	54.1	370	U
PESTICIDES (ORGANOCHLORINE) (µg/kg)														
4,4-DDD	64	2 / 14	<	0.4	4	U	<	0.4	5	U	<	0.4	4	U
4,4-DDE	490	3 / 14	<	1.6	4	U	<	1.6	5	U	<	1.6	4	U
4,4-DDT	36	3 / 14	<	0.4	4	U	<	0.4	5	U	<	0.4	4	U
alpha-Chlordane	47	4 / 14	<	0.9	4	U	<	0.9	5	U	<	0.9	4	U
gamma-Chlordane	49	6 / 14	<	0.9	4	U	<	0.9	5	U	<	0.9	4	U
Heptachlor	6.1	1 / 14	<	1.1	4	U	<	1.1	5	U	<	1.1	4	U
Methoxychlor	1.9 F	1 / 14	<	1	20	U	<	1	20	U	<	1	20	U
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)														
All Polychlorinated Biphenyls were nondetect														
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	580	12 / 14	<	1	11	U	4	1	11	F	8.1	1	11	F
Motor Oils	1500	12 / 14	<	3.5	11	U	7.8	3.5	11	F	14	3.5	11	
METALS (mg/kg)														
Aluminum	13100	14 / 14	9300	20	273		6410	5.1	68		6690	26	333	
Antimony	0.25 F	2 / 14	<	0.1	0.8	U	<	0.1	0.8	U	<	0.1	0.8	UJ
Arsenic	3.6 J	14 / 14	1.5	0.09	0.7		3	0.09	0.7		2.9	0.09	0.7	J
Barium	1440	14 / 14	128	0.05	0.6		1140	2	23		535	1.3	14	J
Beryllium	0.48	14 / 14	0.24	0.04	0.2		0.22	0.04	0.2		0.19	0.04	0.2	F
Calcium	271000	14 / 14	168000	16	227		256000	33	456		229000	21	277	
Chromium	11.2	14 / 14	6.8	0.03	0.6		4	0.03	0.6		5	0.03	0.6	J
Cobalt	3	14 / 14	0.72	0.05	0.6		0.46	0.05	0.6	F	0.73	0.05	0.6	J

TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB05-18				C26-SB06-08				C26-SB06-10			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Copper	6.4	14 / 14	2.5	0.09	0.6		1.5	0.09	0.6		2	0.09	0.6	J
Iron	10900	14 / 14	4350	0.71	5.7		3200	0.71	5.7		3560	0.71	5.5	
Lead	21.2	13 / 14	1.7	0.09	5.7	F	1.1	0.09	5.7	F	1.1	0.09	5.5	J
Magnesium	13300	14 / 14	13300	15	182		4490	0.74	9.1		5120	0.74	8.9	
Manganese	141	13 / 14	17.5	0.13	0.6		10.6	0.13	0.6		16.7	0.13	0.6	J
Mercury	0.046 F	9 / 14	0.031	0.01	0.1	F	0.046	0.01	0.1	F	0.035	0.01	0.1	F
Nickel	8.8	14 / 14	4.7	0.07	0.6		4.2	0.07	0.6		4.5	0.07	0.6	J
Potassium	2340	14 / 14	1800	13.88	114		1120	13.88	114		1330	13.88	111	
Silver	0.15 F	3 / 14	<	0.04	0.2	U	<	0.04	0.2	U	<	0.04	0.2	U
Sodium	298	14 / 14	298	7.36	114		189	7.36	114		253	7.36	111	
Thallium	0.65 F	7 / 14	0.44	0.21	2.3	F	0.56	0.21	2.3	F	0.51	0.21	2.2	J
Vanadium	19.6	14 / 14	19.5	0.06	0.6		10.6	0.06	0.6		12.3	0.06	0.6	J
Zinc	17.7 J	10 / 14	1.7	1.15	5.7	F	<	1.15	5.7	U	<	1.15	5.5	UJ

Notes:

< = Less than the Reporting Limit

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB07-06				C26-SB07-12			
DATE COLLECTED			June 18, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)										
Ethylbenzene	1.1 F	1 / 14	<	0.71	5.5	U	<	0.72	5.6	U
m,p-Xylene (sum of isomers)	5.2 F	1 / 14	<	0.47	5.5	U	<	0.48	5.6	U
o-Xylene (1,2-Dimethylbenzene)	1.8 F	1 / 14	<	0.67	5.5	U	<	0.68	5.6	U
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)										
Di-n-butylphthalate	7200	1 / 14	<	65.9	360	U	<	65.9	370	U
Fluoranthene	97 F	1 / 14	<	65.4	360	U	<	65.4	370	U
Pyrene	100 F	1 / 14	<	54.1	360	U	<	54.1	370	U
PESTICIDES (ORGANOCHLORINE) (µg/kg)										
4,4-DDD	64	2 / 14	<	0.4	4	U	<	0.4	4	U
4,4-DDE	490	3 / 14	<	1.6	4	U	<	1.6	4	U
4,4-DDT	36	3 / 14	<	0.4	4	U	<	0.4	4	U
alpha-Chlordane	47	4 / 14	<	0.9	4	U	<	0.9	4	U
gamma-Chlordane	49	6 / 14	<	0.9	4	U	<	0.9	4	U
Heptachlor	6.1	1 / 14	<	1.1	4	U	<	1.1	4	U
Methoxychlor	1.9 F	1 / 14	<	1	20	U	<	1	20	U
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)										
All Polychlorinated Biphenyls were nondetect										
TOTAL PETROLEUM HYDROCARBONS (mg/kg)										
Diesel Range Organics	580	12 / 14	6.6	1	11	F	<	1	11	U
Motor Oils	1500	12 / 14	13	3.5	11		<	3.5	11	U
METALS (mg/kg)										
Aluminum	13100	14 / 14	7760	20	265		8130	20	268	
Antimony	0.25 F	2 / 14	<	0.1	0.8	U	<	0.1	0.8	U
Arsenic	3.6 J	14 / 14	2.6	0.09	0.7		1.1	0.09	0.7	
Barium	1440	14 / 14	1410	1	11		116	0.05	0.6	
Beryllium	0.48	14 / 14	0.32	0.04	0.2		0.25	0.04	0.2	
Calcium	271000	14 / 14	162000	16	221		145000	16	224	
Chromium	11.2	14 / 14	5.3	0.03	0.6		4.9	0.03	0.6	
Cobalt	3	14 / 14	0.76	0.05	0.6		1.7	0.05	0.6	

TABLE 3-2
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT SITE ST-26 (SWMU 48A) CANNON AFB, NEW MEXICO

FIELD ID			C26-SB07-06				C26-SB07-12			
DATE COLLECTED			June 18, 2008				June 18, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Copper	6.4	14 / 14	1.1	0.09	0.6		1.1	0.09	0.6	
Iron	10900	14 / 14	6690	14	110		6780	14	112	
Lead	21.2	13 / 14	3.3	0.09	5.5	F	2.5	0.09	5.6	F
Magnesium	13300	14 / 14	3090	0.74	8.8		4460	0.74	8.9	
Manganese	141	13 / 14	45.6	0.13	0.6		41.9	0.13	0.6	
Mercury	0.046 F	9 / 14	<	0.01	0.1	UB	<	0.01	0.1	UB
Nickel	8.8	14 / 14	5.3	0.07	0.6		4.4	0.07	0.6	
Potassium	2340	14 / 14	1170	13.88	110		1220	13.88	112	
Silver	0.15 F	3 / 14	<	0.04	0.2	U	<	0.04	0.2	U
Sodium	298	14 / 14	123	7.36	110		204	7.36	112	
Thallium	0.65 F	7 / 14	<	0.21	2.2	U	<	0.21	2.2	U
Vanadium	19.6	14 / 14	16.9	0.06	0.6		14.9	0.06	0.6	
Zinc	17.7 J	10 / 14	4.6	1.15	5.5	F	4.9	1.15	5.6	F

Notes:

< = Less than the Reporting Limit

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

TABLE 3-3
COMPARISON OF SITE ST-26 (SWMU 48A) MAXIMUM CHEMICAL CONCENTRATIONS TO SOIL SCREENING LEVELS AND BACKGROUND CONCENTRATIONS CANNON AFB, NEW MEXICO

Chemical	Maximum Detected Concentration (mg/kg)	Qual	Residential Soil Screening Levels (mg/kg) [1]	Background Concentration (mg/kg)	Exceeds SSL ?	Exceeds Background ?
VOLATILE ORGANIC COMPOUNDS (mg/kg)						
Ethylbenzene	1.10E-03	F	1.28E+02		NO	
m,p-Xylene (sum of isomers)	5.20E-03	F	8.20E+01		NO	
o-Xylene (1,2-Dimethylbenzene)	1.80E-03	F	9.95E+01		NO	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)						
Di-n-butylphthalate	7.20E+00		6.11E+03		NO	
Fluoranthene	9.70E-02	F	2.29E+03		NO	
Pyrene	1.00E-01	F	2.29E+03		NO	
PESTICIDES (ORGANOCHLORINE) (mg/kg)						
4,4-DDD	6.40E-02		2.44E+01		NO	
4,4-DDE	4.90E-01		1.72E+01		NO	
4,4-DDT	3.60E-02		1.72E+01		NO	
alpha-Chlordane	4.70E-02		N/A		N/A	
gamma-Chlordane	4.90E-02		N/A		N/A	
Heptachlor	6.10E-03		1.08E+00		NO	
Methoxychlor	1.90E-03	F	N/A		N/A	
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)						
All Polychlorinated Biphenyls were nondetect						
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
Diesel Range Organics	5.80E+02		2.50E+03		NO	
Motor Oils	1.50E+03		2.50E+03		NO	
METALS (mg/kg)						
Aluminum	1.31E+04		7.78E+04	1.22E+04	NO	YES
Antimony	2.50E-01	F	3.13E+01	N/A	NO	N/A
Arsenic	3.60E+00	J	3.90E+00	4.30E+00	NO	NO
Barium	1.44E+03		1.56E+04	8.90E+02	NO	YES
Beryllium	4.80E-01		1.56E+02	7.30E-01	NO	NO
Calcium	2.71E+05		N/A	2.37E+05	N/A	YES
Chromium	1.12E+01		1.00E+05	1.33E+01	NO	NO
Cobalt	3.00E+00		1.52E+03	4.70E+00	NO	NO
Copper	6.40E+00		3.13E+03	8.30E+00	NO	NO
Iron	1.09E+04		2.35E+04	1.31E+04	NO	NO
Lead	2.12E+01		4.00E+02	8.70E+00	NO	YES
Magnesium	1.33E+04		N/A	1.93E+04	N/A	NO
Manganese	1.41E+02		3.59E+03	3.33E+02	NO	NO
Mercury	4.60E-02	F	1.00E+05	N/A	NO	N/A
Nickel	8.80E+00		1.56E+03	1.50E+01	NO	NO
Potassium	2.34E+03		N/A	2.51E+03	N/A	NO
Silver	1.50E-01	F	3.91E+02	N/A	NO	N/A
Sodium	2.98E+02		N/A	N/A	N/A	N/A
Thallium	6.50E-01	F	5.16E+00	2.70E+00	NO	NO
Vanadium	1.96E+01		7.82E+01	3.28E+01	NO	NO
Zinc	1.77E+01	J	2.35E+04	3.06E+01	NO	NO

Notes:

[1] NMED Soil Screening Levels Revision 4.0 (June 2006)

mg/kg = milligram per kilogram

N/A = Not Applicable

J = Estimated

Qual = Qualifier

F = Result between MDL and RL

SSL = Soil Screening Level

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TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB01-008				C36-SB01-018				C36-SB02-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)														
m,p-Xylene (sum of isomers)	0.6 F	1 / 14	<	0.48	5.5	U	<	0.5	5.5	U	0.6	0.46	5.3	F
Methyl Acetate	3.6 F	1 / 14	<	1.1	11	U	<	1.2	11	U	<	1.1	11	U
Tetrachloroethene	2.9 F	1 / 14	<	0.6	5.5	U	<	0.62	5.5	U	<	0.58	5.3	U
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)														
Benzo(a)anthracene	78 F	1 / 14	<	58	370	U	<	58	370	U	78	58	350	F
Benzo(a)pyrene	110 F	1 / 14	<	50.7	370	U	<	50.7	370	U	110	50.7	350	F
Benzo(b)fluoranthene	170 F	4 / 14	<	60	370	U	<	60	370	U	170	60	350	F
Benzo(g,h,i)perylene	110 F	1 / 14	<	55.2	370	U	<	55.2	370	U	110	55.2	350	F
Benzo(k)fluoranthene	80 F	2 / 14	<	61	370	U	<	61	370	U	70	61	350	F
Chrysene	150 F	3 / 14	<	60.6	370	U	<	60.6	370	U	150	60.6	350	F
Fluoranthene	250 F	6 / 14	<	65.4	370	U	<	65.4	370	U	250	65.4	350	F
Indeno(1,2,3-cd)pyrene	83 F	1 / 14	<	60.4	370	U	<	60.4	370	U	83	60.4	350	F
Phenanthrene	130 F	1 / 14	<	58.2	370	U	<	58.2	370	U	130	58.2	350	F
Pyrene	260 F	6 / 14	<	54.1	370	U	<	54.1	370	U	260	54.1	350	F
PESTICIDES (ORGANOCHLORINE) (µg/kg)														
alpha-Chlordane	4.7	1 / 14	<	0.9	4	U	<	0.9	4	U	4.7	0.9	4	
gamma-Chlordane	1100	3 / 14	<	0.9	4	U	<	0.9	4	U	12	0.9	4	
Methoxychlor	6 F	2 / 14	<	1	20	U	<	1	20	U	<	1	20	U
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)														
Aroclor 1260	53 F	1 / 14	<	4	60	U	<	4	60	U	<	4	50	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	100	9 / 14	3.8	1	11	F	<	1	11	U	47	2	21	
Motor Oils	190	9 / 14	7.2	3.5	11	F	<	3.5	11	U	100	7	21	
METALS (mg/kg)														
Aluminum	12800	14 / 14	8760	20	266		8460	20	266		10700	20	256	
Antimony	0.37 F	1 / 14	<	0.1	0.8	U	0.37	0.1	0.8	F	<	0.1	0.8	U
Arsenic	2.7	13 / 14	0.13	0.09	0.7	F	0.93	0.09	0.7		1.1	0.09	0.6	
Barium	1070	14 / 14	191	0.05	0.6	J	101	0.05	0.6		504	1	11	
Beryllium	0.65	14 / 14	0.32	0.04	0.2		0.43	0.04	0.2		0.35	0.04	0.2	

TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB01-008				C36-SB01-018				C36-SB02-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Calcium	191000	14 / 14	125000	16	222		73100	16	222		110000	16	213	
Chromium	9.9	14 / 14	6.8	0.03	0.6		6.9	0.03	0.6		8.2	0.03	0.5	
Cobalt	2.7	14 / 14	1.9	0.05	0.6	J	2.2	0.05	0.6		1.8	0.05	0.5	
Copper	4.7	14 / 14	1.9	0.09	0.6		1.6	0.09	0.6		4.7	0.09	0.5	
Iron	10200	14 / 14	7770	14	111		7560	14	111		9310	14	107	
Lead	61.9	14 / 14	3.7	0.09	5.5	J	4.4	0.09	5.5	F	61.9	0.09	5.3	
Magnesium	5750	14 / 14	3240	0.74	8.9	J	3780	0.74	8.9		2810	0.74	8.5	
Manganese	124	14 / 14	70.5	0.13	0.6		71.4	0.13	0.6		82	0.13	0.5	
Mercury	0.018 J	7 / 14	0.018	0.01	0.1	J	<	0.01	0.1	U	0.018	0.01	0.1	F
Nickel	8	14 / 14	6.1	0.07	0.6	J	5.5	0.07	0.6		6.6	0.07	0.5	
Potassium	3290	14 / 14	1830	13.88	111	J	2170	13.88	111		1750	13.88	107	
Sodium	244	12 / 14	80	7.36	111	F	205	7.36	111		50.3	7.36	107	F
Vanadium	20	14 / 14	17.9	0.06	0.6		15	0.06	0.6		18.4	0.06	0.5	
Zinc	29	14 / 14	9.7	1.15	5.5	J	11.3	1.15	5.5		29	1.15	5.3	

Notes:
< = Less than the Reporting Limit
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB02-018				C36-SB03-010				C36-SB03-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)														
m,p-Xylene (sum of isomers)	0.6 F	1 / 14	<	0.47	5.5	U	<	0.47	5.4	U	<	0.46	5.4	U
Methyl Acetate	3.6 F	1 / 14	3.6	1.1	11	F	<	1.1	11	U	<	1.1	11	U
Tetrachloroethene	2.9 F	1 / 14	<	0.59	5.5	U	<	0.59	5.4	U	<	0.58	5.4	U
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)														
Benzo(a)anthracene	78 F	1 / 14	<	58	360	U	<	58	360	U	<	58	360	U
Benzo(a)pyrene	110 F	1 / 14	<	50.7	360	U	<	50.7	360	U	<	50.7	360	U
Benzo(b)fluoranthene	170 F	4 / 14	<	60	360	U	<	60	360	U	<	60	360	U
Benzo(g,h,i)perylene	110 F	1 / 14	<	55.2	360	U	<	55.2	360	U	<	55.2	360	U
Benzo(k)fluoranthene	80 F	2 / 14	<	61	360	U	<	61	360	U	<	61	360	U
Chrysene	150 F	3 / 14	<	60.6	360	U	<	60.6	360	U	<	60.6	360	U
Fluoranthene	250 F	6 / 14	<	65.4	360	U	<	65.4	360	U	<	65.4	360	U
Indeno(1,2,3-cd)pyrene	83 F	1 / 14	<	60.4	360	U	<	60.4	360	U	<	60.4	360	U
Phenanthrene	130 F	1 / 14	<	58.2	360	U	<	58.2	360	U	<	58.2	360	U
Pyrene	260 F	6 / 14	<	54.1	360	U	<	54.1	360	U	<	54.1	360	U
PESTICIDES (ORGANOCHLORINE) (µg/kg)														
alpha-Chlordane	4.7	1 / 14	<	0.9	4	U	<	0.9	4	U	<	0.9	4	U
gamma-Chlordane	1100	3 / 14	<	0.9	4	U	<	0.9	4	U	<	0.9	4	U
Methoxychlor	6 F	2 / 14	<	1	20	U	<	1	20	U	<	1	20	U
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)														
Aroclor 1260	53 F	1 / 14	<	4	60	U	<	4	50	U	<	4	50	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	100	9 / 14	3.8	1	11	F	<	1	11	U	<	1	11	U
Motor Oils	190	9 / 14	6.3	3.5	11	F	<	3.5	11	U	<	3.5	11	U
METALS (mg/kg)														
Aluminum	12800	14 / 14	8200	20	264		9900	20	261		9170	20	259	
Antimony	0.37 F	1 / 14	<	0.1	0.8	U	<	0.1	0.8	U	<	0.1	0.8	U
Arsenic	2.7	13 / 14	0.28	0.09	0.7	F	0.65	0.09	0.7	F	1.1	0.09	0.7	
Barium	1070	14 / 14	52.6	0.05	0.6		85.4	0.05	0.5		81.1	0.05	0.5	
Beryllium	0.65	14 / 14	0.4	0.04	0.2		0.38	0.04	0.2		0.33	0.04	0.2	

TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB02-018				C36-SB03-010				C36-SB03-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Calcium	191000	14 / 14	85100	16	220		90900	16	217		94400	16	216	
Chromium	9.9	14 / 14	6.4	0.03	0.6		7.9	0.03	0.5		7.6	0.03	0.5	
Cobalt	2.7	14 / 14	1.9	0.05	0.6		2.4	0.05	0.5		2.2	0.05	0.5	
Copper	4.7	14 / 14	2.2	0.09	0.6		2.4	0.09	0.5		2	0.09	0.5	
Iron	10200	14 / 14	7520	14	110		9130	14	109		8520	14	108	
Lead	61.9	14 / 14	4.7	0.09	5.5	F	4.8	0.09	5.4	F	5	0.09	5.4	F
Magnesium	5750	14 / 14	3770	0.74	8.8		3350	0.74	8.7		3190	0.74	8.6	
Manganese	124	14 / 14	74.1	0.13	0.6		100	0.13	0.5		81.7	0.13	0.5	
Mercury	0.018 J	7 / 14	0.01	0.01	0.1		0.013	0.01	0.1	F	0.011	0.01	0.1	F
Nickel	8	14 / 14	5.3	0.07	0.6		6.8	0.07	0.5		6.3	0.07	0.5	
Potassium	3290	14 / 14	2040	13.88	110		1990	13.88	109		1870	13.88	108	
Sodium	244	12 / 14	57.7	7.36	110	F	44	7.36	109	F	41	7.36	108	F
Vanadium	20	14 / 14	13.9	0.06	0.6		20	0.06	0.5		18.2	0.06	0.5	
Zinc	29	14 / 14	10.6	1.15	5.5		11.7	1.15	5.4		10.5	1.15	5.4	

Notes:
< = Less than the Reporting Limit
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB04-004				C36-SB04-014				C36-SB05-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)														
m,p-Xylene (sum of isomers)	0.6 F	1 / 14	<	0.47	5.5	U	<	0.47	5.4	U	<	0.47	5.5	U
Methyl Acetate	3.6 F	1 / 14	<	1.1	11	U	<	1.1	11	U	<	1.1	11	U
Tetrachloroethene	2.9 F	1 / 14	<	0.6	5.5	U	<	0.58	5.4	U	<	0.59	5.5	U
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)														
Benzo(a)anthracene	78 F	1 / 14	<	58	360	U	<	58	360	U	<	58	360	U
Benzo(a)pyrene	110 F	1 / 14	<	50.7	360	U	<	50.7	360	U	<	50.7	360	U
Benzo(b)fluoranthene	170 F	4 / 14	<	60	360	U	<	60	360	U	69	60	360	F
Benzo(g,h,i)perylene	110 F	1 / 14	<	55.2	360	U	<	55.2	360	U	<	55.2	360	U
Benzo(k)fluoranthene	80 F	2 / 14	<	61	360	U	<	61	360	U	80	61	360	F
Chrysene	150 F	3 / 14	<	60.6	360	U	<	60.6	360	U	<	60.6	360	U
Fluoranthene	250 F	6 / 14	<	65.4	360	U	<	65.4	360	U	74	65.4	360	F
Indeno(1,2,3-cd)pyrene	83 F	1 / 14	<	60.4	360	U	<	60.4	360	U	<	60.4	360	U
Phenanthrene	130 F	1 / 14	<	58.2	360	U	<	58.2	360	U	<	58.2	360	U
Pyrene	260 F	6 / 14	<	54.1	360	U	<	54.1	360	U	61	54.1	360	F
PESTICIDES (ORGANOCHLORINE) (µg/kg)														
alpha-Chlordane	4.7	1 / 14	<	0.9	4	U	<	0.9	4	U	<	0.9	4	U
gamma-Chlordane	1100	3 / 14	<	0.9	4	U	<	0.9	4	U	1.2	0.9	4	
Methoxychlor	6 F	2 / 14	<	1	20	U	<	1	20	U	2.4	1	20	F
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)														
Aroclor 1260	53 F	1 / 14	<	4	60	U	<	4	50	U	<	4	60	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	100	9 / 14	<	1	11	U	<	1	11	U	5.7	1	11	F
Motor Oils	190	9 / 14	<	3.5	11	U	<	3.5	11	U	13	3.5	11	
METALS (mg/kg)														
Aluminum	12800	14 / 14	7870	5.1	66		9500	10	130		8380	20	263	
Antimony	0.37 F	1 / 14	<	0.1	0.8	U	<	0.1	0.8	U	<	0.1	0.8	U
Arsenic	2.7	13 / 14	<	0.09	0.7	U	1.2	0.09	0.7		1.1	0.09	0.7	
Barium	1070	14 / 14	333	0.25	2.8		95.3	0.05	0.5		1070	0.05	11	
Beryllium	0.65	14 / 14	0.3	0.04	0.2		0.47	0.04	0.2		0.35	0.04	0.2	

TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB04-004				C36-SB04-014				C36-SB05-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Calcium	191000	14 / 14	175000	33	442		51300	8.2	108		97200	16	219	
Chromium	9.9	14 / 14	5.8	0.03	0.6		8.2	0.03	0.5		7	0.03	0.6	
Cobalt	2.7	14 / 14	1.4	0.05	0.6		2.6	0.05	0.5		1.3	0.05	0.6	
Copper	4.7	14 / 14	2.6	0.09	0.6		2.4	0.09	0.5		3	0.09	0.6	
Iron	10200	14 / 14	6680	3.5	28		9000	7.1	54		7960	14	110	
Lead	61.9	14 / 14	3.2	0.09	5.5	F	5.1	0.09	5.4	F	4.5	0.09	5.5	F
Magnesium	5750	14 / 14	3060	0.74	8.8		3160	0.74	8.7		2710	0.74	8.8	
Manganese	124	14 / 14	50.7	0.13	0.6		100	0.13	0.5		66.6	0.13	0.6	
Mercury	0.018 J	7 / 14	0.015	0.01	0.1	F	<	0.01	0.1	U	0.014	0.01	0.1	F
Nickel	8	14 / 14	5.4	0.07	0.6		6.7	0.07	0.5		6.7	0.07	0.6	
Potassium	3290	14 / 14	1300	13.88	110		2290	13.88	108		1480	13.88	110	
Sodium	244	12 / 14	70.2	7.36	110	F	221	7.36	108		42.1	7.36	110	F
Vanadium	20	14 / 14	14.9	0.06	0.6		18	0.06	0.5		16.5	0.06	0.6	
Zinc	29	14 / 14	5.1	1.15	5.5	F	13.5	1.15	5.4		12	1.15	5.5	

Notes:
< = Less than the Reporting Limit
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB05-018				C36-SB06-004				C36-SB06-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)														
m,p-Xylene (sum of isomers)	0.6 F	1 / 14	<	0.48	5.5	U	<	0.48	5.6	U	<	0.48	5.5	U
Methyl Acetate	3.6 F	1 / 14	<	1.1	11	U	<	1.1	11	U	<	1.1	11	U
Tetrachloroethene	2.9 F	1 / 14	<	0.6	5.5	U	<	0.61	5.6	U	<	0.6	5.5	U
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)														
Benzo(a)anthracene	78 F	1 / 14	<	58	360	U	<	58	370	U	<	58	370	U
Benzo(a)pyrene	110 F	1 / 14	<	50.7	360	U	<	50.7	370	U	<	50.7	370	U
Benzo(b)fluoranthene	170 F	4 / 14	67	60	360	F	76	60	370	F	<	60	370	U
Benzo(g,h,i)perylene	110 F	1 / 14	<	55.2	360	U	<	55.2	370	U	<	55.2	370	U
Benzo(k)fluoranthene	80 F	2 / 14	<	61	360	U	<	61	370	U	<	61	370	U
Chrysene	150 F	3 / 14	72	60.6	360	F	68	60.6	370		<	60.6	370	U
Fluoranthene	250 F	6 / 14	120	65.4	360	F	130	65.4	370	F	82	65.4	370	F
Indeno(1,2,3-cd)pyrene	83 F	1 / 14	<	60.4	360	U	<	60.4	370	U	<	60.4	370	U
Phenanthrene	130 F	1 / 14	<	58.2	360	U	<	58.2	370	U	<	58.2	370	U
Pyrene	260 F	6 / 14	100	54.1	360	F	110	54.1	370	F	69	54.1	370	F
PESTICIDES (ORGANOCHLORINE) (µg/kg)														
alpha-Chlordane	4.7	1 / 14	<	0.9	4	U	<	0.9	4	U	<	0.9	4	U
gamma-Chlordane	1100	3 / 14	<	0.9	4	U	<	0.9	4	U	<	0.9	4	U
Methoxychlor	6 F	2 / 14	<	1	20	U	<	1	20	U	6	1	20	F
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)														
Aroclor 1260	53 F	1 / 14	<	4	60	U	53	4	60	F	<	4	60	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	100	9 / 14	5.9	1	11	F	74	5	56		73	2	22	
Motor Oils	190	9 / 14	14	3.5	11		180	17.5	56		170	7	22	
METALS (mg/kg)														
Aluminum	12800	14 / 14	8720	10	133		7450	20	270		6390	5.1	66	
Antimony	0.37 F	1 / 14	<	0.1	0.8	U	<	0.1	0.8	U	<	0.1	0.8	U
Arsenic	2.7	13 / 14	1.4	0.09	0.7		1.8	0.09	0.7		1.2	0.09	0.7	
Barium	1070	14 / 14	72	0.05	0.6		356	1	11		338	0.25	2.8	
Beryllium	0.65	14 / 14	0.43	0.04	0.2		0.35	0.04	0.2		0.33	0.04	0.2	

TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB05-018				C36-SB06-004				C36-SB06-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Calcium	191000	14 / 14	53300	8.2	110		191000	16	225		34600	4.1	55	
Chromium	9.9	14 / 14	7.6	0.03	0.6		9.9	0.03	0.6		6	0.03	0.6	
Cobalt	2.7	14 / 14	2.3	0.05	0.6		1.3	0.05	0.6		1.5	0.05	0.6	
Copper	4.7	14 / 14	2.2	0.09	0.6		2.2	0.09	0.6		1.9	0.09	0.6	
Iron	10200	14 / 14	8350	7.1	55		6030	14	112		6120	3.5	28	
Lead	61.9	14 / 14	6.7	0.09	5.5		22.2	0.09	5.6		6.2	0.09	5.5	
Magnesium	5750	14 / 14	3860	0.74	8.8		3150	0.74	9		2920	0.74	8.8	
Manganese	124	14 / 14	108	0.13	0.6		40.4	0.13	0.6		80.2	0.13	0.6	
Mercury	0.018 J	7 / 14	<	0.01	0.1	UB	<	0.01	0.1	UB	<	0.01	0.1	UB
Nickel	8	14 / 14	6.3	0.07	0.6		5.2	0.07	0.6		4.9	0.07	0.6	
Potassium	3290	14 / 14	2280	13.88	110		1170	13.88	112		1640	13.88	111	
Sodium	244	12 / 14	210	7.36	110		<	7.36	112	UB	128	7.36	111	
Vanadium	20	14 / 14	17.3	0.06	0.6		14.6	0.06	0.6		13.9	0.06	0.6	
Zinc	29	14 / 14	15.5	1.15	5.5		17.3	1.15	5.6		23.5	1.15	5.5	

Notes:
< = Less than the Reporting Limit
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB07-004				C36-SB07-18			
DATE COLLECTED			June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (µg/kg)										
m,p-Xylene (sum of isomers)	0.6 F	1 / 14	<	0.47	5.5	U	<	0.48	5.6	U
Methyl Acetate	3.6 F	1 / 14	<	1.1	11	U	<	1.1	11	U
Tetrachloroethene	2.9 F	1 / 14	<	0.59	5.5	U	2.9	0.6	5.6	F
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)										
Benzo(a)anthracene	78 F	1 / 14	<	58	360	U	<	58	370	U
Benzo(a)pyrene	110 F	1 / 14	<	50.7	360	U	<	50.7	370	U
Benzo(b)fluoranthene	170 F	4 / 14	<	60	360	U	<	60	370	U
Benzo(g,h,i)perylene	110 F	1 / 14	<	55.2	360	U	<	55.2	370	U
Benzo(k)fluoranthene	80 F	2 / 14	<	61	360	U	<	61	370	U
Chrysene	150 F	3 / 14	<	60.6	360	U	<	60.6	370	U
Fluoranthene	250 F	6 / 14	<	65.4	360	U	67	65.4	370	F
Indeno(1,2,3-cd)pyrene	83 F	1 / 14	<	60.4	360	U	<	60.4	370	U
Phenanthrene	130 F	1 / 14	<	58.2	360	U	<	58.2	370	U
Pyrene	260 F	6 / 14	<	54.1	360	U	55	54.1	370	F
PESTICIDES (ORGANOCHLORINE) (µg/kg)										
alpha-Chlordane	4.7	1 / 14	<	0.9	4	U	<	0.9	4	U
gamma-Chlordane	1100	3 / 14	<	0.9	4	U	1100	0.9	4	
Methoxychlor	6 F	2 / 14	<	1	20	U	<	1	20	U
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)										
Aroclor 1260	53 F	1 / 14	<	4	60	U	<	4	60	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)										
Diesel Range Organics	100	9 / 14	69	2	22		100	5	56	
Motor Oils	190	9 / 14	150	7	22		190	17.5	56	
METALS (mg/kg)										
Aluminum	12800	14 / 14	7200	20	263		12800	10	134	
Antimony	0.37 F	1 / 14	<	0.1	0.8	U	<	0.1	0.8	U
Arsenic	2.7	13 / 14	2.2	0.09	0.7		2.7	0.09	0.7	
Barium	1070	14 / 14	603	1	11		506	0.5	5.6	
Beryllium	0.65	14 / 14	0.31	0.04	0.2		0.65	0.04	0.2	

TABLE 3-4
SUMMARY OF CHEMICALS DETECTED IN CMI FIELD INVESTIGATION SOIL SAMPLES COLLECTED AT AOC 36 CANNON AFB, NEW MEXICO

FIELD ID			C36-SB07-004				C36-SB07-18			
DATE COLLECTED			June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Calcium	191000	14 / 14	190000	16	219		88100	8.2	111	
Chromium	9.9	14 / 14	5.6	0.03	0.6		9.5	0.03	0.6	
Cobalt	2.7	14 / 14	1.1	0.05	0.6		2.7	0.05	0.6	
Copper	4.7	14 / 14	2.5	0.09	0.6		2.8	0.09	0.6	
Iron	10200	14 / 14	5990	14	110		10200	7.1	56	
Lead	61.9	14 / 14	4.2	0.09	5.5	F	6	0.09	5.6	
Magnesium	5750	14 / 14	2990	0.74	8.8		5750	0.74	8.9	
Manganese	124	14 / 14	40.6	0.13	0.6		124	0.13	0.6	
Mercury	0.018 J	7 / 14	<	0.01	0.1	UB	<	0.01	0.1	UB
Nickel	8	14 / 14	4.9	0.07	0.6		8	0.07	0.6	
Potassium	3290	14 / 14	1080	13.88	110		3290	13.88	111	
Sodium	244	12 / 14	<	7.36	110	UB	244	7.36	111	
Vanadium	20	14 / 14	14.5	0.06	0.6		18.6	0.06	0.6	
Zinc	29	14 / 14	11	1.15	5.5		18.4	1.15	5.6	

Notes:
< = Less than the Reporting Limit
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

TABLE 3-5
COMPARISON OF AOC 36 MAXIMUM CHEMICAL CONCENTRATIONS TO SOIL SCREENING LEVELS AND BACKGROUND CONCENTRATIONS CANNON AFB, NEW MEXICO

Chemical	Maximum Detected Concentration (mg/kg)	Qual	Residential Soil Screening Levels (mg/kg) [1]	Background Concentration (mg/kg)	Exceeds SSL ?	Exceeds Background ?
VOLATILE ORGANIC COMPOUNDS (mg/kg)						
m,p-Xylene (sum of isomers)	6.00E-04	F	8.20E+01		NO	
Methyl Acetate	3.60E-03	F	3.76E+04		NO	
Tetrachloroethene	2.90E-03	F	1.25E+01		NO	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)						
Benzo(a)anthracene	7.80E-02	F	6.21E+00		NO	
Benzo(a)pyrene	1.10E-01	F	6.21E-01		NO	
Benzo(b)fluoranthene	1.70E-01	F	6.21E+00		NO	
Benzo(g,h,i)perylene	1.10E-01	F	N/A		N/A	
Benzo(k)fluoranthene	8.00E-02	F	6.21E+01		NO	
Chrysene	1.50E-01	F	6.15E+02		NO	
Fluoranthene	2.50E-01	F	2.29E+03		NO	
Indeno(1,2,3-cd)pyrene	8.30E-02	F	6.21E+00		NO	
Phenanthrene	1.30E-01	F	1.83E+03		NO	
Pyrene	2.60E-01	F	2.29E+03		NO	
PESTICIDES (ORGANOCHLORINE) (mg/kg)						
alpha-Chlordane	4.70E-03		N/A		N/A	
gamma-Chlordane	1.10E+00		N/A		N/A	
Methoxychlor	6.00E-03	F	N/A		N/A	
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)						
Aroclor 1260	5.30E-02	F	1.12E+00		NO	
TOTAL PETROLEUM HYDROCARBONS (mg/kg)						
Diesel Range Organics	1.00E+02		2.50E+03		NO	
Motor Oils	1.90E+02		2.50E+03		NO	
METALS (mg/kg)						
Aluminum	1.28E+04		7.78E+04	1.22E+04	NO	YES
Antimony	3.70E-01	F	3.13E+01	N/A	NO	N/A
Arsenic	2.70E+00		3.90E+00	4.30E+00	NO	NO
Barium	1.07E+03		1.56E+04	8.90E+02	NO	YES
Beryllium	6.50E-01		1.56E+02	7.30E-01	NO	NO
Calcium	1.91E+05		N/A	2.37E+05	N/A	NO
Chromium	9.90E+00		1.00E+05	1.33E+01	NO	NO
Cobalt	2.70E+00		1.52E+03	4.70E+00	NO	NO
Copper	4.70E+00		3.13E+03	8.30E+00	NO	NO
Iron	1.02E+04		2.35E+04	1.31E+04	NO	NO
Lead	6.19E+01		4.00E+02	8.70E+00	NO	YES
Magnesium	5.75E+03		N/A	1.93E+04	N/A	NO
Manganese	1.24E+02		3.59E+03	3.33E+02	NO	NO
Mercury	1.80E-02	J	1.00E+05	N/A	NO	N/A
Nickel	8.00E+00		1.56E+03	1.50E+01	NO	NO
Potassium	3.29E+03		N/A	2.51E+03	N/A	YES
Sodium	2.44E+02		N/A	N/A	N/A	N/A
Vanadium	2.00E+01		7.82E+01	3.28E+01	NO	NO
Zinc	2.90E+01		2.35E+04	3.06E+01	NO	NO

Notes:
[1] NMED Soil Screening Levels Revision 4.0 (June 2006)
mg/kg = milligram per kilogram
N/A = Not Applicable
J = Estimated
Qual = Qualifier
F = Result between MDL and RL
SSL = Soil Screening Level
RL = Reporting Limit

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TABLE 3-6
CMI FIELD INVESTIGATION ANALYTICAL RESULTS FOR FIELD DUPLICATES COLLECTED AT SITE ST-26 (SWMU 48A) AND AOC 36 CANNON AFB, NEW MEXICO

FIELD ID	C36-SB04-004				C36-SB04-204				
DATE COLLECTED	June 19, 2008				June 19, 2008				
	Result	MDL	RL	Qual	Result	MDL	RL	Qual	RPD
VOLATILE ORGANIC COMPOUNDS (µg/kg)									
1,1,1-Trichloroethane	<	0.89	5.5	U	<	0.88	5.4	U	< 2X
1,1,2,2-Tetrachloroethane	<	1.4	5.5	U	<	1.3	5.4	U	< 2X
1,1,2-Trichloro-1,2,2-trifluoroethane	<	0.92	5.5	U	<	0.9	5.4	U	< 2X
1,1,2-Trichloroethane	<	0.53	5.5	U	<	0.52	5.4	U	< 2X
1,1-Dichloroethane	<	1.2	5.5	U	<	1.2	5.4	U	< 2X
1,1-Dichloroethene	<	0.87	5.5	U	<	0.86	5.4	U	< 2X
1,2,4-Trichlorobenzene	<	0.57	5.5	U	<	0.56	5.4	U	< 2X
1,2,4-Trimethylbenzene	<	1.3	5.5	U	<	1.3	5.4	U	< 2X
1,2-Dibromo-3-Chloropropane	<	2.4	7.7	U	<	2.4	7.6	U	< 2X
1,2-Dibromoethane (Ethylene Dibromide)	<	0.66	5.5	U	<	0.65	5.4	U	< 2X
1,2-Dichlorobenzene	<	1	5.5	U	<	1	5.4	U	< 2X
1,2-Dichloroethane	<	0.79	5.5	U	<	0.78	5.4	U	< 2X
1,2-Dichloroethene (cis)	<	1.2	5.5	U	<	1.2	5.4	U	< 2X
1,2-Dichloroethene (trans)	<	1.5	5.5	U	<	1.5	5.4	U	< 2X
1,2-Dichloropropane	<	0.68	5.5	U	<	0.67	5.4	U	< 2X
1,3,5-Trimethylbenzene (Mesitylene)	<	1.1	5.5	U	<	1.1	5.4	U	< 2X
1,3-Dichlorobenzene	<	0.66	5.5	U	<	0.65	5.4	U	< 2X
1,4-Dichlorobenzene	<	0.74	5.5	U	<	0.73	5.4	U	< 2X
2-Hexanone	<	0.18	5.5	U	<	0.17	5.4	U	< 2X
4-Methyl-2-Pentanone	<	1	5.5	U	<	1	5.4	U	< 2X
Acetone	<	3.1	55	U	<	3	54	U	< 2X
Benzene	<	0.7	5.5	U	<	0.68	5.4	U	< 2X
Benzyl Chloride	<	2.2	22	U	<	2.2	22	U	< 2X
Bromodichloromethane	<	0.76	5.5	U	<	0.75	5.4	U	< 2X
Bromoform	<	0.88	5.5	U	<	0.87	5.4	U	< 2X
Bromomethane	<	1.8	11	U	<	1.7	11	U	< 2X
Carbon Disulfide	<	1.2	5.5	U	<	1.2	5.4	U	< 2X
Carbon Tetrachloride	<	0.88	5.5	U	<	0.87	5.4	U	< 2X
Chlorobenzene	<	0.54	5.5	U	<	0.53	5.4	U	< 2X
Chloroethane	<	1.7	5.5	U	<	1.7	5.4	U	< 2X
Chloroform	<	1.6	5.5	U	<	1.5	5.4	U	< 2X
Chloromethane	<	2	6.6	U	<	2	6.5	U	< 2X
cis-1,3-Dichloropropene	<	0.52	5.5	U	<	0.51	5.4	U	< 2X
Cyclohexane	<	0.91	5.5	U	<	0.89	5.4	U	< 2X
Dibromochloromethane	<	0.94	5.5	U	<	0.92	5.4	U	< 2X
Dichlorodifluoromethane	<	0.92	11	U	<	0.9	11	U	< 2X
Ethylbenzene	<	0.71	5.5	U	<	0.69	5.4	U	< 2X
Hexachlorobutadiene	<	0.66	5.5	U	<	0.65	5.4	U	< 2X
Isopropylbenzene (Cumene)	<	1.2	5.5	U	<	1.2	5.4	U	< 2X
m,p-Xylene (sum of isomers)	<	0.47	5.5	U	<	0.47	5.4	U	< 2X
Methyl Acetate	<	1.1	11	U	<	1.1	11	U	< 2X
Methyl Ethyl Ketone (2-Butanone)	<	0.78	5.5	U	<	0.77	5.4	U	< 2X
Methyl t-Butyl Ether	<	0.98	5.5	U	<	0.96	5.4	U	< 2X

TABLE 3-6
CMI FIELD INVESTIGATION ANALYTICAL RESULTS FOR FIELD DUPLICATES COLLECTED AT SITE ST-26 (SWMU 48A) AND AOC 36 CANNON AFB, NEW MEXICO

FIELD ID	C36-SB04-004				C36-SB04-204				
DATE COLLECTED	June 19, 2008				June 19, 2008				
	Result	MDL	RL	Qual	Result	MDL	RL	Qual	RPD
Methylcyclohexane	<	2.2	22	U	<	2.2	22	U	< 2X
Methylene Chloride	<	5.1	55	U	<	5	54	U	< 2X
o-Xylene (1,2-Dimethylbenzene)	<	0.67	5.5	U	<	0.66	5.4	U	< 2X
Styrene	<	0.76	5.5	U	<	0.75	5.4	U	< 2X
Tetrachloroethene	<	0.6	5.5	U	<	0.59	5.4	U	< 2X
Toluene	<	0.72	5.5	U	<	0.7	5.4	U	< 2X
trans-1,3-Dichloropropene	<	0.47	5.5	U	<	0.47	5.4	U	< 2X
Trichloroethene	<	0.78	5.5	U	<	0.77	5.4	U	< 2X
Trichlorofluoromethane	<	1.4	5.5	U	<	1.4	5.4	U	< 2X
Vinyl Acetate	<	1.1	11	U	<	1.1	11	U	< 2X
Vinyl Chloride	<	1.9	5.5	U	<	1.8	5.4	U	< 2X
SEMIVOLATILE ORGANIC COMPOUNDS (µg/kg)									
2,2-Oxybis(1-chloro)propane	<	47.3	360	U	<	47.3	360	U	< 2X
2,4,5-Trichlorophenol	<	60.1	360	U	<	60.1	360	U	< 2X
2,4,6-Trichlorophenol	<	48.3	360	U	<	48.3	360	U	< 2X
2,4-Dichlorophenol	<	50.5	360	U	<	50.5	360	U	< 2X
2,4-Dimethylphenol	<	43.9	360	U	<	43.9	360	U	< 2X
2,4-Dinitrophenol	<	53.7	730	U	<	53.7	720	U	< 2X
2,4-Dinitrotoluene	<	63.8	360	U	<	63.8	360	U	< 2X
2,6-Dinitrotoluene	<	60.6	360	U	<	60.6	360	U	< 2X
2-Chloronaphthalene	<	52.4	360	U	<	52.4	360	U	< 2X
2-Chlorophenol	<	44.3	360	U	<	44.3	360	U	< 2X
2-Methylnaphthalene	<	50.4	360	U	<	50.4	360	U	< 2X
2-Methylphenol (o-cresol)	<	45.2	360	U	<	45.2	360	U	< 2X
2-Nitroaniline	<	62.4	730	U	<	62.4	720	U	< 2X
2-Nitrophenol	<	47.8	360	U	<	47.8	360	U	< 2X
3,3-Dichlorobenzidine	<	56.3	730	U	<	56.3	720	U	< 2X
3-Nitroaniline	<	61.1	730	U	<	61.1	720	U	< 2X
4,6-Dinitro-2-methylphenol	<	56.4	730	U	<	56.4	720	U	< 2X
4-Bromophenyl-phenylether	<	56.6	360	U	<	56.6	360	U	< 2X
4-Chloro-3-methylphenol	<	58.8	360	U	<	58.8	360	U	< 2X
4-Chloroaniline	<	16.5	730	U	<	16.5	720	U	< 2X
4-Chlorophenyl-phenylether	<	60.7	360	U	<	60.7	360	U	< 2X
4-Methylphenol (p-cresol)	<	46.4	360	U	<	46.4	360	U	< 2X
4-Nitroaniline	<	72.8	360	U	<	72.8	360	U	< 2X
4-Nitrophenol	<	59.8	730	U	<	59.8	720	U	< 2X
Acenaphthene	<	53.8	360	U	<	53.8	360	U	< 2X
Acenaphthylene	<	53.1	360	U	<	53.1	360	U	< 2X
Acetophenone	<	90	360	U	<	90	360	U	< 2X
Anthracene	<	61.3	360	U	<	61.3	360	U	< 2X
Atrazine	<	90	360	U	<	90	360	U	< 2X
Benzaldehyde	<	90	360	U	<	90	360	U	< 2X
Benzo(a)anthracene	<	58	360	U	<	58	360	U	< 2X
Benzo(a)pyrene	<	50.7	360	U	<	50.7	360	U	< 2X

TABLE 3-6
CMI FIELD INVESTIGATION ANALYTICAL RESULTS FOR FIELD DUPLICATES COLLECTED AT SITE ST-26 (SWMU 48A) AND AOC 36 CANNON AFB, NEW MEXICO

FIELD ID	C36-SB04-004				C36-SB04-204				
DATE COLLECTED	June 19, 2008				June 19, 2008				
	Result	MDL	RL	Qual	Result	MDL	RL	Qual	RPD
Benzo(b)fluoranthene	<	60	360	U	<	60	360	U	< 2X
Benzo(g,h,i)perylene	<	55.2	360	U	<	55.2	360	U	< 2X
Benzo(k)fluoranthene	<	61	360	U	<	61	360	U	< 2X
Biphenyl (diphenyl)	<	90	360	U	<	90	360	U	< 2X
bis(2-Chloroethoxy)methane	<	49.9	360	U	<	49.9	360	U	< 2X
bis(2-Chloroethyl)ether	<	50	360	U	<	50	360	U	< 2X
bis(2-Ethylhexyl)phthalate	<	61.6	360	U	<	61.6	360	U	< 2X
Butylbenzylphthalate	<	55.5	360	U	<	55.5	360	U	< 2X
Caprolactam	<	90	360	U	<	90	360	U	< 2X
Carbazole	<	81.6	360	U	<	81.6	360	U	< 2X
Chrysene	<	60.6	360	U	<	60.6	360	U	< 2X
Dibenz(a,h)anthracene	<	59.4	360	U	<	59.4	360	U	< 2X
Dibenzofuran	<	57.3	360	U	<	57.3	360	U	< 2X
Diethylphthalate	<	62.1	360	U	<	62.1	360	U	< 2X
Dimethylphthalate	<	63.3	360	U	<	63.3	360	U	< 2X
Di-n-butylphthalate	<	65.9	360	U	<	65.9	360	U	< 2X
Di-n-octylphthalate	<	58.4	360	U	<	58.4	360	U	< 2X
Fluoranthene	<	65.4	360	U	<	65.4	360	U	< 2X
Fluorene	<	61.3	360	U	<	61.3	360	U	< 2X
Hexachlorobenzene	<	60.3	360	U	<	60.3	360	U	< 2X
Hexachlorobutadiene	<	51.7	360	U	<	51.7	360	U	< 2X
Hexachlorocyclopentadiene	<	44	360	U	<	44	360	U	< 2X
Hexachloroethane	<	49.9	360	U	<	49.9	360	U	< 2X
Indeno(1,2,3-cd)pyrene	<	60.4	360	U	<	60.4	360	U	< 2X
Isophorone	<	57	360	U	<	57	360	U	< 2X
Naphthalene	<	50.5	360	U	<	50.5	360	U	< 2X
Nitrobenzene	<	49.8	360	U	<	49.8	360	U	< 2X
N-Nitroso-di-n-propylamine	<	54.9	360	U	<	54.9	360	U	< 2X
N-Nitrosodiphenylamine	<	50.6	360	U	<	50.6	360	U	< 2X
Pentachlorophenol	<	58.7	730	U	<	58.7	720	U	< 2X
Phenanthrene	<	58.2	360	U	<	58.2	360	U	< 2X
Phenol	<	43	360	U	<	43	360	U	< 2X
Pyrene	<	54.1	360	U	<	54.1	360	U	< 2X
PESTICIDES (ORGANOCHLORINE) (µg/kg)									
4,4-DDD	<	0.4	4	U	<	0.4	4	U	< 2X
4,4-DDE	<	1.6	4	U	<	1.6	4	U	< 2X
4,4-DDT	<	0.4	4	U	<	0.4	4	U	< 2X
Aldrin	<	1.4	4	U	<	1.4	4	U	< 2X
alpha-BHC	<	1	4	U	<	1	4	U	< 2X
alpha-Chlordane	<	0.9	4	U	<	0.9	4	U	< 2X
beta-BHC	<	1	4	U	<	1	4	U	< 2X
delta-BHC	<	1.1	4	U	<	1.1	4	U	< 2X
Dieldrin	<	1.1	4	U	<	1.1	4	U	< 2X
Endosulfan I	<	2.2	4	U	<	2.2	4	U	< 2X

TABLE 3-6
CMI FIELD INVESTIGATION ANALYTICAL RESULTS FOR FIELD DUPLICATES COLLECTED AT SITE ST-26 (SWMU 48A) AND AOC 36 CANNON AFB, NEW MEXICO

FIELD ID	C36-SB04-004				C36-SB04-204				
DATE COLLECTED	June 19, 2008				June 19, 2008				
	Result	MDL	RL	Qual	Result	MDL	RL	Qual	RPD
Endosulfan II	<	2.9	4	U	<	2.9	4	U	< 2X
Endosulfan sulfate	<	1.1	4	U	<	1.1	4	U	< 2X
Endrin	<	1.1	4	U	<	1.1	4	U	< 2X
Endrin aldehyde	<	2.9	4	U	<	2.9	4	U	< 2X
gamma-BHC (Lindane)	<	0.9	4	U	<	0.9	4	U	< 2X
gamma-Chlordane	<	0.9	4	U	<	0.9	4	U	< 2X
Heptachlor	<	1.1	4	U	<	1.1	4	U	< 2X
Heptachlor epoxide	<	1.1	4	U	<	1.1	4	U	< 2X
Methoxychlor	<	1	20	U	<	1	20	U	< 2X
Toxaphene	<	10	100	U	<	10	100	U	< 2X
POLYCHLORINATED BIPHENYLS (PCB) (µg/kg)									
Aroclor 1016	<	10	60	U	<	10	50	U	< 2X
Aroclor 1221	<	5	60	U	<	5	50	U	< 2X
Aroclor 1232	<	4	60	U	<	4	50	U	< 2X
Aroclor 1242	<	3	60	U	<	3	50	U	< 2X
Aroclor 1248	<	1	60	U	<	1	50	U	< 2X
Aroclor 1254	<	2	60	U	<	2	50	U	< 2X
Aroclor 1260	<	4	60	U	<	4	50	U	< 2X
PETROLEUM HYDROCARBONS (mg/kg)									
Diesel Hydrocarbons	<	1	11	U	2	1	11	F	
Gasoline Hydrocarbons	<	0.33	1.1	U	<	0.33	1.1	U	< 2X
Motor Oils	<	3.5	11	U	3.8	3.5	11	F	< 2X
METALS (mg/kg)									
Aluminum	7870	5.1	66		7500	5.1	65		4.8
Antimony	<	0.1	0.8	U	<	0.1	0.8	U	< 2X
Arsenic	<	0.09	0.7	U	<	0.09	0.7	U	< 2X
Barium	333	0.25	2.8		202	0.05	0.5		49.0
Beryllium	0.3	0.04	0.2		0.3	0.04	0.2		< 2X
Cadmium	<	0.03	0.6	U	<	0.03	0.5	U	< 2X
Calcium	175000	33	442		178000	33	433		1.7
Chromium	5.8	0.03	0.6		5.9	0.03	0.5		1.7
Cobalt	1.4	0.05	0.6		1.6	0.05	0.5		< 2X
Copper	2.6	0.09	0.6		2.7	0.09	0.5		3.8
Iron	6680	3.5	28		6470	3.5	27		3.2
Lead	3.2	0.09	5.5	F	3.5	0.09	5.4	F	< 2X
Magnesium	3060	0.74	8.8		3060	0.74	8.7		0.0
Manganese	50.7	0.13	0.6		54.5	0.13	0.5		7.2
Mercury	0.015	0.01	0.1	F	0.011	0.01	0.1	F	< 2X
Nickel	5.4	0.07	0.6		5.5	0.07	0.5		1.8
Potassium	1300	13.88	110		1320	13.88	108		1.5
Selenium	<	0.24	0.9	U	<	0.24	0.9	U	< 2X
Silver	<	0.04	0.2	U	<	0.04	0.2	U	< 2X
Sodium	70.2	7.36	110	F	71.4	7.36	108	F	< 2X
Thallium	<	0.21	2.2	U	<	0.21	2.2	U	< 2X

TABLE 3-6
CMI FIELD INVESTIGATION ANALYTICAL RESULTS FOR FIELD DUPLICATES COLLECTED AT SITE ST-26 (SWMU 48A) AND AOC 36 CANNON AFB, NEW MEXICO

FIELD ID	C36-SB04-004				C36-SB04-204				
DATE COLLECTED	June 19, 2008				June 19, 2008				
	Result	MDL	RL	Qual	Result	MDL	RL	Qual	RPD
Vanadium	14.9	0.06	0.6		15	0.06	0.5		0.7
Zinc	5.1	1.15	5.5	F	5.3	1.15	5.4	F	< 2X

Notes:
RPD was calculated for results greater than 5X the reporting limit
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
< 2X = Difference between sample results was less than two times the reporting limit
F = Result between MDL and RL
MDL = Method Detection Limit
PCBs = Polychlorinated Biphenyls
Qual = Qualifier
RPD = Relative Percent Difference
RL = Reporting Limit
U = Nondetect

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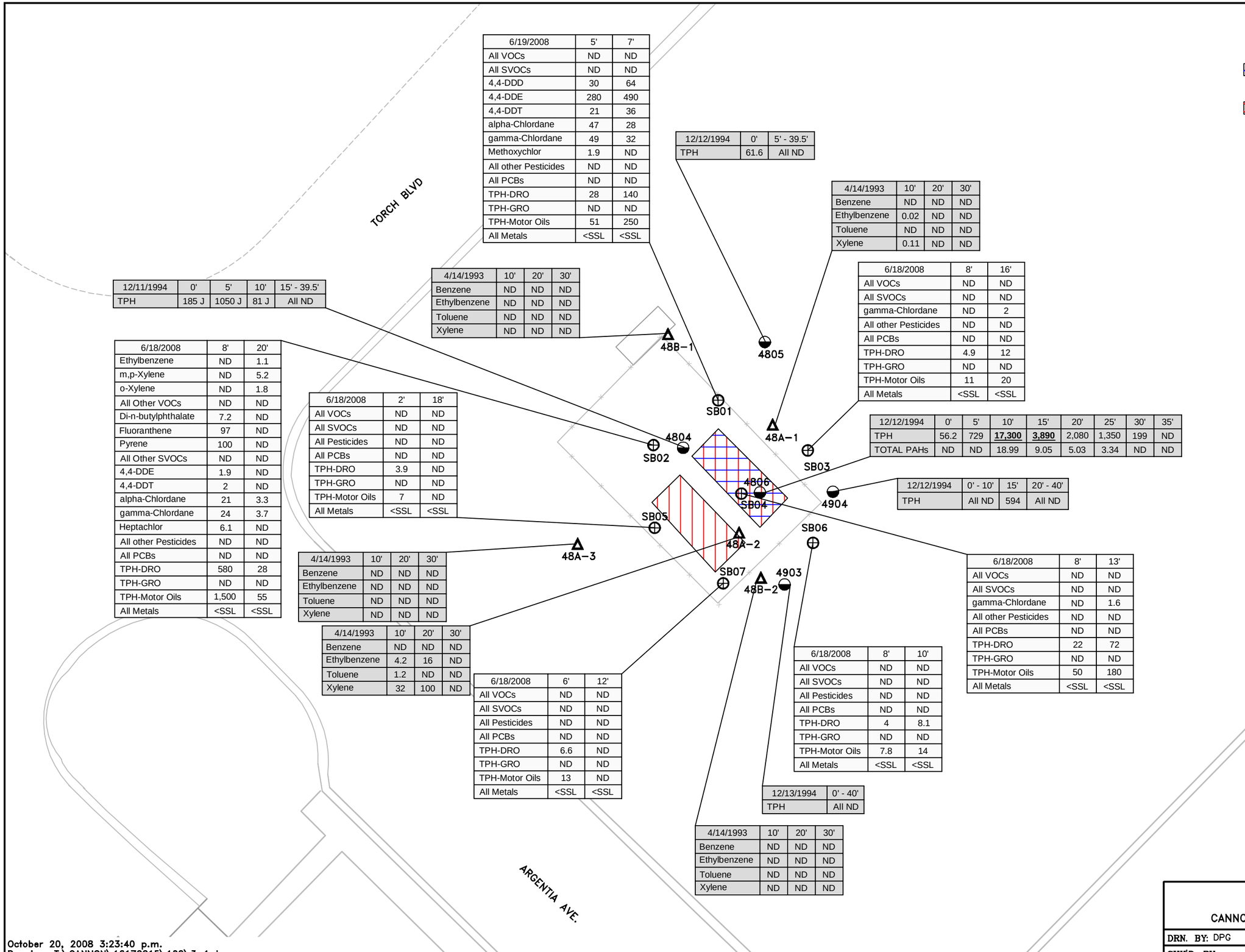

6/19/2008	5'	7'
All VOCs	ND	ND
All SVOCs	ND	ND
4,4-DDD	30	64
4,4-DDE	280	490
4,4-DDT	21	36
alpha-Chlordane	47	28
gamma-Chlordane	49	32
Methoxychlor	1.9	ND
All other Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	28	140
TPH-GRO	ND	ND
TPH-Motor Oils	51	250
All Metals	<SSL	<SSL

12/12/1994	0'	5' - 39.5'
TPH	61.6	All ND

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	0.02	ND	ND
Toluene	ND	ND	ND
Xylene	0.11	ND	ND

12/11/1994	0'	5'	10'	15' - 39.5'
TPH	185 J	1050 J	81 J	All ND

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Toluene	ND	ND	ND
Xylene	ND	ND	ND

6/18/2008	8'	16'
All VOCs	ND	ND
All SVOCs	ND	ND
gamma-Chlordane	ND	2
All other Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	4.9	12
TPH-GRO	ND	ND
TPH-Motor Oils	11	20
All Metals	<SSL	<SSL

12/12/1994	0'	5'	10'	15'	20'	25'	30'	35'
TPH	56.2	729	**17,300**	**3,890**	2,080	1,350	199	ND
TOTAL PAHs	ND	ND	18.99	9.05	5.03	3.34	ND	ND

6/18/2008	8'	20'
Ethylbenzene	ND	1.1
m,p-Xylene	ND	5.2
o-Xylene	ND	1.8
All Other VOCs	ND	ND
Di-n-butylphthalate	7.2	ND
Fluoranthene	97	ND
Pyrene	100	ND
All Other SVOCs	ND	ND
4,4-DDE	1.9	ND
4,4-DDT	2	ND
alpha-Chlordane	21	3.3
gamma-Chlordane	24	3.7
Heptachlor	6.1	ND
All other Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	580	28
TPH-GRO	ND	ND
TPH-Motor Oils	1,500	55
All Metals	<SSL	<SSL

6/18/2008	2'	18'
All VOCs	ND	ND
All SVOCs	ND	ND
All Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	3.9	ND
TPH-GRO	ND	ND
TPH-Motor Oils	7	ND
All Metals	<SSL	<SSL

12/12/1994	0' - 10'	15'	20' - 40'
TPH	All ND	594	All ND

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Toluene	ND	ND	ND
Xylene	ND	ND	ND

6/18/2008	8'	13'
All VOCs	ND	ND
All SVOCs	ND	ND
gamma-Chlordane	ND	1.6
All other Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	22	72
TPH-GRO	ND	ND
TPH-Motor Oils	50	180
All Metals	<SSL	<SSL

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	4.2	16	ND
Toluene	1.2	ND	ND
Xylene	32	100	ND

6/18/2008	6'	12'
All VOCs	ND	ND
All SVOCs	ND	ND
All Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	6.6	ND
TPH-GRO	ND	ND
TPH-Motor Oils	13	ND
All Metals	<SSL	<SSL

6/18/2008	8'	10'
All VOCs	ND	ND
All SVOCs	ND	ND
All Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	4	8.1
TPH-GRO	ND	ND
TPH-Motor Oils	7.8	14
All Metals	<SSL	<SSL

12/13/1994	0' - 40'
TPH	All ND

4/14/1993	10'	20'	30'
Benzene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Toluene	ND	ND	ND
Xylene	ND	ND	ND

LEGEND:

- APPROXIMATE LOCATION OF FORMER ABOVEGROUND STORAGE TANK (ABOVE UST)
- APPROXIMATE LOCATION OF FORMER UNDERGROUND STORAGE TANK
- 4904 — PHASE II SOIL BORING LOCATION AND NUMBER
- 49A–1 — PHASE I SOIL BORING LOCATION AND NUMBER
- SB01 — 2008 CMI BORING LOCATION AND NUMBER
- ND — SAMPLE RESULT(S) DID NOT EXCEED DETECTION LIMITS
- 17,300 — VALUE EXCEEDS NAMED SSL
- <SSL — SAMPLE RESULT(S) DID NOT EXCEED RESIDENTIAL SOIL SCREENING LEVELS

NOTE:
THE LOCATION OF PHASE I BORINGS 48B–1 AND 48B–2 ARE APPROXIMATE SINCE THEY WERE NOT LOCATED DURING THE JUNE 2005 SITE VISIT

TPH AND TOTAL PAH CONCENTRATIONS COMPARED TO NMED TPH SCREENING LEVEL FOR WASTE OIL (2,500 mg/kg)

TPH AND METALS RESULTS IN mg/kg. ALL OTHER RESULTS IN μg/kg.

THE RESULTS IN GRAY BOXES WERE OBTAINED FROM HISTORICAL SAMPLING EVENTS.

N

20 10 0 20
SCALE IN FEET

SOIL SAMPLING RESULTS
SITE ST–26 (SWMU 48A)
CANNON AIR FORCE BASE, NEW MEXICO

DRN. BY: DPG	DATE: 07/28/08	PROJECT NO. 16170215	FIG. NO. 3–1
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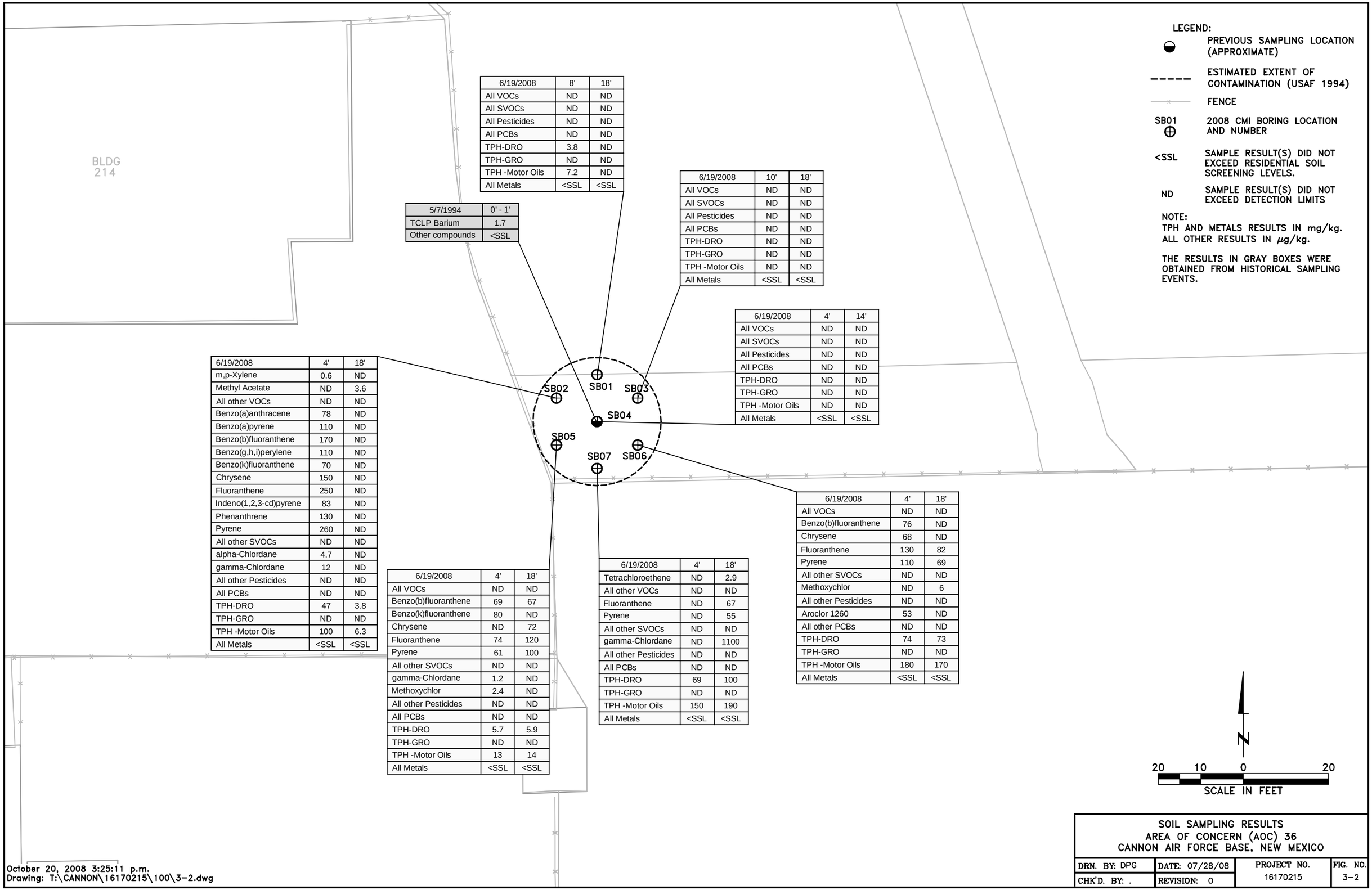

6/19/2008	8'	18'
All VOCs	ND	ND
All SVOCs	ND	ND
All Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	3.8	ND
TPH-GRO	ND	ND
TPH -Motor Oils	7.2	ND
All Metals	<SSL	<SSL

5/7/1994	0' - 1'
TCLP Barium	1.7
Other compounds	<SSL

6/19/2008	10'	18'
All VOCs	ND	ND
All SVOCs	ND	ND
All Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	ND	ND
TPH-GRO	ND	ND
TPH -Motor Oils	ND	ND
All Metals	<SSL	<SSL

6/19/2008	4'	14'
All VOCs	ND	ND
All SVOCs	ND	ND
All Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	ND	ND
TPH-GRO	ND	ND
TPH -Motor Oils	ND	ND
All Metals	<SSL	<SSL

6/19/2008	4'	18'
m,p-Xylene	0.6	ND
Methyl Acetate	ND	3.6
All other VOCs	ND	ND
Benzo(a)anthracene	78	ND
Benzo(a)pyrene	110	ND
Benzo(b)fluoranthene	170	ND
Benzo(g,h,i)perylene	110	ND
Benzo(k)fluoranthene	70	ND
Chrysene	150	ND
Fluoranthene	250	ND
Indeno(1,2,3-cd)pyrene	83	ND
Phenanthrene	130	ND
Pyrene	260	ND
All other SVOCs	ND	ND
alpha-Chlordane	4.7	ND
gamma-Chlordane	12	ND
All other Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	47	3.8
TPH-GRO	ND	ND
TPH -Motor Oils	100	6.3
All Metals	<SSL	<SSL

6/19/2008	4'	18'
All VOCs	ND	ND
Benzo(b)fluoranthene	69	67
Benzo(k)fluoranthene	80	ND
Chrysene	ND	72
Fluoranthene	74	120
Pyrene	61	100
All other SVOCs	ND	ND
gamma-Chlordane	1.2	ND
Methoxychlor	2.4	ND
All other Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	5.7	5.9
TPH-GRO	ND	ND
TPH -Motor Oils	13	14
All Metals	<SSL	<SSL

6/19/2008	4'	18'
Tetrachloroethene	ND	2.9
All other VOCs	ND	ND
Fluoranthene	ND	67
Pyrene	ND	55
All other SVOCs	ND	ND
gamma-Chlordane	ND	1100
All other Pesticides	ND	ND
All PCBs	ND	ND
TPH-DRO	69	100
TPH-GRO	ND	ND
TPH -Motor Oils	150	190
All Metals	<SSL	<SSL

6/19/2008	4'	18'
All VOCs	ND	ND
Benzo(b)fluoranthene	76	ND
Chrysene	68	ND
Fluoranthene	130	82
Pyrene	110	69
All other SVOCs	ND	ND
Methoxychlor	ND	6
All other Pesticides	ND	ND
Aroclor 1260	53	ND
All other PCBs	ND	ND
TPH-DRO	74	73
TPH-GRO	ND	ND
TPH -Motor Oils	180	170
All Metals	<SSL	<SSL

SOIL SAMPLING RESULTS
AREA OF CONCERN (AOC) 36
CANNON AIR FORCE BASE, NEW MEXICO

DRN. BY: DPG	DATE: 07/28/08	PROJECT NO. 16170215	FIG. NO. 3-2
CHK'D. BY: .	REVISION: 0		

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A.1 Boring Logs

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HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB01
1. COMPANY NAME: URS	2. DRILLING SUBCONTRACTOR: Peterson Drilling	SHEET 1 OF SHEETS 2
3. PROJECT: Cannon AFB SiteST- 26 (SWMU 48A) CMI	4. LOCATION: Site ST-26 (SWMU 48A)	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Mobile-B51 HAS	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: 2' split spoon sample	8. HOLE LOCATION: North end of UST excavation	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-18-08	11. DATE: 6-18-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 9', Refusal	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

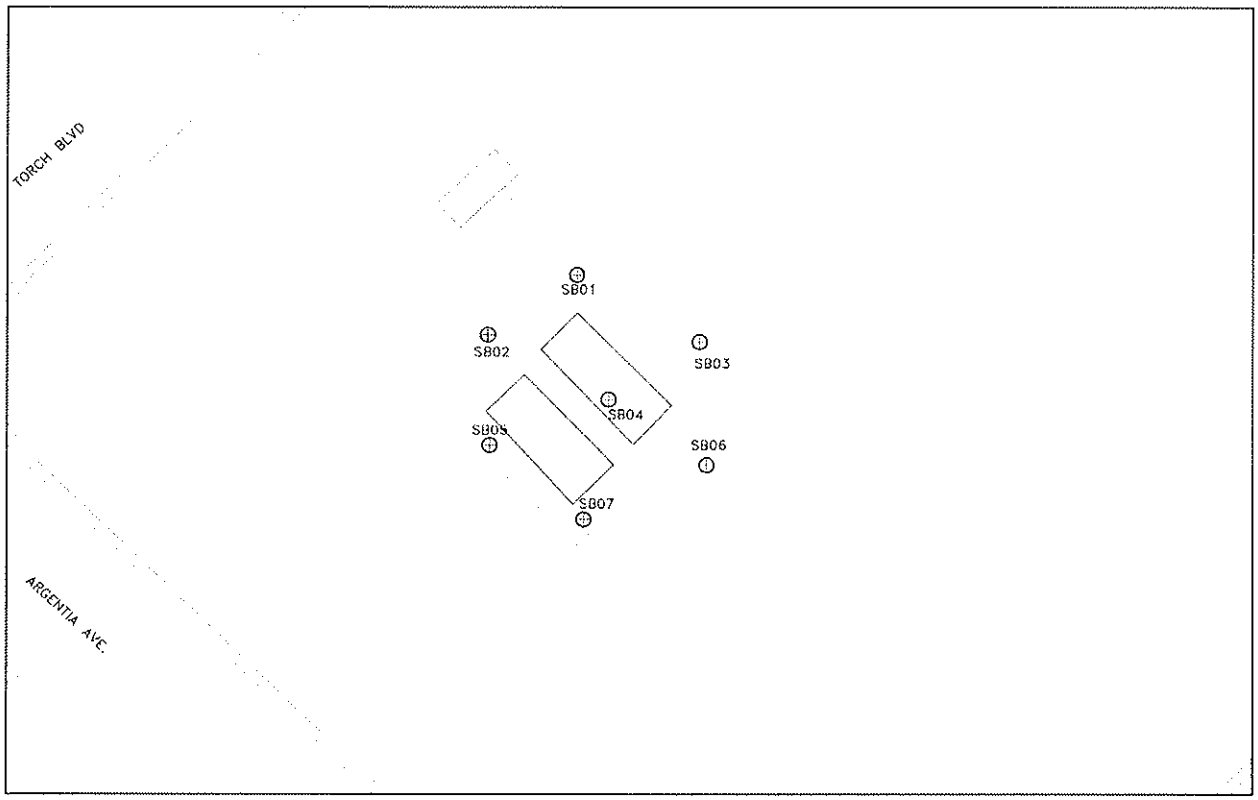
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOC	RCRA Metals	SVOCs	TPH	Pest/PCB	40 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Grout	Borehole		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB Site ST-26 (SWMU 48A) CMI	SB01

HTRW DRILLING LOG

HOLE NO: SB01

PROJECT: Cannon AFB AOC 26 CMI

INSPECTOR:

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 COUNTS g.	REMARKS h.
		Asphalt	0-2 ft HS = 0 ppm	NA		stiff 3.5	Recovery = 1 ft PID = 0 ppm
		Silty, sandy gravel (GM), loose, dry, light grey to tan, angular sand				NA	
	1.0	Sandy organic silt (MH), very stiff, dry, dark brown, medium to low plasticity, calcaneous nodules					
	2.0		2-4 ft HS = 0 ppm	NA			Recovery = 1 ft PID = 0 ppm
		Silty clay (CL), stiff, slightly moist, dark brown, moderate plasticity, some angular sand and gravel			50% rec		
	3.0					NA	
	4.0		4-6 ft HS = 0 ppm	NA			Recovery =0.8 ft PID = 0 ppm
	5.0	Silty clay (CL), stiff, moist, reddish brown, low plasticity uncemented nodules $CaCO_3$			C26-SB01-05 Time: 0800	NA	
	6.0		6-8 ft HS = 0 ppm	NA	35% rec		Recovery = 0.7 ft PID = 0 ppm
		Silty clay as above					
	7.0				C26-SB01-07 Time: 0830	NA	
	8.0	Silty clay as above. Very stiff	8-10 ft HS = 0 ppm	NA			Recovery = .5 ft PID = 0 ppm
	9.0	Auger refusal 9.0 ft td @ 9.0'					

HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB02
1. COMPANY NAME: URS	2. DRILLING: Peterson Drilling	SHEET 1 OF SHEETS 4
3. PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI	4. LOCATION: Site ST-26 (SWMU 48A)	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GEOPROBE, 4 ft continuous core	8. HOLE LOCATION: Northwest of UST excavation	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-19-08	11. DATE: 6-19-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 22.0' (Refusal)	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

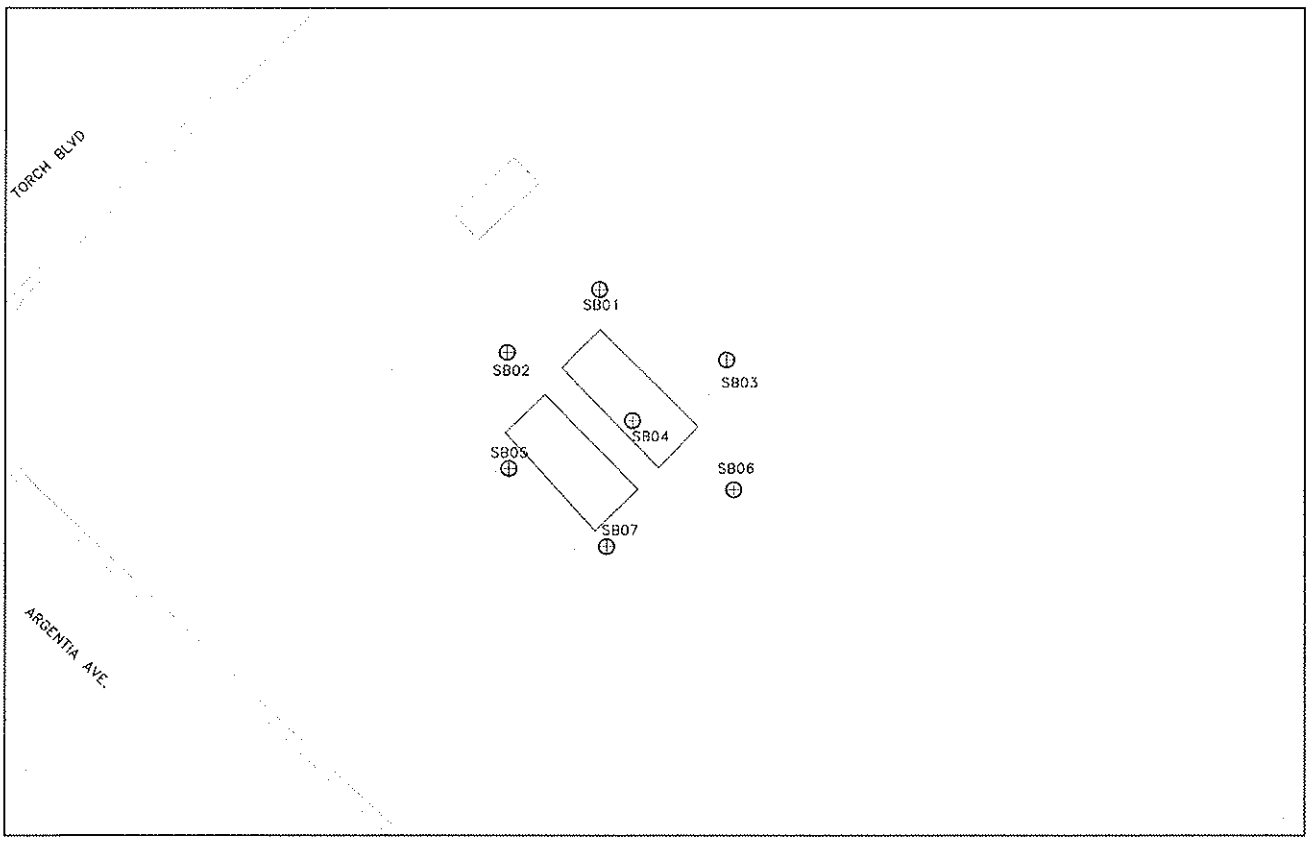
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOC	RCRA	SVOCs	TPH-DRO, GRO	Pest/PCB	90 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING	OTHER	23. SIGNATURE OF INSPECTOR
	GROUT	BOREHOLE		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB Site ST-26 (SWMU 48A) CMI	SB02

HTRW DRILLING LOG

HOLE NO. SB02

PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR:

SHEET 2 OF 4 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 COUNTS g.	REMARKS h.
		Asphalt	0-4 ft	NA		NA	PID = 0 ppm
		Sandy, silty gravel (GM), loose, dry, light grey to tan, angular sand, calcareous	HS = 0 ppm				
	1.0						
	2.0	Silty clay (CL), stiff, moist, dark brown, low plasticity, uncemented nodules $CaCO_3$					Recovery = 3.8 ft
	3.0	Silty clay (CL), stiff, moist, reddish brown, low plasticity, uncemented nodules $CaCO_3$					
	4.0		4-8 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4.0 ft
	5.0						
	6.0	Silty clay (CL), stiff, moist, reddish brown mottled tan, moderate plasticity, rounded calcaneous modules					
	7.0						
	8.0		8-12 ft HS = 0 ppm	NA	C26-SB02-08 Time: 1140	NA	PID = 0 ppm
	9.0						

HTRW DRILLING LOG

HOLE NO. SB02

PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR:

SHEET 3 OF 4 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 COUNTS e.	REMARKS h.
		Silty clay (CL), medium stiff, moist, light tan to gray, increasing silty and sand, low plasticity, sand very fine grained, lacaneous	8-12' ft (confd)	NA			Recovery = 3 ft
	11						
	12	Silt (ML), soft, dry, light brown to tan, very fine caliche sand, increasing sand	HS = 0 ppm	NA			Recovery = 3.4 ft PID = 0 ppm
	13						
	14						
	15						
	16	Silt (ML), as above	HS = 0 ppm	NA			
	17						Recovery = 4 ft PID = 0 ppm
	18						
	19						
	20						

HTRW DRILLING LOG

HOLE # SB02

PROJECT Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR

SHEET 4 OF 4 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 COUNTS g.	REMARKS h.
		Poorly sorted sand (SP), dry, light reddish brown, very fine grain, slightly silty, calcaneous	20-22 ft HS =0 ppm		C26 SB02- 20	NA	Recovery = 1.5 ft PID= 0 ppm
	21.0						
	22.0	Refusal BOH at 22 ft					
	23.0						
	24.0						
	25.0						
	26.0						
	27.0						
	28.0						
	29.0						

HTRW DRILLING LOG

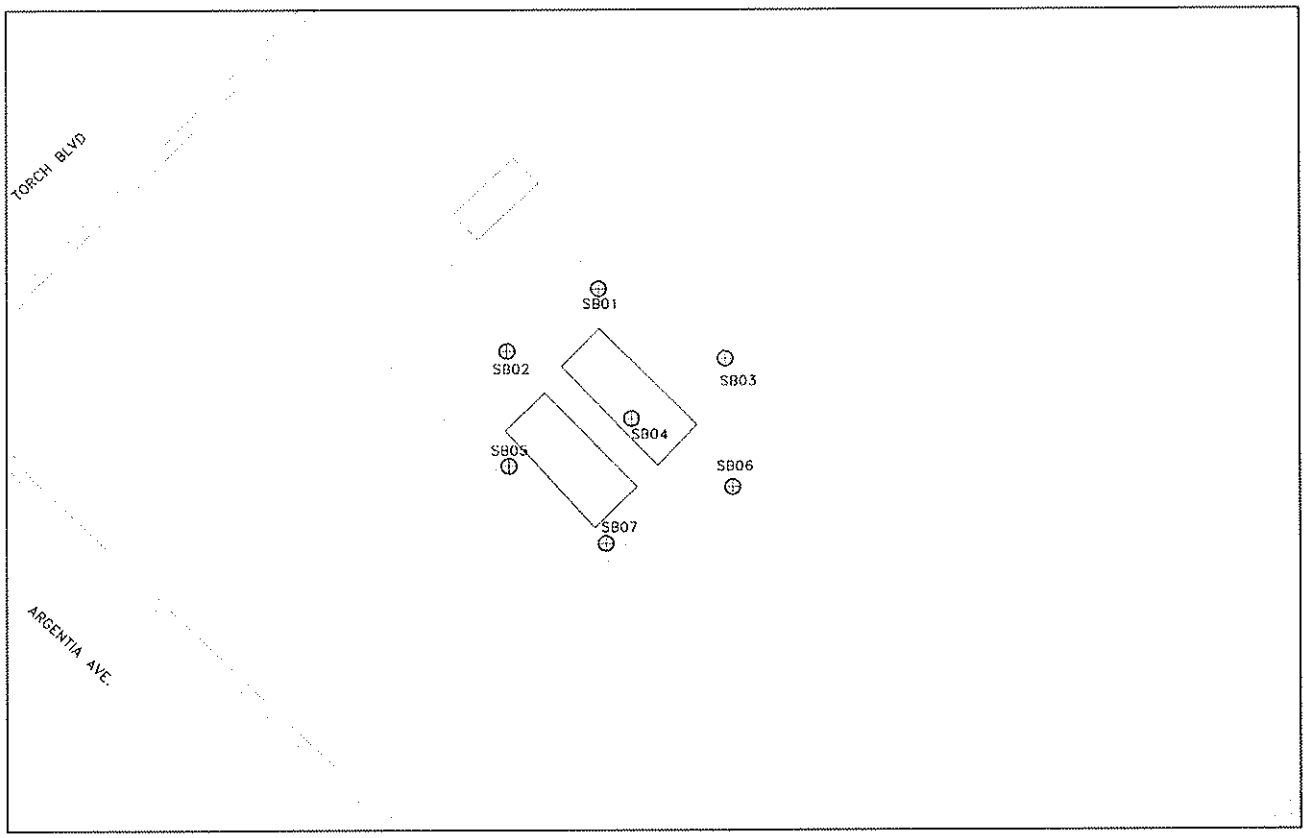
DISTRICT Omaha		HOLE NUMBER SB03
1. COMPANY NAME URS	2. DRILLING Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT Cannon AFB Site ST-26 (SWMU 48A) CMI	4 LOCATION Site ST-26 (SWMU 48A)	
5. NAME OF DRILLER	6. MANUFACTURE'S DESIGNATION OF DRILL Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT GEOPROBE 4 ft continuous core	8. HOLE LOCATION Northesast of UST excavation	
	9. SURFACE ELEVATION	
	10. DATE STARTED 6-18-08	11. DATE 6-18-08
12. OVERBURDEN THICKNESS NA	15. DEPTH GROUNDWATER ENCOUNTERED NA	
13. DEPTH DRILLED INTO ROCK NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA	
14. TOTAL DEPTH OF HOLE 18 ft Refusal	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOC	RCRA	SVOCs	TPH-DRO, GRO	Pest/PCB	93 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING	OTHER	23. SIGNATURE OF INSPECTOR
	GROUT	BOREHOLE		

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE
Cannon AFB Site ST-26 (SWMU 48A) CMI	SB03

HTRW DRILLING LOG

HOLE NO. SB03

PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR: Slb Wrightson

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 COUNTS g.	REMARKS h.
		Asphalt	0-4 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.3 ft
		Silty gravel (GM), light grey, angular, basefill for asphalt pavement					
	1.0	Clayey organic silt (MH), very stiff, dry, dark brown very stiff, homogeneous, low plasticity					
	2.0						
	3.0	Sandy silt (ML), medium stiff, dry, light grey, with concretions limey clay, sand fine to coarse grain sub rounded					
	4.0		4-8 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.6 ft
	5.0						
	6.0	As above - grading to thin zones caliche.					
	7.0						
		Silty poorly sorted sand (SP), loose, dry, light grey, with gravel size fragments of caliche ($CaCO_3$) cemented sand					
	8.0		8-12 ft HS = 0 ppm	NA	C26-SB03-08 Time: 1330	NA	PID = 0 ppm Recovery = 4 ft
	9.0						

HTRW DRILLING LOG

HOLE NO. SB03

PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR: Wrightson

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 COUNTS g.	REMARKS h.
	11	Silty poorly sorted sand (SP), loose, dry, light grey, with gravel sized fragments of caliche cemented sand.	HS = 0 ppm				Recovery = 4 ft PID = 0 ppm
	12 13 14 15	Sitly poorly sorted sand (SP), as above dry	12-16 ft HS = 0 ppm	NA			Recovery = 4.0 ft PID = 0 ppm
	16 17	Silty poorly sorted sand (SP), loose, dry, light grey, with gravel sized gragments of caliche cemented sand.	16-18 ft HS = 0 ppm	NA	C26-SB03-16 Time: 1400	NA	Recovery = 2 ft PID = 0 ppm
	18 19 20	Refusal @ 18' BOH @ 18'					

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HTRW DRILLING LOG

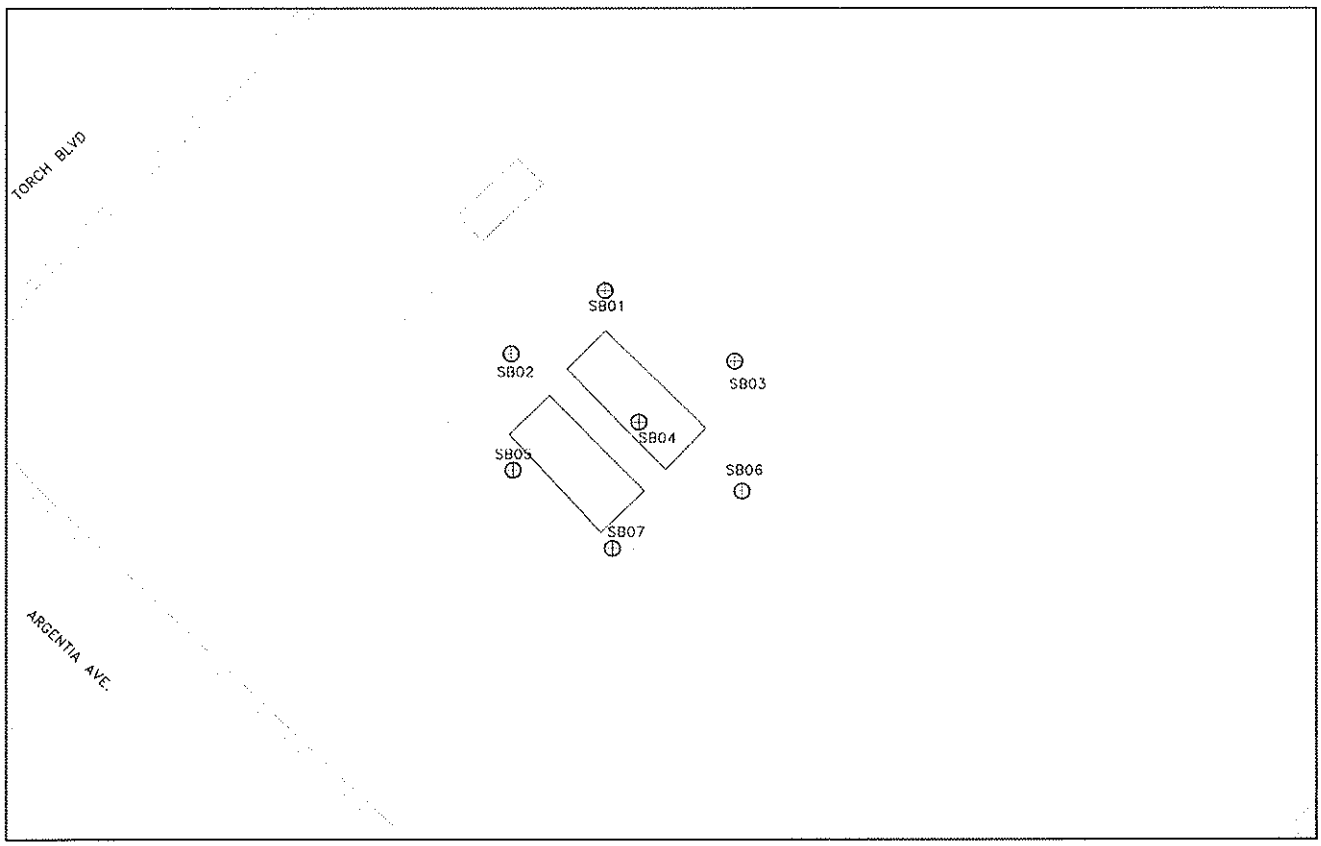
DISTRICT: Omaha		HOLE NUMBER: SB04
1. COMPANY NAME: URS	2. DRILLING: Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI	4. LOCATION: Site ST-26 (SWMU 48A)	
5. NAME OF DRILLER	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe, 4 ft continuous core	8. HOLE LOCATION: Center of UST excavation	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 6-18-08	11. DATE: 6-18-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 15 ft (Refusal)	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOC	RCRA	SVOCs	TPH-DRO, GRO	Pest/PCB	91 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING	OTHER	23. SIGNATURE OF INSPECTOR
	GROUT	BOREHOLE		

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE
Cannon AFB Site ST-26 (SWMU 48A) CMI	SB04

HTRW DRILLING LOG

HOLE NO: SB04

PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
		Asphalt Gravel- fill	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.2 ft
	1.0 2.0 3.0	Clayey silt (ML), very stiff, dry, brown to light grey, mottled, some sand					
	4.0 5.0 6.0 7.0	Clayey silt (ML), very stiff, reddish brown, homogeneous, low plasticity	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	8.0 9.0	Clayey silt (ML), stiff, dry, reddish brown to tan, some calcaneous modules	HS = 0 ppm	NA	C26-SB04-08 Time: 1635		PID = 0 ppm Recovery = 3.3 ft

HTRW DRILLING LOG

HOLE NO. SB04

PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR: SKIP WRIGHTSON

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 COUNTS g.	REMARKS h.
	11	Clayey silt as above		NA		NA	PID = 0 Recovery = 3.3 ft
	12		HS = 0 ppm	NA			Recovery = 3.1 ft PID = 0 ppm
		Silty sand (SM), dry, tan to buff, very fine grained sub angular, calcaneous - (caliche)					
	13				C26-SB04-13 Time: 1650		
	14						
		Refusal @ 15'					
	15	BOH = 15					
	16						
	17						
	18						
	19						
	20						

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HTRW DRILLING LOG

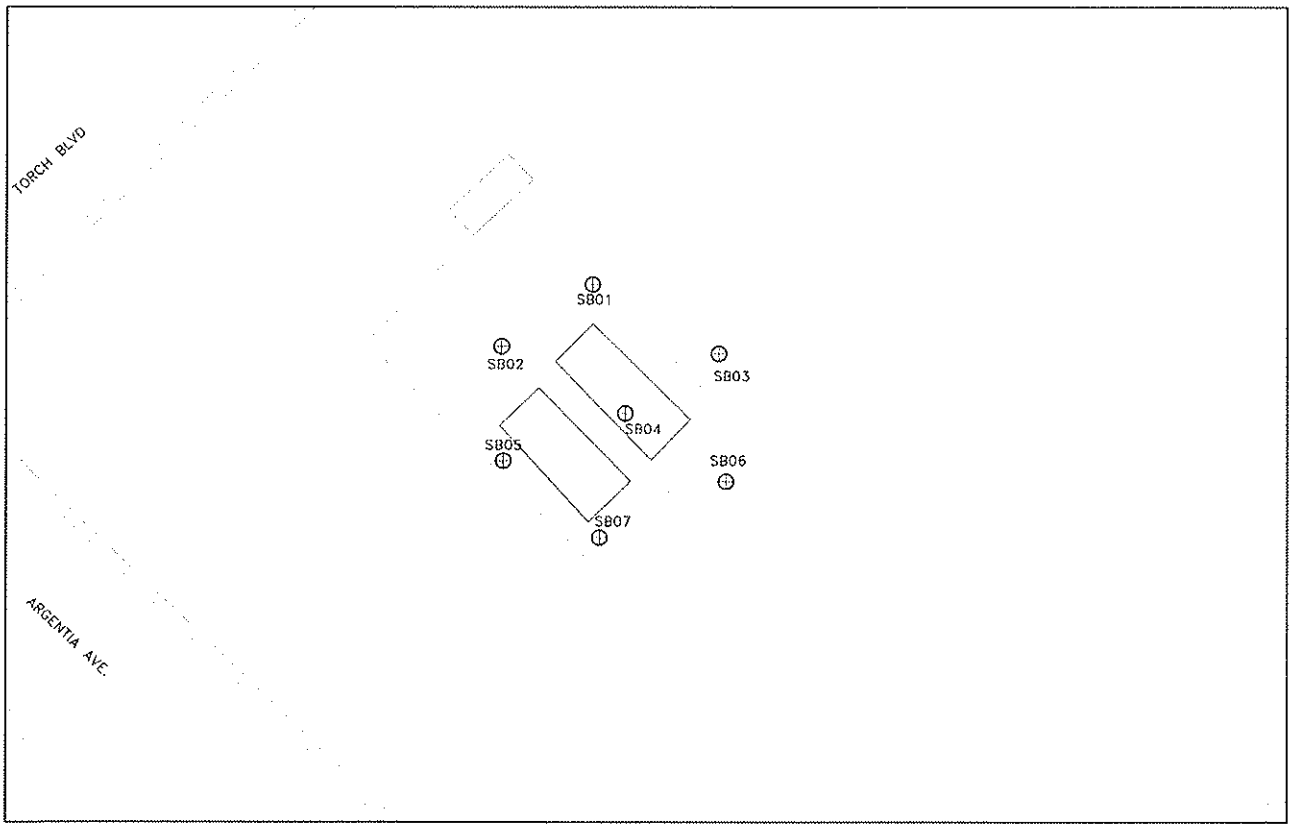
DISTRICT Omaha		HOLE NUMBER SB05
1. COMPANY NAME URS	2. DRILLING Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT Cannon AFB Site ST-26 (SWMU 48A) CMI	4. LOCATION Site ST-26 (SWMU 28A)	
5. NAME OF DRILLER	6. MANUFACTURE'S DESIGNATION OF DRILL Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe 4 ft continuous core	8. HOLE LOCATION West of UST excavation	
	9. SURFACE ELEVATION	
	10. DATE STARTED 6-18-08	11. DATE 6-18-08
12. OVERBURDEN THICKNESS NA	15. DEPTH GROUNDWATER ENCOUNTERED NA	
13. DEPTH DRILLED INTO ROCK NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA	
14. TOTAL DEPTH OF HOLE 20 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOC	TAL	SVOCs	TPH-DRO, GRO	Pest/PCB	94 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING	OTHER	23. SIGNATURE OF INSPECTOR
	GROUT	BOREHOLE		

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE
Cannon AFB Site ST-26 (SWMU 48A) CMI	SB05

HTRW DRILLING LOG

HOLE NO. SB05

PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
		Asphalt Sandy silty gravel (GM), loose, dry, light grey to tan, angular sand, base fill for asphalt	0-4 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	1.0	Clayey silt (ML), very stiff, dry, dark brown, homogenous, low plasticity					
	2.0				C25-SB05-02 Time: 1420		
	3.0	Silt (ML), stiff, dry, light grey mottled red, low plasticity					
	4.0		4-8 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	5.0						
	6.0						
	7.0						
		Sandy silt (ML), stiff, dry, reddish brown, sand very fine grained					
	8.0		8-12 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.5 ft
	9.0	Sandy silt (ML), as above					

HTRW DRILLING LOG

HOLE NO. SB05

PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR: SKIP WRIGHTSON

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 COUNTS g.	REMARKS h.
		Sand silt (ML), stiff, dry, light brown, low plasticity, very fine grained sand		NA		NA	Recovery = 3.5 ft
	11						
	12		12-16 ft HS = 0 ppm				PID = 0 ppm Recovery = 3.3 ft
	13	Sandy silt (ML), as above		NA		NA	
	14						
	15						
		2" lens of dark brown clayey silt					
	16	Sandy silt (ML), dry, light brown. Grading to silty poorly sorted sand (SP), dry, very fine grained sand	16-20 ft HS = 0 ppm			NA	PID = 0 Recovery = 4 ft
	17						
	18				C26-SB05-18 Time: 1500		
	19	Caliche. Light grey calcaneous sand					
	20	Refusal @ 20'					

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HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB06
1. COMPANY NAME: URS	2. DRILLING: Peterson Drilling	SHEET 1 OF SHEETS 2
3. PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI	4. LOCATION: Site ST-26 (SWMU 48A)	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe, 4 ft continuous core	8. HOLE LOCATION: Southeast of UST excavation	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-18-08	11. DATE: 6-18-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 10' (REFUSAL)	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

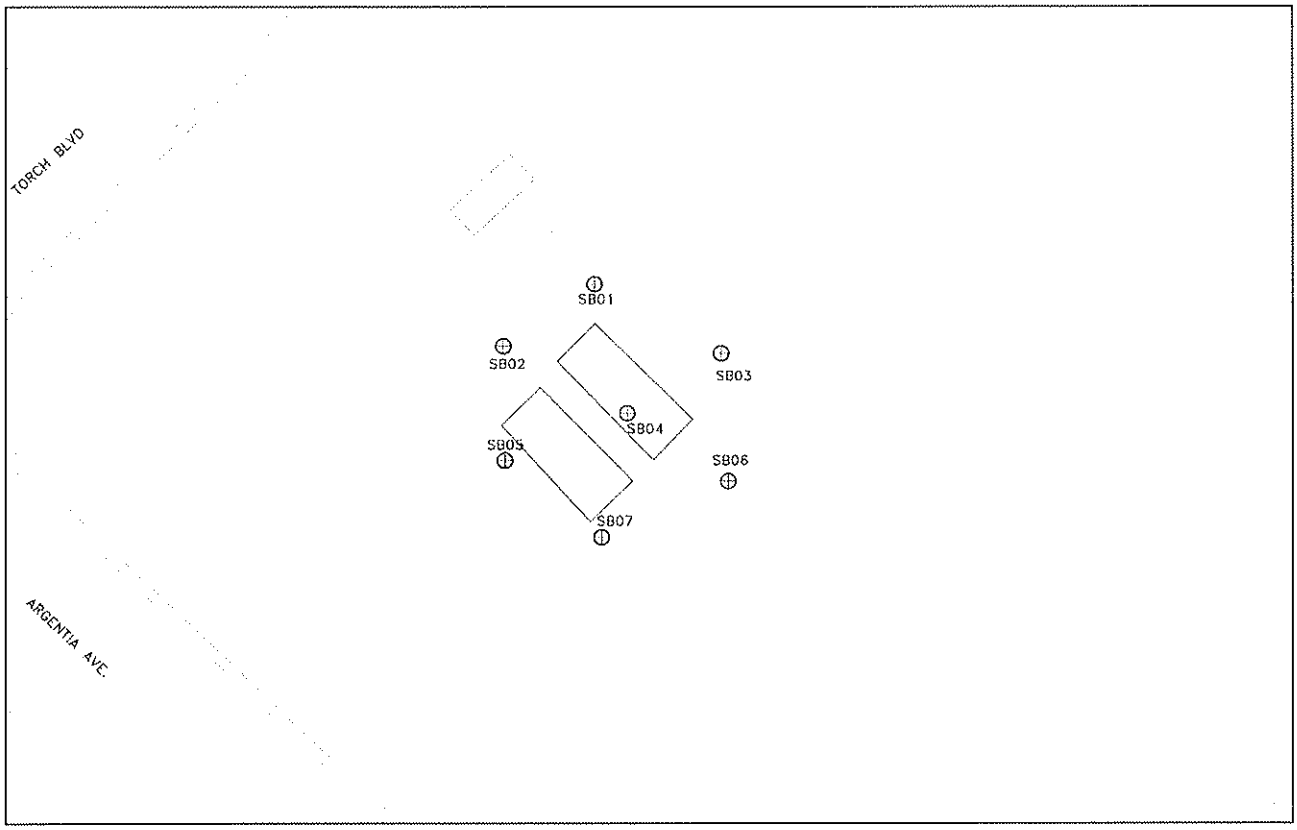
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOC	RCRA	SVOCs	TPH-DRO, GRO	Pest/PCB	82 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING	OTHER	23. SIGNATURE OF INSPECTOR
P	GROUT	BOREHOLE		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB Site ST-26 (SWMU 48A) CMI	SB06

HTRW DRILLING LOG

HOLE NO: SB06

PROJECT: Cannon AFB Site ST-26 (SWMU 48A) CMI

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
		Asphalt Gravel (GP), light grey, base for asphalt Clayey silt (ML), very stiff, dry, dark brown, homogeneous, low plasticity	0-4 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 2.9 ft
	1.0						
	2.0						
	3.0						
		Very clayey silt (ML), stiff, moist, tan to light grey, homogeneous, moderate plasticity					
	4.0		4-8 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.3 ft
	5.0						
	6.0						
		Sandy silty gravel (GM), dry, light grey, gravel medium fragments, calcaneous cemented sand (caliche)			C26-SB06-08 Time: 1530		
	7.0						
	8.0		8-12 ft HS = 0 ppm	NA	C26-SB06-10 Time: 1545	NA	PID = 0 ppm Recovery = 2.0 ft
	9.0						
	10	BOH @ 10'					

HTRW DRILLING LOG

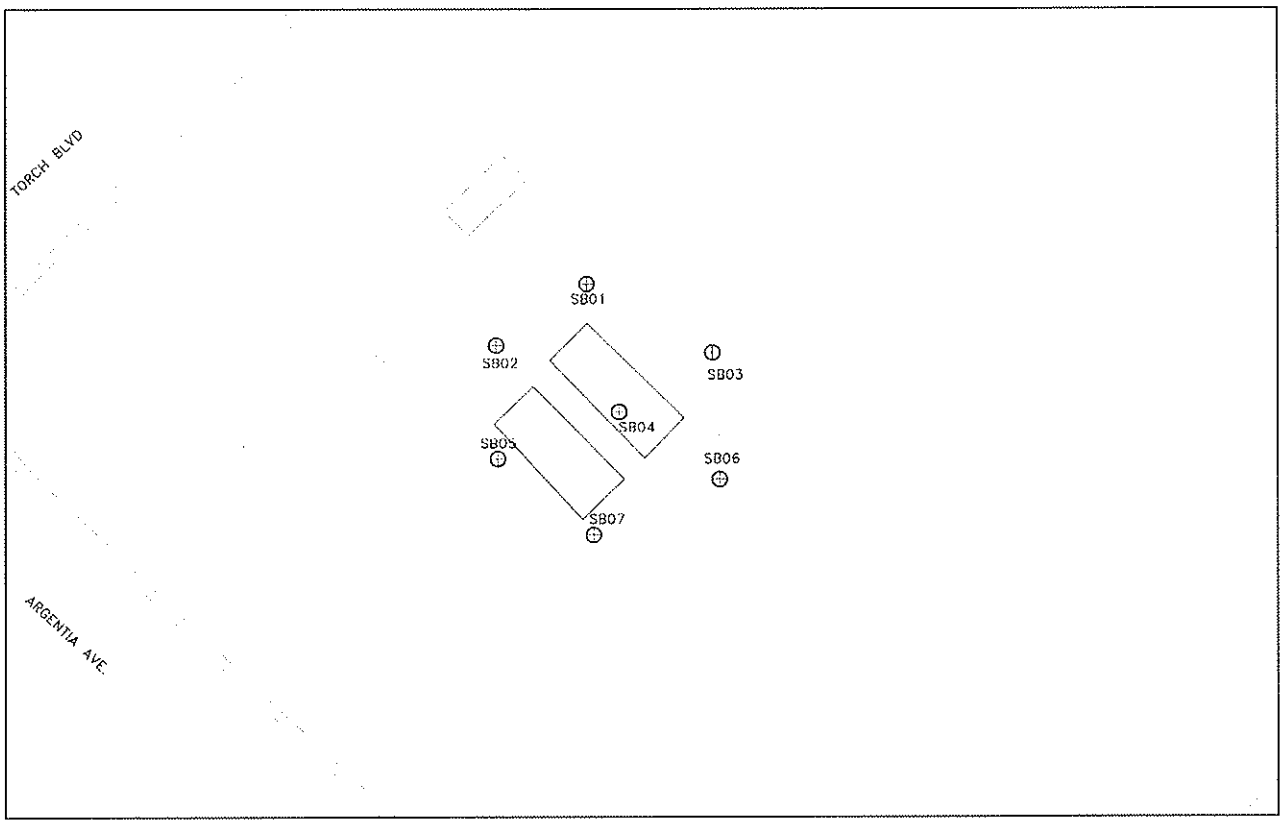
DISTRICT: Omaha		HOLE NUMBER: SB07
1. COMPANY NAME: URS	2. DRILLING: Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT: Cannon AFB Site ST-26 (SWMU 48A)	4. LOCATION: Site ST-26 (SWMU 48A)	
5. NAME OF DRILLER	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: Geoprobe, 4 ft continuous core	8. HOLE LOCATION: South of UST excavation	
	9. SURFACE ELEVATION	
	10. DATE STARTED: 6-18-08	11. DATE: 6-18-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 15' (REFUSAL)	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOC	RCRA	SVOCs	TPH-DRO, GRO	Pest/PCB	88 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING	OTHER	23. SIGNATURE OF INSPECTOR
	GROUT	BOREHOLE		

LOCATION SKETCH/COMMENTS SCALE:



PROJECT	HOLE
Cannon AFB Site ST-26 (SWMU 48A)	SB07

HTRW DRILLING LOG

HOLE NO: SB07

PROJECT: Cannon AFB Site ST-26 (SWMU 48A)

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
		Asphalt Gravel (GP), light grey, base for asphalt Clayey silt (ML), very stiff, dry, dark brown, homogeneous,low plasticity	0-4 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.2 ft
	1.0						
	2.0						
	3.0						
	4.0	Very clayey Silt (ML), stiff, moist, tan to light grey, homogeneous, moderate plasticity	4-8 ft HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.6 ft
	5.0						
	6.0						
					C26-SB07-06 Time: 1600		
	7.0						
			8-12 ft				
	8.0	Sandy silty gravel (GM), dry, lt grey, with clayey calcareous nodules, increasing sand, moderate plasticity	HS = 0 ppm	NA		NA	PID=0ppm RECOVERY 4.0'
	9.0						
	10						

HTRW DRILLING LOG

HOLE NO: SB07

PROJECT: Cannon AFB Site ST-26 (SWMU 48A)

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
		Sandy silt (ML), dry, light grey - reddish brown, with clayey calcaneous nodules, increasing sand, moderate plasticity	8-12 ft HS = 0 ppm				PID = 0 ppm Recovery 4'
	11						
	12		12-15 ft		C26-SB07-12 Time: 1620	NA	PID = 0 ppm Recovery = 2.4 ft
	13	Silty sand (SM), fine grained - with dense caliche nodules					
	14						
		Refusal @ 15' T.D. @ 15'					
	15						
	16						
	17						
	18						
	19						
	20						

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HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB01
1. COMPANY NAME: URS	2. DRILLING SUBCONTRACTOR: Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT: Cannon AFB AOC 36 CMI	4. LOCATION: AOC 36	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GEOPROBE, 4 ft continuous core	8. HOLE LOCATION: North edge of site	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-19-08	11. DATE: 6-19-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 20 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

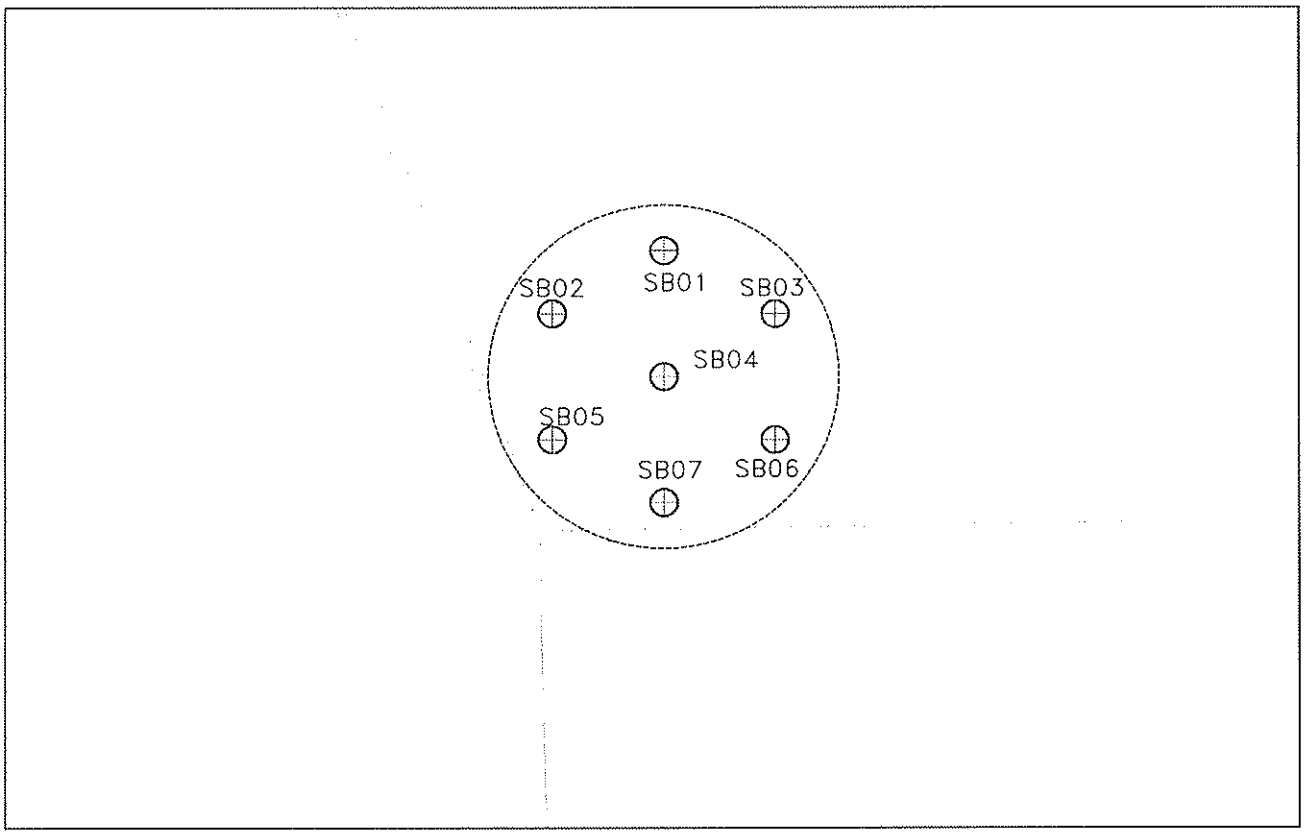
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOCs	RCRA Metals	SVOCs	Pest./PCBs	TPH-GRO, DRO	95 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Grout	Borehole		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB AOC 36 CMI	SB01

HTRW DRILLING LOG

HOLE NO: SB01

PROJECT: Cannon AFB Site AOC 36 CMI

INSPECTOR: Skip Wrighton

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 COUNTS g.	REMARKS h.
		Clayey organic silt (MH), very stiff, dry, reddish brown, homogenous, low plasticity	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3 ft
	1.0						
	2.0						
	3.0						
		Sandy organic silt (MH), stiff, dry, light reddish brown to tan, homogenous					
	4.0		HS = 0 ppm	NA		NA	PID = 0 Recovery = 4ft
	5.0						
	6.0	Clayey silt (ML), but otherwise as above					
	7.0						
	8.0	Clayey organic Silt (MH), stiff, dry, light reddish brown to tan, homogenous, moderate plasticity	HS = 0 ppm	NA	C36-SB01-08 Time: 0900	NA	PID = 0 ppm Recovery = 4 ft
	9.0						

HTRW DRILLING LOG

HOLE NO: SB01

PROJECT: Cannon AFB Site AOC 36 CMI

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
	11	Clayey organic silt (MH), stiff, light reddish brown to tan, homogenous, moderate plasticity	NA				PID = 0 ppm Recovery = 4 ft
	12	Sandy silt (ML), soft, dry, light reddish to tan, very fine grained poorly sorted sand	HS = 0 ppm NA				PID = 0 ppm Recovery = 4 ft
	13						
	14	Grainy to silty poorly sorted sand (SP), moderately dense, light brown to tan, very fine grained					
	15						
	16		HS = 0 ppm NA				PID = 0 ppm Recovery = 4 ft
	17	Silty poorly sorted sand (SP), as above					
	18					C36-SD01-018 Time: 0930	
	19						
	20	BOH @ 20'					

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HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB02
1. COMPANY NAME: URS	2. DRILLING SUBCONTRACTOR: Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT: Cannon AFB AOC 36 CMI	4. LOCATION: AOC 36	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GEOPROBE, 4 ft continuous core	8. HOLE LOCATION: Northwest edge of site	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-19-08	11. DATE: 6-19-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: NA	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

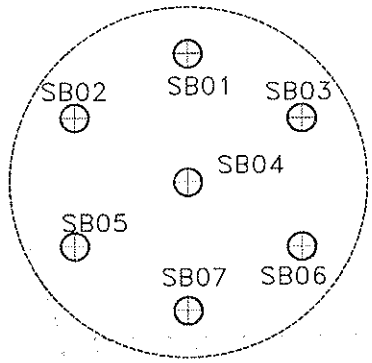
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOCs	RCRA Metals	SVOCs	Pest./PCBs	TPH-GRO, DRO	86 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Grout	Borehole		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB AOC 36 CMI	SB02

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

HTRW DRILLING LOG

HOLE NO. SB02

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR: Skip Wrighton

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 COUNTS g.	REMARKS h.
		Gravel (GP), loose, medium, well rounded	HS = 0 ppm	NA		NA	PID = 0 ppm
		Organic silt (MH), soft, reddish brown, low plasticity, scattered sand (medium grains), well rounded					Recovery = 2.8 ft
	1.0						
	2.0						
	3.0						
	4.0	Sandy silt (MH), moderately stiff, dry, light reddish brown to tan, homogenous low plasticity, sand is very fine grained, calcareous nodules (caliche) mottled	HS = 0 ppm	NA	C36-SB02-04 Time: 1000	NA	PID = 0 ppm Recovery = 2.3 ft
	5.0						
	6.0						
	7.0						
	8.0		HS = 0 ppm	NA			PID = 0 ppm
		Clayey silt (ML), dry, tan to light brown, homogenous, moderate to low plasticity					Recovery = 4 ft
	9.0						

HTRW DRILLING LOG

HOLE NO. SB02

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
	11	Sandy silt (ML), soft, dry, light reddish to tan, sand very fine grained, poorly sorted	NA	NA		NA	PID = 0 ppm Recovery = 4 ft
	12	Grainy to silty poorly sorted sand (SP), moderately dense, light brown to tan, very fine grained	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	13						
	14						
	15						
	16	Grading to silty poorly sorted sand (SP), moderately dense, dry, light brown to tan	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	17						
	18				C36-SB02-18 Time: 1015		
	19						
	20	BOH @ 20'					

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HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB03
1. COMPANY NAME: URS	2. DRILLING SUBCONTRACTOR: Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT: Cannon AFB AOC 36 CMI	4. LOCATION: AOC 36	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GEOPROBE, 4ft continuous core	8. HOLE LOCATION: Northeast edge of AOC 36	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-19-08	11. DATE: 6-19-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 20 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

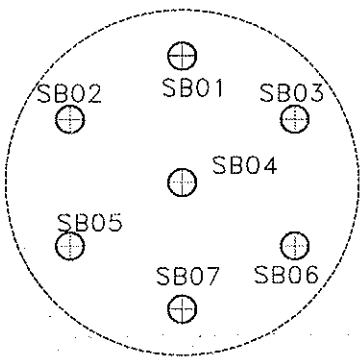
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOCs	RCRA Metals	SVOCs	Pest./PCBs	TPH-GRO, DRO	95 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Grout	Borehole		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB AOC 36 CMI	SB03

HTRW DRILLING LOG

HOLE NO: SB03

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR:

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 COUNTS g.	REMARKS h.
	1.0 2.0 3.0	Organic silt (MH), stiff, moist, light reddish brown, homogenous	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery 2.9 ft
	4.0 5.0 6.0 7.0	Organic silt (MH), very stiff, moist, light reddish brown to tan Increasing sand, very fine grained	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	8.0 9.0	Silt (ML), very stiff, moist, light reddish brown to tan, mottled, some sand	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft

HTRW DRILLING LOG

HOLE NO. SB03

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
		Silt (ML), light reddish brown to tan, mottled, damp, very stiff, some sand	HS = 0 ppm		C36-SB03-10 Time: 1035		PID = 0 ppm Recovery = 4 ft
	11						
	12	Caliche, hard, dry, light reddish brown to tan	HS = 0 ppm	NA		NA	PID = 0 ppm
		Sandy silt (ML), stiff, moist, light reddish brown to tan, verry fine grained					
	13						Recovery = 4 ft
	14						
	15						
	16	Caliche, hard, dry, light reddish brown, mottled	HS = 0 ppm	NA		NA	PID = 0 ppm
		Sandy silt (ML), stiff to very stiff, moist, light reddish brown, sand very fine grained					
	17						Recovery = 4 ft
	18				C36-SB03-18 Time: 1050		
		Grading to silty poorly graded sand (SP), dry, light reddish brown, dry					
	19						
	20	BOH @ 20'					

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HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB04
1. COMPANY NAME: URS	2. DRILLING SUBCONTRACTOR: Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT: Cannon AFB AOC 36 CMI	4. LOCATION: AOC 36	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GEOPROBE, 4 ft continuous core	8. HOLE LOCATION: Center of AOC	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-19-08	11. DATE: 6-19-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 20 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

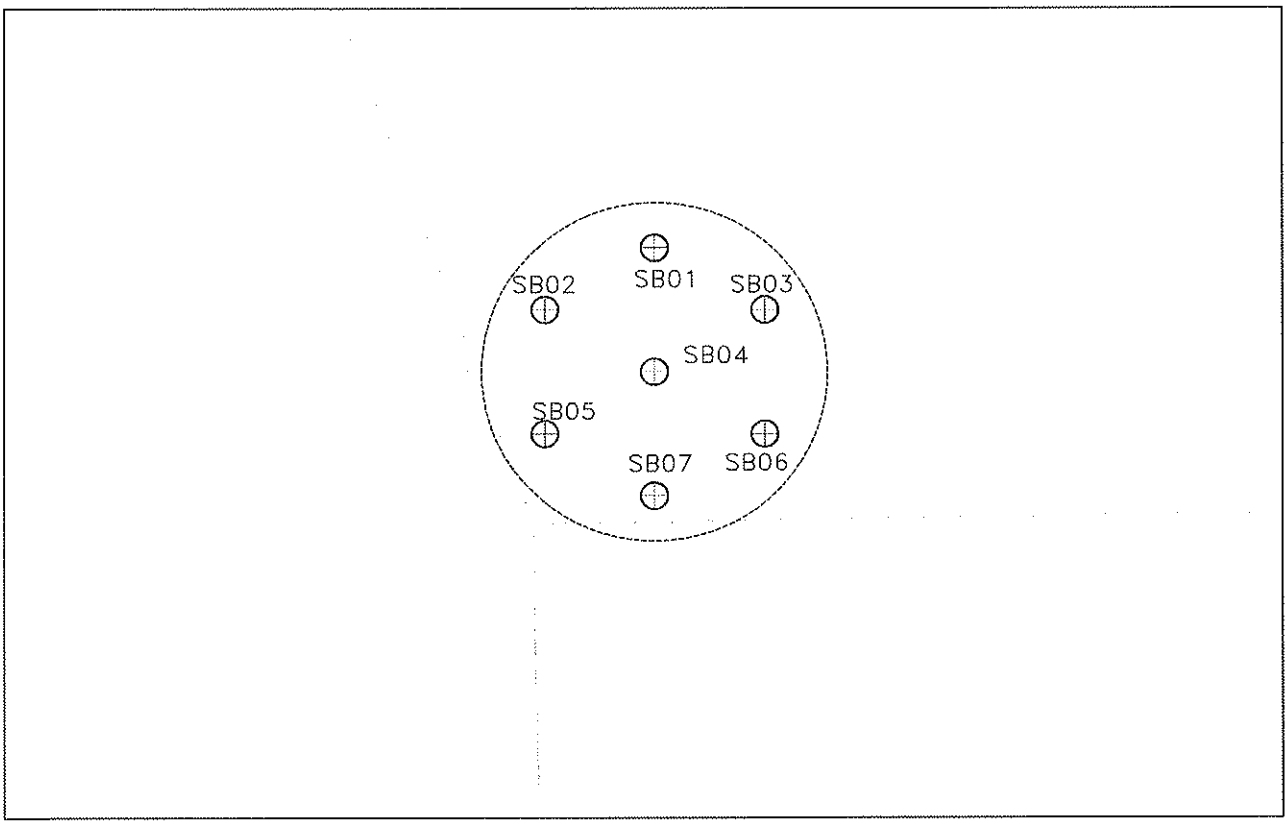
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOCs	RCRA Metals	SVOCs	Pest./PCBs	TPH-GRO, DRO	91 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Grout	Borehole		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB AOC 36 CMI	SB04

HTRW DRILLING LOG

HOLE NO: SB04

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR:

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 COUNTS g.	REMARKS h.
		Gravel (GP) - vegetation	HS = 0 ppm	NA		NA	PID = 0 ppm
		Silt (ML), very stiff, dry, dark brown, some clay, homogenous					Recovery = 3 ft
	1.0						
	2.0	Silt (ML), stiff					
	3.0						
	4.0	Silt (ML), stiff, moist, reddish tan, slightly mottled (calcareous), low plasticity	HS = 0 ppm	NA	C36-SB04-04 Time: 1110	NA	PID = 0 ppm Recovery = 3.2 ft
	5.0						
	6.0						
	7.0						
	8.0	Silt (ML), stiff to very stiff, dry, reddish brown, interspersed caliche zones	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	9.0						

HTRW DRILLING LOG

HOLE NO. SB04

PROJECT: Cannon AFB Site AOC 36

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
	11	Silt (ML), stiff to very stiff, dry, light reddish brown, interspersed caliche zones.	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	12	grading to	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	13	Sandy silt (ML), stiff, moist, light reddish brown to tan, sand very fine grained					
	14				C36-SB04-14 Time: 1140		
	15						
	16	Caliche, hard, reddish brown, silty with calceneous mottling and caliche modules	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	17	Sandy silt (ML), stiff, moist, reddish brown, with interbedded sand zones, very fine grained, loose, some calcaneous nodules					
	18						
	19						
	20	BOH @ 20'					

PROJECT: Cannon AFB AOC 36 CMI

HOLE NO. SB04

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HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB05
1. COMPANY NAME: URS	2. DRILLING SUBCONTRACTOR: Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT: Cannon AFB AOC 36 CMI	4. LOCATION: AOC 36	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GEOPROBE, 4 ft continuous core	8. HOLE LOCATION: Southwest edge of site	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-19-08	11. DATE: 6-19-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 20 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

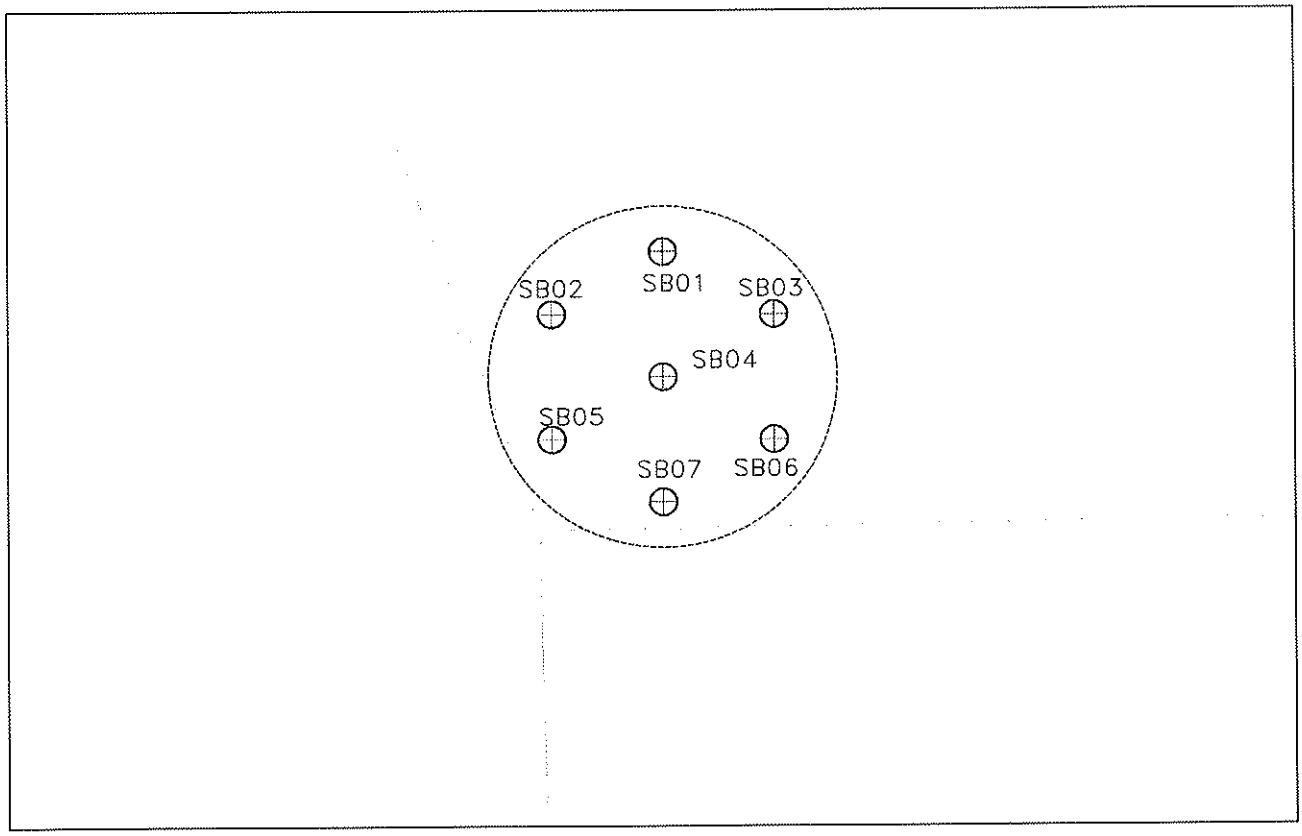
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOCs	RCRA Metals	SVOCs	Pest./PCBs	TPH-GRO, DRO	90 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Grout	Borehole		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB AOC 36 CMI	SB05

ENG FORM 5056-R, AUG 94

(Proponent: CECW-EG)

HTRW DRILLING LOG

HOLE NO: SB05

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR:

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 COUNTS g.	REMARKS h.
		Gravel (GP), fill, vegetation	HS = 0 ppm	NA		NA	PID = 0 ppm
		Silt (ML), stiff, slightly moist, dark reddish brown, some sand, medium grained, well rounded, low plasticity					Recovery = 2.9 ft
	1.0						
	2.0	Silt (ML), stiff					
	3.0						
	4.0	Silt (ML), dry, light reddish brown to tan and light grey mottled, calcareous	HS = 0 ppm	NA	C36-SB05-04 Time: 1210	NA	PID = 0 ppm Recovery = 4 ft
	5.0						
	6.0						
	7.0						
	8.0		HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	9.0	Silt (ML), light reddish brown to tan and light grey, becoming sandy					

HTRW DRILLING LOG

HOLE NO. SB05

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
		Silt (ML), light reddish brown to tan and light grey, becoming sandy	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	11						
	12		HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	13	Silt (ML), light reddish brown to tan, increasing sand					
	14						
	15						
	16	Sandy silt (ML), light reddish brown to tan, sand very fine grained, poorly graded.	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	17						
	18	Sandy silt (ML), stiff, moist, reddish brown, sand very fine grained, poorly graded			C36-SB05-18 Time: 1225		
	19						
	20	BOH @ 20'					

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HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB06
1. COMPANY NAME: URS	2. DRILLING SUBCONTRACTOR: Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT: Cannon AFB AOC 36 CMI	4. LOCATION: AOC 36	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GEOPROBE, 4 ft continuous core	8. HOLE LOCATION: Southeast edge of site	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-19-08	11. DATE: 6-19-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 20 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

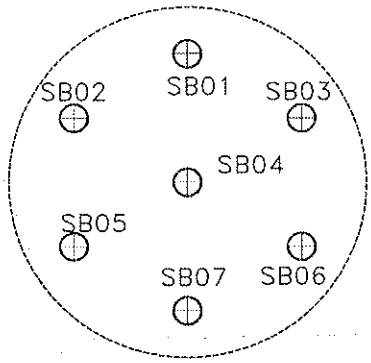
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOCs	RCRA Metals	SVOCs	Pest./PCBs	TPH-GRO, DRO	92 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Grout	Borehole		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB AOC 36 CMI	SB06

HTRW DRILLING LOG

HOLE NO: SB06

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR:

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 COUNTS g.	REMARKS h.
		Silt (ML), very stiff, moist, dark brown, gravely in top 6"	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 2.9 ft
	1.0						
		Silt (ML), very stiff, moist, dark reddish brown, homogenous.					
	2.0						
	3.0						
	4.0	Silt (ML), stiff, slightly moist, light reddish brown to tan mottled, some calcareous concentraions	HS = 0 ppm	NA	C36-SB06-04 Time: 1240	NA	PID = 0 ppm Recovery = 4 ft
	5.0						
	6.0						
	7.0						
	8.0		HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.4 ft
		Silt (ML), very stiff, dry, light to reddish brown, slightly cemented (calcareous)					
	9.0						

HTRW DRILLING LOG

HOLE NO. SB06

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
	11	Silt (ML), very stiff, dry, light tan to reddish brown, slightly cemented (calcareous)	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.4 ft
	12	Caliche layer, dry, thin silty layer hard					
		Silt (ML), stiff, reddish brown, sandy, some calcneous nodles	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	13						
	14	increasing sand					
	15	Sandy silt (ML), stiff, dry, reddish brown, sand very fine grained poorly graded					
	16		HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	17						
		sandy silt (ML) reddish brown - stiff. Sand very fine grained poorly graded					
	18				C36-SB05-18 Time: 1255		
	19						
	20	BOH @ 20'					

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HTRW DRILLING LOG

DISTRICT: Omaha		HOLE NUMBER: SB07
1. COMPANY NAME: URS	2. DRILLING SUBCONTRACTOR: Peterson Drilling	SHEET 1 OF SHEETS 3
3. PROJECT: Cannon AFB AOC 36 CMI	4. LOCATION: AOC 36	
5. NAME OF DRILLER:	6. MANUFACTURE'S DESIGNATION OF DRILL: Geoprobe	
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT: GEOPROBE, 4 ft continuous core	8. HOLE LOCATION: South edge of site	
	9. SURFACE ELEVATION:	
	10. DATE STARTED: 6-19-08	11. DATE: 6-19-08
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 20 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

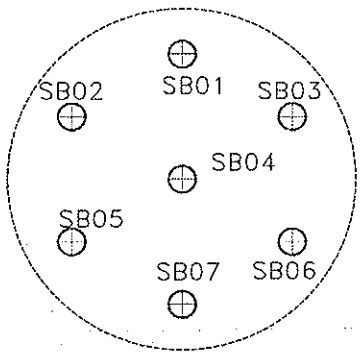
18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
	NA	NA	NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
	VOCs	RCRA Metals	SVOCs	Pest./PCBs	TPH-GRO, DRO	94 %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
	Grout	Borehole		

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT	HOLE
Cannon AFB AOC 36 CMI	SB07

HTRW DRILLING LOG

HOLE NO: SB07

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR:

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 COUNTS g.	REMARKS h.
		Gravel (GP), fill	HS = 0 ppm	NA		NA	PID = 0 ppm
		Silt (ML), very stiff, moist, dark brown, gravely in upper 6"					Recovery = 3.5 ft
	1.0						
		Silt (ML), very stiff, moist, dark reddish brown, homogenous.					
	2.0						
		Silt (ML), very stiff, moist, dark reddish brown, homogenous					
	3.0						
	4.0	Silt (ML), stiff, slightly moist, light reddish brown to tan mottled, some calcareous concentraions	HS = 0 ppm	NA	C36-SB06-04 Time: 1240	NA	PID = 0 ppm Recovery = 3.6 ft
	5.0						
	6.0						
	7.0						
	8.0		HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
		Silt (ML), very stiff, dry, light to reddish brown, slightly cemented (calcareous)					
	9.0						

HTRW DRILLING LOG

HOLE NO. SB07

PROJECT: Cannon AFB AOC 36 CMI

INSPECTOR: Skip Wrightson

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 COUNTS g.	REMARKS h.
		Silt (ML), very stiff, dry, light to reddish brown, partially cemented ($CaCO_3$)	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	11	Increasing sand					
	12	Sandy silt (ML), stiff, reddish brown, sandy partially cemented ($CaCO_3$)	HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 3.7 ft
	13						
	14	Increasing sand					
	15	Sandy silt (ML), stiff, dry, reddish brown, sand very fine grainedm poorly graded					
	16		HS = 0 ppm	NA		NA	PID = 0 ppm Recovery = 4 ft
	17						
	18	Sandy silt (ML), stiff, dry, reddish brown to tan, sand very fine grained poorly graded			C36-SB07-18 Time: 1330		
	19						
	20	BOH @ 20'					

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A.2 Sample Collection Field Sheets

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SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB01-05** BORING NO.

DATE/TIME COLLECTED: 6/19/08 0820 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 5-7** S. Wrightson

SAMPLE MEDIA:	SOIL	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 5-7 DESCRIPTION: **Silty clay (CL), reddish brown, damp**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB01-07** BORING NO. **SB01**

DATE/TIME COLLECTED: 6/19/08 0830 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 7-9** S. Wrightson

SAMPLE MEDIA:	SOIL	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 7-9 DESCRIPTION: **Silty clay (CL), reddish brown, damp**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB02-08** BORING NO. **SB02**

DATE/TIME COLLECTED: 6/18/08 1140 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 8-10** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 8-10 DESCRIPTION: **Silty clay (CL), reddish brown, moist**

GENERAL COMMENTS

No visible features of concern

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB02-20** BORING NO. **SB02**

DATE/TIME COLLECTED: 6/18/08 1240 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 20-22** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals
		Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 20-22 DESCRIPTION: **Sand (SP), reddish brown, dry**

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB03-08** BORING NO. **SB03**

DATE/TIME COLLECTED: 6/18/08 1330 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 8-10** S. Wrightson

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES **NO** DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH - GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH - GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals
		Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 8-10 DESCRIPTION: **Silty sand (SP), light grey, dry**

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB03-16** BORING NO. **SB03**

DATE/TIME COLLECTED: 6/18/08 1400 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 16-18** S. Wrightson

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES **NO** DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 8-10 DESCRIPTION: **Silty sand (SP), light gray, dry**

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB04-08** BORING NO. **SB04**

DATE/TIME COLLECTED: 6/18/08 1635 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 8-10** S. Wrightson

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES **NO** DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH DRO Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 8-10 DESCRIPTION: **Clayey silt (ML), reddish brown, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB04-13** BORING NO. **SB04**

DATE/TIME COLLECTED: 6/18/08 1650 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 13-15** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH DRO Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 13-15 DESCRIPTION: **Silty sand (SM), tan to buff, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB05-02** BORING NO. **SB05**

DATE/TIME COLLECTED: 6/19/08 1400 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 8-10** S. Wrightson

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES **NO** DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals
		Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 16-18 DESCRIPTION: **Silty sand (SP), light grey, dry**

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB05-18** BORING NO. **SB05**

DATE/TIME COLLECTED: 6/18/08 1500 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab18-20** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH DRO Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 18-20 DESCRIPTION: **Sandy silt (ML), light brown, dry**

GENERAL COMMENTS

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB06-06** BORING NO. **SB06**

DATE/TIME COLLECTED: 6/18/08 1530 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 6-8** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO Metals, Peticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 6-8 DESCRIPTION: **Gravel (GM), light grey, dry**

GENERAL COMMENTS

This sample was collected from 6-8 feet bgs

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB06-10** BORING NO. **SB06**

DATE/TIME COLLECTED: 6/18/08 1545 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 6-8** S. Wrightson

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES **NO** DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO Metals, Peticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 6-8 DESCRIPTION: **Gravel (GM), light grey, dry**

GENERAL COMMENTS

This sample was collected from 6-8 feet bgs

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB07-06** BORING NO. **SB07**

DATE/TIME COLLECTED: 6/18/08 1600 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 6-8** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE	
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.	
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.	
MS/MSD REQUESTED:	YES	**NO**		

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 6-8 DESCRIPTION: **Clayey silt (MH), tan to light brown, dry**

GENERAL COMMENTS

This sample was collected from 6-8 feet bgs

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C26-SB07-12** BORING NO. **SB07**

DATE/TIME COLLECTED: 6/18/08 1620 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 12-14** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE	
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.	
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.	
MS/MSD REQUESTED:	YES	**NO**		

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 12-14 DESCRIPTION: **Sandy silt (ML), light grey and reddish brown, dry**

GENERAL COMMENTS

This sample was collected from 6-8 feet bgs

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB01-018** BORING NO. **SB01**

DATE/TIME COLLECTED: 6/19/08 0930 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 8-10** S. Wrightson

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES **NO** DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH DRO Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 18-20 DESCRIPTION: **Silty sand (SP), light brown, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB01-008** BORING NO. **SB01**

DATE/TIME COLLECTED: 6/19/08 0900 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 8-10** S. Wrightson

SAMPLE MEDIA:	SOIL	SEDIMENT	SLUDGE	
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.	
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.	
MS/MSD REQUESTED:	**YES**	NO	MS/MSD C36-SB01-108	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH DRO Metals, Pesticides/PBCs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 8-10 DESCRIPTION: **Clayey silt (MH), light reddish-brown to tan, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C-36-SB02-004** BORING NO. **SB02**

DATE/TIME COLLECTED: 6/19/08 1000 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 4-6** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE	
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.	
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.	
MS/MSD REQUESTED:	YES	**NO**		

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 4-6 DESCRIPTION: **Sandy silt (ML), light reddish-brown to tan, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB02-018** BORING NO. **SB02**

DATE/TIME COLLECTED: 6/19/08 1015 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 18-20** S. Wrightson

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES **NO** DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO Metals, Pesticides/PBCs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 18-20 DESCRIPTION: **Silty sand (SP), light brown to tan, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB03-010** BORING NO. **SB03**

DATE/TIME COLLECTED: 6/19/08 1035 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 10-12** S. Wrightson

SAMPLE MEDIA:	SOIL	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	NO	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	NO	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	NO	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 10-12 DESCRIPTION: **Silt (ML), light reddish-brown to tan, slightly mois**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB03-018** BORING NO. **SB03**

DATE/TIME COLLECTED: 6/19/08 1050 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 18-20 ft** S. Wrightson

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES **NO** DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO Metals, Pesticides/PCBS

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 16-18 ft DESCRIPTION: **Sandy silt (ML), light reddish-brown, moist**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB04-004** BORING NO. **SB04**

DATE/TIME COLLECTED: 6/19/08 1110 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 4-6** S. Wrightson

SAMPLE MEDIA: SOIL | SEDIMENT | SLUDGE

SAMPLE QA SPLIT: YES | **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: **YES** | NO DUPLICATE SAMPLE NO. **C36-SB04-204 (1200)**

MS/MSD REQUESTED: YES | **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 4-6 DESCRIPTION: **Silt (ML), reddish-tan, moist**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB04-014** BORING NO. **SB04**

DATE/TIME COLLECTED: 6/19/08 1140 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 14-16** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 14-16 DESCRIPTION: **Sandy silt (ML), reddish-brown, moist**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB05-004** BORING NO. **C36-SB05**

DATE/TIME COLLECTED: 6/19/08 1210 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 4-6** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE	
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.	
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.	
MS/MSD REQUESTED:	YES	**NO**		

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 4-6 DESCRIPTION: **Silt (ML), light redish-brown to tan, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB05-018** BORING NO. **SB05**

DATE/TIME COLLECTED: 6/19/08 1225 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 18-20** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 18-20 DESCRIPTION: **Sandy silt (ML), reddish-brown, moist**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB06-004** BORING NO. **SB06**

DATE/TIME COLLECTED: 6/19/08 1240 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 4-6** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 4-6 DESCRIPTION: **Silt (ML), light reddish-brown to tan, slightly mois**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB06-018** BORING NO. **SB06**

DATE/TIME COLLECTED: 6/19/08 1255 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 18-20** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 18-20 DESCRIPTION: **Sandy silt (ML), reddish-brown, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB07-004** BORING NO. **SB07**

DATE/TIME COLLECTED: 6/19/08 1315 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 4-6** S. Wrightson

SAMPLE MEDIA: **SOIL** SEDIMENT SLUDGE

SAMPLE QA SPLIT: YES **NO** SPLIT SAMPLE NO.

SAMPLE QC DUPLICATE: YES **NO** DUPLICATE SAMPLE NO.

MS/MSD REQUESTED: YES **NO**

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 4-6 DESCRIPTION: **Silt (ML), light reddish-brown, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

SOIL SAMPLE COLLECTION FIELD SHEET

GENERAL INFORMATION

SITE NAME: Cannon AFB, CMI 2008 PROJECT NO. 16170215

SAMPLE NO. **C36-SB07-018** BORING NO. **SB07**

DATE/TIME COLLECTED: 6/19/08 1315 PERSONNEL: G. Joyce

SAMPLE METHOD / DEPTH: **Grab 18-20** S. Wrightson

SAMPLE MEDIA:	**SOIL**	SEDIMENT	SLUDGE
SAMPLE QA SPLIT:	YES	**NO**	SPLIT SAMPLE NO.
SAMPLE QC DUPLICATE:	YES	**NO**	DUPLICATE SAMPLE NO.
MS/MSD REQUESTED:	YES	**NO**	

SAMPLE CONTAINERS, PRESERVATIVES, ANALYSIS

Sample Container	Preservative	Analysis Requested
40ml VOA	2-4°C	VOCs + TPH-GRO
40ml VOA	1-4°C + CH_3OH	VOCs + TPH-GRO
8 oz JAR	4°C	SVOCs, TPH-DRO, Metals, Pesticides/PCBs

HNU MEASUREMENTS

Background	0.0 ppm	
Breathing zone	0.0 ppm	
Boring	0.0 ppm	
Headspace	0.0 ppm	

SAMPLE DESCRIPTION

DEPTH: 18-20 DESCRIPTION: **Sandy silt (ML), reddish-brown to tan, dry**

GENERAL COMMENTS

No features of concern

No odors

No staining

APPENDIX B

Analytical Data, Laboratory Results, Data Reviews, Qualified Data Table, and Chains of Custody

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B.1 Analytical Data

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SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB01-05				C26-SB01-07				C26-SB02-08			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)														
1,1,1-Trichloroethane	ND	0 / 14	<	9.00E-04	5.80E-03	U	<	9.50E-04	5.90E-03	U	<	9.10E-04	5.60E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.80E-03	U	<	1.50E-03	5.90E-03	U	<	1.40E-03	5.60E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.20E-04	5.80E-03	U	<	9.70E-04	5.90E-03	U	<	9.40E-04	5.60E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.30E-04	5.80E-03	U	<	5.60E-04	5.90E-03	U	<	5.40E-04	5.60E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.30E-03	5.80E-03	U	<	1.30E-03	5.90E-03	U	<	1.30E-03	5.60E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.80E-04	5.80E-03	U	<	9.30E-04	5.90E-03	U	<	8.90E-04	5.60E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.80E-04	5.80E-03	U	<	6.10E-04	5.90E-03	U	<	5.90E-04	5.60E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.80E-03	U	<	1.40E-03	5.90E-03	U	<	1.30E-03	5.60E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.40E-03	8.10E-03	U	<	2.60E-03	8.20E-03	U	<	2.50E-03	7.90E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.70E-04	5.80E-03	U	<	7.00E-04	5.90E-03	U	<	6.80E-04	5.60E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.10E-03	5.80E-03	U	<	1.10E-03	5.90E-03	U	<	1.10E-03	5.60E-03	U
1,2-Dichloroethane	ND	0 / 14	<	8.00E-04	5.80E-03	U	<	8.40E-04	5.90E-03	U	<	8.10E-04	5.60E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.80E-03	U	<	1.30E-03	5.90E-03	U	<	1.20E-03	5.60E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.80E-03	U	<	1.60E-03	5.90E-03	U	<	1.50E-03	5.60E-03	U
1,2-Dichloropropane	ND	0 / 14	<	6.90E-04	5.80E-03	U	<	7.30E-04	5.90E-03	U	<	7.00E-04	5.60E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.80E-03	U	<	1.10E-03	5.90E-03	U	<	1.10E-03	5.60E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.70E-04	5.80E-03	U	<	7.00E-04	5.90E-03	U	<	6.80E-04	5.60E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.40E-04	5.80E-03	U	<	7.80E-04	5.90E-03	U	<	7.60E-04	5.60E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.80E-03	U	<	1.90E-04	5.90E-03	U	<	1.80E-04	5.60E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.00E-03	5.80E-03	U	<	1.10E-03	5.90E-03	U	<	1.00E-03	5.60E-03	U
Acetone	ND	0 / 14	<	3.10E-03	5.80E-02	U	<	3.30E-03	5.90E-02	U	<	3.20E-03	5.60E-02	U
Benzene	ND	0 / 14	<	7.00E-04	5.80E-03	U	<	7.40E-04	5.90E-03	U	<	7.10E-04	5.60E-03	U
Benzyl Chloride	ND	0 / 14	<	2.20E-03	2.30E-02	U	<	2.30E-03	2.30E-02	U	<	2.30E-03	2.30E-02	U
Bromodichloromethane	ND	0 / 14	<	7.60E-04	5.80E-03	U	<	8.10E-04	5.90E-03	U	<	7.80E-04	5.60E-03	U
Bromoform	ND	0 / 14	<	8.90E-04	5.80E-03	U	<	9.40E-04	5.90E-03	U	<	9.00E-04	5.60E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.20E-02	U	<	1.90E-03	1.20E-02	U	<	1.80E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.80E-03	U	<	1.30E-03	5.90E-03	U	<	1.20E-03	5.60E-03	U
Carbon Tetrachloride	ND	0 / 14	<	8.90E-04	5.80E-03	U	<	9.40E-04	5.90E-03	U	<	9.00E-04	5.60E-03	U
Chlorobenzene	ND	0 / 14	<	5.40E-04	5.80E-03	U	<	5.70E-04	5.90E-03	U	<	5.50E-04	5.60E-03	U
Chloroethane	ND	0 / 14	<	1.70E-03	5.80E-03	U	<	1.80E-03	5.90E-03	U	<	1.70E-03	5.60E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.80E-03	U	<	1.70E-03	5.90E-03	U	<	1.60E-03	5.60E-03	U
Chloromethane	ND	0 / 14	<	2.00E-03	6.90E-03	U	<	2.10E-03	7.00E-03	U	<	2.10E-03	6.80E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.20E-04	5.80E-03	U	<	5.50E-04	5.90E-03	U	<	5.30E-04	5.60E-03	U
Cyclohexane	ND	0 / 14	<	9.10E-04	5.80E-03	U	<	9.60E-04	5.90E-03	U	<	9.30E-04	5.60E-03	U
Dibromochloromethane	ND	0 / 14	<	9.40E-04	5.80E-03	U	<	1.00E-03	5.90E-03	U	<	9.60E-04	5.60E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.20E-04	1.20E-02	U	<	9.70E-04	1.20E-02	U	<	9.40E-04	1.10E-02	U
Ethylbenzene	1.10E+00 F	1 / 14	<	7.10E-04	5.80E-03	U	<	7.50E-04	5.90E-03	U	<	7.20E-04	5.60E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.70E-04	5.80E-03	U	<	7.00E-04	5.90E-03	U	<	6.80E-04	5.60E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.20E-03	5.80E-03	U	<	1.30E-03	5.90E-03	U	<	1.30E-03	5.60E-03	U
m,p-Xylene (sum of isomers)	5.20E+00 F	1 / 14	<	4.80E-04	5.80E-03	U	<	5.00E-04	5.90E-03	U	<	4.90E-04	5.60E-03	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB01-05				C26-SB01-07				C26-SB02-08			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	ND	0 / 14	<	1.10E-03	1.20E-02	U	<	1.20E-03	1.20E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	7.90E-04	5.80E-03	U	<	8.30E-04	5.90E-03	U	<	8.00E-04	5.60E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	9.90E-04	5.80E-03	U	<	1.00E-03	5.90E-03	U	<	1.00E-03	5.60E-03	U
Methylcyclohexane	ND	0 / 14	<	2.20E-03	2.30E-02	U	<	2.30E-03	2.30E-02	U	<	2.30E-03	2.30E-02	U
Methylene Chloride	ND	0 / 14	<	5.10E-03	5.80E-02	U	<	5.40E-03	5.90E-02	U	<	5.20E-03	5.60E-02	U
o-Xylene (1,2-Dimethylbenzene)	1.80E+00 F	1 / 14	<	6.80E-04	5.80E-03	U	<	7.10E-04	5.90E-03	U	<	6.90E-04	5.60E-03	U
Styrene	ND	0 / 14	<	7.60E-04	5.80E-03	U	<	8.10E-04	5.90E-03	U	<	7.80E-04	5.60E-03	U
Tetrachloroethene	ND	0 / 14	<	6.00E-04	5.80E-03	U	<	6.30E-04	5.90E-03	U	<	6.10E-04	5.60E-03	U
Toluene	ND	0 / 14	<	7.20E-04	5.80E-03	U	<	7.60E-04	5.90E-03	U	<	7.30E-04	5.60E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.80E-04	5.80E-03	U	<	5.00E-04	5.90E-03	U	<	4.90E-04	5.60E-03	U
Trichloroethene	ND	0 / 14	<	7.90E-04	5.80E-03	U	<	8.30E-04	5.90E-03	U	<	8.00E-04	5.60E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.80E-03	U	<	1.50E-03	5.90E-03	U	<	1.40E-03	5.60E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.20E-02	U	<	1.20E-03	1.20E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.90E-03	5.80E-03	U	<	2.00E-03	5.90E-03	U	<	1.90E-03	5.60E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)														
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.80E-01	U	<	4.73E-02	3.90E-01	U	<	4.73E-02	3.70E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.80E-01	U	<	6.01E-02	3.90E-01	U	<	6.01E-02	3.70E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.80E-01	U	<	4.83E-02	3.90E-01	U	<	4.83E-02	3.70E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.80E-01	U	<	5.05E-02	3.90E-01	U	<	5.05E-02	3.70E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.80E-01	U	<	4.39E-02	3.90E-01	U	<	4.39E-02	3.70E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.60E-01	U	<	5.37E-02	7.70E-01	U	<	5.37E-02	7.40E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.80E-01	U	<	6.38E-02	3.90E-01	U	<	6.38E-02	3.70E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.80E-01	U	<	6.06E-02	3.90E-01	U	<	6.06E-02	3.70E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.80E-01	U	<	5.24E-02	3.90E-01	U	<	5.24E-02	3.70E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.80E-01	U	<	4.43E-02	3.90E-01	U	<	4.43E-02	3.70E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.80E-01	U	<	5.04E-02	3.90E-01	U	<	5.04E-02	3.70E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.80E-01	U	<	4.52E-02	3.90E-01	U	<	4.52E-02	3.70E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.60E-01	U	<	6.24E-02	7.70E-01	U	<	6.24E-02	7.40E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.80E-01	U	<	4.78E-02	3.90E-01	U	<	4.78E-02	3.70E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.60E-01	U	<	5.63E-02	7.70E-01	U	<	5.63E-02	7.40E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.60E-01	U	<	6.11E-02	7.70E-01	U	<	6.11E-02	7.40E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.60E-01	U	<	5.64E-02	7.70E-01	U	<	5.64E-02	7.40E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.80E-01	U	<	5.66E-02	3.90E-01	U	<	5.66E-02	3.70E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.80E-01	U	<	5.88E-02	3.90E-01	U	<	5.88E-02	3.70E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.60E-01	U	<	1.65E-02	7.70E-01	U	<	1.65E-02	7.40E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.80E-01	U	<	6.07E-02	3.90E-01	U	<	6.07E-02	3.70E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.80E-01	U	<	4.64E-02	3.90E-01	U	<	4.64E-02	3.70E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.80E-01	U	<	7.28E-02	3.90E-01	U	<	7.28E-02	3.70E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.60E-01	U	<	5.98E-02	7.70E-01	U	<	5.98E-02	7.40E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.80E-01	U	<	5.38E-02	3.90E-01	U	<	5.38E-02	3.70E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.80E-01	U	<	5.31E-02	3.90E-01	U	<	5.31E-02	3.70E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB01-05				C26-SB01-07				C26-SB02-08			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.90E-01	U	<	9.00E-02	3.70E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.80E-01	U	<	6.13E-02	3.90E-01	U	<	6.13E-02	3.70E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.90E-01	U	<	9.00E-02	3.70E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.90E-01	U	<	9.00E-02	3.70E-01	U
Benzo(a)anthracene	ND	0 / 14	<	5.80E-02	3.80E-01	U	<	5.80E-02	3.90E-01	U	<	5.80E-02	3.70E-01	U
Benzo(a)pyrene	ND	0 / 14	<	5.07E-02	3.80E-01	U	<	5.07E-02	3.90E-01	U	<	5.07E-02	3.70E-01	U
Benzo(b)fluoranthene	ND	0 / 14	<	6.00E-02	3.80E-01	U	<	6.00E-02	3.90E-01	U	<	6.00E-02	3.70E-01	U
Benzo(g,h,i)perylene	ND	0 / 14	<	5.52E-02	3.80E-01	U	<	5.52E-02	3.90E-01	U	<	5.52E-02	3.70E-01	U
Benzo(k)fluoranthene	ND	0 / 14	<	6.10E-02	3.80E-01	U	<	6.10E-02	3.90E-01	U	<	6.10E-02	3.70E-01	U
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.90E-01	U	<	9.00E-02	3.70E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.80E-01	U	<	4.99E-02	3.90E-01	U	<	4.99E-02	3.70E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.80E-01	U	<	5.00E-02	3.90E-01	U	<	5.00E-02	3.70E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.80E-01	U	<	6.16E-02	3.90E-01	U	<	6.16E-02	3.70E-01	UB
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.80E-01	U	<	5.55E-02	3.90E-01	U	<	5.55E-02	3.70E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.90E-01	U	<	9.00E-02	3.70E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.80E-01	U	<	8.16E-02	3.90E-01	U	<	8.16E-02	3.70E-01	U
Chrysene	ND	0 / 14	<	6.06E-02	3.80E-01	U	<	6.06E-02	3.90E-01	U	<	6.06E-02	3.70E-01	U
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.80E-01	U	<	5.94E-02	3.90E-01	U	<	5.94E-02	3.70E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.80E-01	U	<	5.73E-02	3.90E-01	U	<	5.73E-02	3.70E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.80E-01	U	<	6.21E-02	3.90E-01	U	<	6.21E-02	3.70E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.80E-01	U	<	6.33E-02	3.90E-01	U	<	6.33E-02	3.70E-01	U
Di-n-butylphthalate	7.20E+03	1 / 14	<	6.59E-02	3.80E-01	U	<	6.59E-02	3.90E-01	U	7.20E+03	6.59E-02	3.70E-01	
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.80E-01	U	<	5.84E-02	3.90E-01	U	<	5.84E-02	3.70E-01	U
Fluoranthene	9.70E+01 F	1 / 14	<	6.54E-02	3.80E-01	U	<	6.54E-02	3.90E-01	U	9.70E+01	6.54E-02	3.70E-01	F
Fluorene	ND	0 / 14	<	6.13E-02	3.80E-01	U	<	6.13E-02	3.90E-01	U	<	6.13E-02	3.70E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.80E-01	U	<	6.03E-02	3.90E-01	U	<	6.03E-02	3.70E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.80E-01	U	<	5.17E-02	3.90E-01	U	<	5.17E-02	3.70E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.80E-01	U	<	4.40E-02	3.90E-01	U	<	4.40E-02	3.70E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.80E-01	U	<	4.99E-02	3.90E-01	U	<	4.99E-02	3.70E-01	U
Indeno(1,2,3-cd)pyrene	ND	0 / 14	<	6.04E-02	3.80E-01	U	<	6.04E-02	3.90E-01	U	<	6.04E-02	3.70E-01	U
Isophorone	ND	0 / 14	<	5.70E-02	3.80E-01	U	<	5.70E-02	3.90E-01	U	<	5.70E-02	3.70E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.80E-01	U	<	5.05E-02	3.90E-01	U	<	5.05E-02	3.70E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.80E-01	U	<	4.98E-02	3.90E-01	U	<	4.98E-02	3.70E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.80E-01	U	<	5.49E-02	3.90E-01	U	<	5.49E-02	3.70E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.80E-01	U	<	5.06E-02	3.90E-01	U	<	5.06E-02	3.70E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.60E-01	U	<	5.87E-02	7.70E-01	U	<	5.87E-02	7.40E-01	U
Phenanthrene	ND	0 / 14	<	5.82E-02	3.80E-01	U	<	5.82E-02	3.90E-01	U	<	5.82E-02	3.70E-01	U
Phenol	ND	1 / 14	<	4.30E-02	3.80E-01	U	<	4.30E-02	3.90E-01	U	<	4.30E-02	3.70E-01	U
Pyrene	1.00E+02 F	1 / 14	<	5.41E-02	3.80E-01	U	<	5.41E-02	3.90E-01	U	1.00E+02	5.41E-02	3.70E-01	F

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB01-05				C26-SB01-07				C26-SB02-08			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)														
4,4-DDD	6.40E+01	2 / 14	3.00E-02	4.00E-04	5.00E-03		6.40E+01	4.00E-04	5.00E-03		<	4.00E-04	4.00E-03	U
4,4-DDE	4.90E+02	3 / 14	2.80E-01	1.60E-03	5.00E-03		4.90E+02	1.60E-03	5.00E-03		1.90E+00	1.60E-03	4.00E-03	F
4,4-DDT	3.60E+01	3 / 14	2.10E-02	4.00E-04	5.00E-03		3.60E+01	4.00E-04	5.00E-03		2.00E+00	4.00E-04	4.00E-03	F
Aldrin	ND	0 / 14	<	1.40E-03	5.00E-03	U	<	1.40E-03	5.00E-03	U	<	1.40E-03	4.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	5.00E-03	U	<	1.00E-03	5.00E-03	U	<	1.00E-03	4.00E-03	U
alpha-Chlordane	4.70E-02	4 / 14	4.70E-02	9.00E-04	5.00E-03		2.80E+01	9.00E-04	5.00E-03		2.10E+01	9.00E-04	4.00E-03	
beta-BHC	ND	0 / 14	<	1.00E-03	5.00E-03	U	<	1.00E-03	5.00E-03	U	<	1.00E-03	4.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	5.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	5.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	5.00E-03	U	<	2.20E-03	5.00E-03	U	<	2.20E-03	4.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	5.00E-03	U	<	2.90E-03	5.00E-03	U	<	2.90E-03	4.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	5.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	5.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	5.00E-03	U	<	2.90E-03	5.00E-03	U	<	2.90E-03	4.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	5.00E-03	U	<	9.00E-04	5.00E-03	U	<	9.00E-04	4.00E-03	U
gamma-Chlordane	4.90E-02	6 / 14	4.90E-02	9.00E-04	5.00E-03		3.20E+01	9.00E-04	5.00E-03		2.40E+01	9.00E-04	4.00E-03	
Heptachlor	6.10E+00	1 / 14	<	1.10E-03	5.00E-03	U	<	1.10E-03	5.00E-03	U	6.10E+00	1.10E-03	4.00E-03	
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	5.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Methoxychlor	1.90E-03 F	1 / 14	1.90E-03	1.00E-03	2.00E-02	F	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)														
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U
Aroclor 1260	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	5.80E+02	12 / 14	2.80E+01	1.00E+00	1.20E+01		1.40E+02	5.00E+00	5.90E+01		5.80E+02	2.00E+01	2.30E+02	
Gasoline Range Organics	ND	0 / 14	<	3.50E-01	1.20E+00	U	<	3.50E-01	1.20E+00	U	<	3.40E-01	1.10E+00	U
Motor Oils	1.50E+03	12 / 14	5.10E+01	3.50E+00	1.20E+01		2.50E+02	1.75E+01	5.90E+01		1.50E+03	7.00E+02	2.30E+02	
METALS (mg/kg)														
Aluminum	1.31E+04	14 / 14	1.05E+04	1.00E+01	1.39E+02		1.00E+04	2.00E+01	2.40E+02		6.59E+03	1.00E+01	1.35E+02	
Antimony	2.50E-01 F	2 / 14	<	1.00E-01	8.00E-01	UJ	<	1.00E-01	8.00E-01	U	2.50E-01	1.00E-01	8.00E-01	F
Arsenic	3.60E+00 J	14 / 14	3.60E+00	9.00E-02	7.00E-01	J	1.80E+00	9.00E-02	7.00E-01		1.90E+00	9.00E-02	7.00E-01	
Barium	1.44E+03	14 / 14	1.19E+02	5.00E-02	6.00E-01	J	2.92E+02	1.00E+00	1.20E+01		2.04E+02	5.00E-02	6.00E-01	
Beryllium	4.80E-01	14 / 14	3.90E-01	4.00E-02	2.00E-01	J	3.70E-01	4.00E-02	2.00E-01		2.10E-01	4.00E-02	2.00E-01	
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	UJ	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U
Calcium	2.71E+05	14 / 14	7.23E+04	8.20E+00	1.16E+02	J	9.91E+04	1.60E+01	2.34E+02		6.66E+04	8.20E+00	1.13E+02	

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB01-05				C26-SB01-07				C26-SB02-08			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	1.12E+01	14 / 14	8.80E+00	3.00E-02	6.00E-01	J	8.10E+00	3.00E-02	6.00E-01		5.90E+00	3.00E-02	6.00E-01	
Cobalt	3.00E+00	14 / 14	2.40E+00	5.00E-02	6.00E-01	J	2.30E+00	5.00E-02	6.00E-01		1.20E+00	5.00E-02	6.00E-01	
Copper	6.40E+00	14 / 14	5.80E+00	9.00E-02	6.00E-01		4.40E+00	9.00E-02	6.00E-01		3.20E+00	9.00E-02	6.00E-01	
Iron	1.09E+04	14 / 14	1.09E+04	7.10E+00	5.80E+01		8.75E+03	1.40E+01	1.17E+02		5.49E+03	7.10E+00	5.60E+01	
Lead	2.12E+01	13 / 14	1.45E+01	9.00E-02	5.80E+00	J	2.12E+01	9.00E-02	5.90E+00		1.90E+01	9.00E-02	5.60E+00	
Magnesium	1.33E+04	14 / 14	2.08E+03	7.40E-01	9.20E+00		2.58E+03	7.40E-01	9.40E+00		2.09E+03	7.40E-01	9.00E+00	
Manganese	1.41E+02	13 / 14	1.15E+02	1.30E-01	6.00E-01	J	1.11E+02	1.30E-01	6.00E-01		7.58E+01	1.30E-01	6.00E-01	
Mercury	4.60E-02 F	9 / 14	<	1.00E-02	1.00E-01	UB	2.00E-02	1.00E-02	1.00E-01	F	3.50E-02	1.00E-02	1.00E-01	F
Nickel	8.80E+00	14 / 14	7.20E+00	7.00E-02	6.00E-01	J	6.80E+00	7.00E-02	6.00E-01		4.50E+00	7.00E-02	6.00E-01	
Potassium	2.34E+03	14 / 14	1.77E+03	1.39E+01	1.16E+02	J	1.77E+03	1.39E+01	1.17E+02		1.17E+03	1.39E+01	1.13E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	UJ	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	1.50E-01 F	4 / 14	<	4.00E-02	2.00E-01	UJ	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	2.98E+02	14 / 14	2.37E+02	7.36E+00	1.16E+02		1.49E+02	7.36E+00	1.17E+02		6.28E+01	7.36E+00	1.13E+02	F
Thallium	6.50E-01 F	7 / 14	<	2.10E-01	2.30E+00	UJ	<	2.10E-01	2.30E+00	U	3.50E-01	2.10E-01	2.30E+00	F
Vanadium	1.96E+01	14 / 14	1.75E+01	6.00E-02	6.00E-01	J	1.66E+01	6.00E-02	6.00E-01		1.23E+01	6.00E-02	6.00E-01	
Zinc	1.77E+01 J	10 / 14	1.77E+01	1.15E+00	5.80E+00	J	14.3	1.15	5.9		1.42E+01	1.15E+00	5.60E+00	

Notes:

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

ND = Not Detected

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB02-20				C26-SB03-08				C26-SB03-16			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)														
1,1,1-Trichloroethane	ND	0 / 14	<	9.00E-04	5.50E-03	U	<	8.90E-04	5.50E-03	U	<	9.30E-04	5.70E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.70E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.20E-04	5.50E-03	U	<	9.10E-04	5.50E-03	U	<	9.50E-04	5.70E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.30E-04	5.50E-03	U	<	5.30E-04	5.50E-03	U	<	5.50E-04	5.70E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.30E-03	5.70E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.70E-04	5.50E-03	U	<	8.60E-04	5.50E-03	U	<	9.00E-04	5.70E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.80E-04	5.50E-03	U	<	5.70E-04	5.50E-03	U	<	5.90E-04	5.70E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.70E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.40E-03	7.80E-03	U	<	2.40E-03	7.70E-03	U	<	2.50E-03	8.00E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.60E-04	5.50E-03	U	<	6.90E-04	5.70E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.00E-03	5.50E-03	U	<	1.10E-03	5.70E-03	U
1,2-Dichloroethane	ND	0 / 14	<	8.00E-04	5.50E-03	U	<	7.90E-04	5.50E-03	U	<	8.20E-04	5.70E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.70E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.70E-03	U
1,2-Dichloropropane	ND	0 / 14	<	6.90E-04	5.50E-03	U	<	6.80E-04	5.50E-03	U	<	7.10E-04	5.70E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.70E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.60E-04	5.50E-03	U	<	6.90E-04	5.70E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.40E-04	5.50E-03	U	<	7.30E-04	5.50E-03	U	<	7.70E-04	5.70E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.50E-03	U	<	1.80E-04	5.50E-03	U	<	1.80E-04	5.70E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.50E-03	U	<	1.10E-03	5.70E-03	U
Acetone	ND	0 / 14	<	3.10E-03	5.50E-02	U	<	3.10E-03	5.50E-02	U	<	3.20E-03	5.70E-02	U
Benzene	ND	0 / 14	<	7.00E-04	5.50E-03	U	<	6.90E-04	5.50E-03	U	<	7.20E-04	5.70E-03	U
Benzyl Chloride	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U	<	2.30E-03	2.30E-02	U
Bromodichloromethane	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.50E-04	5.50E-03	U	<	7.90E-04	5.70E-03	U
Bromoform	ND	0 / 14	<	8.90E-04	5.50E-03	U	<	8.80E-04	5.50E-03	U	<	9.10E-04	5.70E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.70E-03	U
Carbon Tetrachloride	ND	0 / 14	<	8.90E-04	5.50E-03	U	<	8.80E-04	5.50E-03	U	<	9.10E-04	5.70E-03	U
Chlorobenzene	ND	0 / 14	<	5.40E-04	5.50E-03	U	<	5.40E-04	5.50E-03	U	<	5.60E-04	5.70E-03	U
Chloroethane	ND	0 / 14	<	1.70E-03	5.50E-03	U	<	1.70E-03	5.50E-03	U	<	1.80E-03	5.70E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.50E-03	U	<	1.60E-03	5.50E-03	U	<	1.60E-03	5.70E-03	U
Chloromethane	ND	0 / 14	<	2.00E-03	6.60E-03	U	<	2.00E-03	6.60E-03	U	<	2.10E-03	6.90E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.20E-04	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	5.40E-04	5.70E-03	U
Cyclohexane	ND	0 / 14	<	9.10E-04	5.50E-03	U	<	5.10E-04	5.50E-03	U	<	9.40E-04	5.70E-03	U
Dibromochloromethane	ND	0 / 14	<	9.40E-04	5.50E-03	U	<	9.30E-04	5.50E-03	U	<	9.70E-04	5.70E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.20E-04	1.10E-02	U	<	9.10E-04	1.10E-02	U	<	9.50E-04	1.10E-02	U
Ethylbenzene	1.10E+00 F	1 / 14	1.10E+00	7.10E-04	5.50E-03	F	<	7.00E-04	5.50E-03	U	<	7.30E-04	5.70E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.60E-04	5.50E-03	U	<	6.90E-04	5.70E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.30E-03	5.70E-03	U
m,p-Xylene (sum of isomers)	5.20E+00 F	1 / 14	5.20E+00	4.80E-04	5.50E-03	F	<	4.70E-04	5.50E-03	U	<	4.90E-04	5.70E-03	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB02-20				C26-SB03-08				C26-SB03-16			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	7.90E-04	5.50E-03	U	<	7.80E-04	5.50E-03	U	<	8.10E-04	5.70E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	9.90E-04	5.50E-03	U	<	9.70E-04	5.50E-03	U	<	1.00E-03	5.70E-03	U
Methylcyclohexane	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U	<	2.30E-03	2.30E-02	U
Methylene Chloride	ND	0 / 14	<	5.10E-03	5.50E-02	U	<	5.00E-03	5.50E-02	U	<	5.20E-03	5.70E-02	U
o-Xylene (1,2-Dimethylbenzene)	1.80E+00 F	1 / 14	1.80E+00	6.80E-04	5.50E-03	F	<	6.70E-04	5.50E-03	U	<	7.00E-04	5.70E-03	U
Styrene	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.50E-04	5.50E-03	U	<	7.90E-04	5.70E-03	U
Tetrachloroethene	ND	0 / 14	<	6.00E-04	5.50E-03	U	<	5.90E-04	5.50E-03	U	<	6.20E-04	5.70E-03	U
Toluene	ND	0 / 14	<	7.20E-04	5.50E-03	U	<	7.10E-04	5.50E-03	U	<	7.40E-04	5.70E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.80E-04	5.50E-03	U	<	4.70E-04	5.50E-03	U	<	4.90E-04	5.70E-03	U
Trichloroethene	ND	0 / 14	<	7.90E-04	5.50E-03	U	<	7.80E-04	5.50E-03	U	<	8.10E-04	5.70E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.70E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.90E-03	5.50E-03	U	<	1.80E-03	5.50E-03	U	<	1.90E-03	5.70E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)														
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.70E-01	U	<	4.73E-02	3.60E-01	U	<	4.73E-02	3.80E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.70E-01	U	<	6.01E-02	3.60E-01	U	<	6.01E-02	3.80E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.70E-01	U	<	4.83E-02	3.60E-01	U	<	4.83E-02	3.80E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.80E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.70E-01	U	<	4.39E-02	3.60E-01	U	<	4.39E-02	3.80E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.30E-01	U	<	5.37E-02	7.20E-01	U	<	5.37E-02	7.50E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.70E-01	U	<	6.38E-02	3.60E-01	U	<	6.38E-02	3.80E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.70E-01	U	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.80E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.70E-01	U	<	5.24E-02	3.60E-01	U	<	5.24E-02	3.80E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.70E-01	U	<	4.43E-02	3.60E-01	U	<	4.43E-02	3.80E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.70E-01	U	<	5.04E-02	3.60E-01	U	<	5.04E-02	3.80E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.70E-01	U	<	4.52E-02	3.60E-01	U	<	4.52E-02	3.80E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.30E-01	U	<	6.24E-02	7.20E-01	U	<	6.24E-02	7.50E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.70E-01	U	<	4.78E-02	3.60E-01	U	<	4.78E-02	3.80E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.30E-01	U	<	5.63E-02	7.20E-01	U	<	5.63E-02	7.50E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.30E-01	U	<	6.11E-02	7.20E-01	U	<	6.11E-02	7.50E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.30E-01	U	<	5.64E-02	7.20E-01	U	<	5.64E-02	7.50E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.70E-01	U	<	5.66E-02	3.60E-01	U	<	5.66E-02	3.80E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.70E-01	U	<	5.88E-02	3.60E-01	U	<	5.88E-02	3.80E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.30E-01	U	<	1.65E-02	7.20E-01	U	<	1.65E-02	7.50E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.70E-01	U	<	6.07E-02	3.60E-01	U	<	6.07E-02	3.80E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.70E-01	U	<	4.64E-02	3.60E-01	U	<	4.64E-02	3.80E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.70E-01	U	<	7.28E-02	3.60E-01	U	<	7.28E-02	3.80E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.30E-01	U	<	5.98E-02	7.20E-01	U	<	5.98E-02	7.50E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.70E-01	U	<	5.38E-02	3.60E-01	U	<	5.38E-02	3.80E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.70E-01	U	<	5.31E-02	3.60E-01	U	<	5.31E-02	3.80E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB02-20				C26-SB03-08				C26-SB03-16			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.80E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.80E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.80E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.80E-01	U
Benzo(a)anthracene	ND	0 / 14	<	5.80E-02	3.70E-01	U	<	5.80E-02	3.60E-01	U	<	5.80E-02	3.80E-01	U
Benzo(a)pyrene	ND	0 / 14	<	5.07E-02	3.70E-01	U	<	5.07E-02	3.60E-01	U	<	5.07E-02	3.80E-01	U
Benzo(b)fluoranthene	ND	0 / 14	<	6.00E-02	3.70E-01	U	<	6.00E-02	3.60E-01	U	<	6.00E-02	3.80E-01	U
Benzo(g,h,i)perylene	ND	0 / 14	<	5.52E-02	3.70E-01	U	<	5.52E-02	3.60E-01	U	<	5.52E-02	3.80E-01	U
Benzo(k)fluoranthene	ND	0 / 14	<	6.10E-02	3.70E-01	U	<	6.10E-02	3.60E-01	U	<	6.10E-02	3.80E-01	U
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.80E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.80E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.70E-01	U	<	5.00E-02	3.60E-01	U	<	5.00E-02	3.80E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.70E-01	UB	<	6.16E-02	3.60E-01	UB	<	6.16E-02	3.80E-01	UB
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.70E-01	U	<	5.55E-02	3.60E-01	U	<	5.55E-02	3.80E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.80E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.70E-01	U	<	8.16E-02	3.60E-01	U	<	8.16E-02	3.80E-01	U
Chrysene	ND	0 / 14	<	6.06E-02	3.70E-01	U	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.80E-01	U
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.70E-01	U	<	5.94E-02	3.60E-01	U	<	5.94E-02	3.80E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.70E-01	U	<	5.73E-02	3.60E-01	U	<	5.73E-02	3.80E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.70E-01	U	<	6.21E-02	3.60E-01	U	<	6.21E-02	3.80E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.70E-01	U	<	6.33E-02	3.60E-01	U	<	6.33E-02	3.80E-01	U
Di-n-butylphthalate	7.20E+03	1 / 14	<	6.59E-02	3.70E-01	UB	<	6.59E-02	3.60E-01	UB	<	6.59E-02	3.80E-01	UB
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.70E-01	U	<	5.84E-02	3.60E-01	U	<	5.84E-02	3.80E-01	U
Fluoranthene	9.70E+01 F	1 / 14	<	6.54E-02	3.70E-01	U	<	6.54E-02	3.60E-01	U	<	6.54E-02	3.80E-01	U
Fluorene	ND	0 / 14	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.80E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.70E-01	U	<	6.03E-02	3.60E-01	U	<	6.03E-02	3.80E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.70E-01	U	<	5.17E-02	3.60E-01	U	<	5.17E-02	3.80E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.70E-01	U	<	4.40E-02	3.60E-01	U	<	4.40E-02	3.80E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.80E-01	U
Indeno(1,2,3-cd)pyrene	ND	0 / 14	<	6.04E-02	3.70E-01	U	<	6.04E-02	3.60E-01	U	<	6.04E-02	3.80E-01	U
Isophorone	ND	0 / 14	<	5.70E-02	3.70E-01	U	<	5.70E-02	3.60E-01	U	<	5.70E-02	3.80E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.80E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.70E-01	U	<	4.98E-02	3.60E-01	U	<	4.98E-02	3.80E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.70E-01	U	<	5.49E-02	3.60E-01	U	<	5.49E-02	3.80E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.70E-01	U	<	5.06E-02	3.60E-01	U	<	5.06E-02	3.80E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.30E-01	U	<	5.87E-02	7.20E-01	U	<	5.87E-02	7.50E-01	U
Phenanthrene	ND	0 / 14	<	5.82E-02	3.70E-01	U	<	5.82E-02	3.60E-01	U	<	5.82E-02	3.80E-01	U
Phenol	ND	1 / 14	<	4.30E-02	3.70E-01	U	<	4.30E-02	3.60E-01	U	<	4.30E-02	3.80E-01	U
Pyrene	1.00E+02 F	1 / 14	<	5.41E-02	3.70E-01	U	<	5.41E-02	3.60E-01	U	<	5.41E-02	3.80E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB02-20				C26-SB03-08				C26-SB03-16			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)														
4,4-DDD	6.40E+01	2 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	5.00E-03	U
4,4-DDE	4.90E+02	3 / 14	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U	<	1.60E-03	5.00E-03	U
4,4-DDT	3.60E+01	3 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	5.00E-03	U
Aldrin	ND	0 / 14	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U	<	1.40E-03	5.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	5.00E-03	U
alpha-Chlordane	4.70E-02	4 / 14	3.30E+00	9.00E-04	4.00E-03	F	<	9.00E-04	4.00E-03	U	<	9.00E-04	5.00E-03	U
beta-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	5.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U	<	2.20E-03	5.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	5.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	5.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	5.00E-03	U
gamma-Chlordane	4.90E-02	6 / 14	3.70E+00	9.00E-04	4.00E-03		<	9.00E-04	4.00E-03	U	2.00E+00	9.00E-04	5.00E-03	F
Heptachlor	6.10E+00	1 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U
Methoxychlor	1.90E-03 F	1 / 14	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)														
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U
Aroclor 1260	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	5.80E+02	12 / 14	2.80E+01	1.00E+00	1.10E+01		4.90E+00	1.00E+00	1.10E+01	F	1.20E+01	1.00E+00	1.10E+01	
Gasoline Range Organics	ND	0 / 14	<	3.30E-01	1.10E+00	U	<	3.30E-01	1.10E+00	U	<	3.40E-01	1.10E+00	U
Motor Oils	1.50E+03	12 / 14	5.50E+01	3.50E+00	1.10E+01		1.10E+01	3.50E+00	1.10E+01		2.00E+01	3.50E+00	1.10E+01	
METALS (mg/kg)														
Aluminum	1.31E+04	14 / 14	8.80E+03	2.00E+01	2.66E+02		8.17E+03	5.10E+00	6.60E+01		4.73E+03	5.10E+00	6.90E+01	
Antimony	2.50E-01 F	2 / 14	1.30E-01	1.00E-01	8.00E-01	F	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	3.60E+00 J	14 / 14	1.70E+00	9.00E-02	7.00E-01		3.30E+00	9.00E-02	7.00E-01		1.70E+00	9.00E-02	7.00E-01	
Barium	1.44E+03	14 / 14	7.10E+02	1.00E+00	1.10E+01		1.44E+03	2.00E+00	2.20E+01		8.15E+02	2.00E+00	2.30E+01	
Beryllium	4.80E-01	14 / 14	2.20E-01	4.00E-02	2.00E-01		2.60E-01	4.00E-02	2.00E-01		1.10E-01	4.00E-02	2.00E-01	F
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U
Calcium	2.71E+05	14 / 14	1.41E+05	1.60E+01	2.21E+02		2.19E+05	3.30E+01	4.38E+02		2.71E+05	3.30E+01	4.57E+02	

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB02-20				C26-SB03-08				C26-SB03-16			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	1.12E+01	14 / 14	9.00E+00	3.00E-02	6.00E-01		4.90E+00	3.00E-02	6.00E-01		3.80E+00	3.00E-02	6.00E-01	
Cobalt	3.00E+00	14 / 14	2.50E-01	5.00E-02	6.00E-01	F	5.60E-01	5.00E-02	6.00E-01	F	1.00E-01	5.00E-02	6.00E-01	F
Copper	6.40E+00	14 / 14	1.70E+00	9.00E-02	6.00E-01		1.20E+00	9.00E-02	6.00E-01		1.70E+00	9.00E-02	6.00E-01	
Iron	1.09E+04	14 / 14	6.25E+03	1.40E+01	1.11E+02		3.95E+03	7.10E-01	5.50E+00		2.25E+03	7.10E-01	5.70E+00	
Lead	2.12E+01	13 / 14	2.30E+00	9.00E-02	5.50E+00	F	1.80E+00	9.00E-02	5.50E+00	F	<	9.00E-02	5.70E+00	UB
Magnesium	1.33E+04	14 / 14	7.66E+03	7.40E-01	8.90E+00		5.90E+03	7.40E-01	8.80E+00		9.87E+03	7.40E-01	9.10E+00	
Manganese	1.41E+02	13 / 14	2.82E+01	1.30E-01	6.00E-01		2.66E+01	1.30E-01	6.00E-01		<	1.30E-01	6.00E-01	U
Mercury	4.60E-02 F	9 / 14	2.40E-02	1.00E-02	1.00E-01	F	1.80E-02	1.00E-02	1.00E-01	F	3.40E-02	1.00E-02	1.00E-01	F
Nickel	8.80E+00	14 / 14	4.80E+00	7.00E-02	6.00E-01		5.70E+00	7.00E-02	6.00E-01		4.20E+00	7.00E-02	6.00E-01	
Potassium	2.34E+03	14 / 14	1.53E+03	1.39E+01	1.11E+02		1.67E+03	1.39E+01	1.09E+02		9.19E+02	1.39E+01	1.14E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	1.50E-01 F	4 / 14	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	9.00E-02	4.00E-02	2.00E-01	F
Sodium	2.98E+02	14 / 14	1.44E+02	7.36E+00	1.11E+02		2.42E+02	7.36E+00	1.09E+02		2.07E+02	7.36E+00	1.14E+02	
Thallium	6.50E-01 F	7 / 14	5.20E-01	2.10E-01	2.20E+00	F	6.50E-01	2.10E-01	2.20E+00	F	5.50E-01	2.10E-01	2.30E+00	F
Vanadium	1.96E+01	14 / 14	1.81E+01	6.00E-02	6.00E-01		1.71E+01	6.00E-02	6.00E-01		1.39E+01	6.00E-02	6.00E-01	
Zinc	1.77E+01 J	10 / 14	3.50E+00	1.15E+00	5.50E+00	F	1.50E+00	1.15E+00	5.50E+00	F	<	1.15E+00	5.70E+00	U

Notes:

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

ND = Not Detected

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB04-08				C26-SB04-13				C26-SB05-02			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)														
1,1,1-Trichloroethane	ND	0 / 14	<	9.10E-04	5.60E-03	U	<	8.70E-04	5.40E-03	U	<	9.00E-04	5.50E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.60E-03	U	<	1.30E-03	5.40E-03	U	<	1.40E-03	5.50E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.40E-04	5.60E-03	U	<	8.90E-04	5.40E-03	U	<	9.20E-04	5.50E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.40E-04	5.60E-03	U	<	5.20E-04	5.40E-03	U	<	5.30E-04	5.50E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.30E-03	5.60E-03	U	<	1.20E-03	5.40E-03	U	<	1.30E-03	5.50E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.90E-04	5.60E-03	U	<	8.50E-04	5.40E-03	U	<	8.80E-04	5.50E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.90E-04	5.60E-03	U	<	5.60E-04	5.40E-03	U	<	5.80E-04	5.50E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.60E-03	U	<	1.30E-03	5.40E-03	U	<	1.30E-03	5.50E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.50E-03	7.90E-03	U	<	2.40E-03	7.50E-03	U	<	2.40E-03	7.80E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.80E-04	5.60E-03	U	<	6.50E-04	5.40E-03	U	<	6.70E-04	5.50E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.10E-03	5.60E-03	U	<	1.00E-03	5.40E-03	U	<	1.10E-03	5.50E-03	U
1,2-Dichloroethane	ND	0 / 14	<	8.10E-04	5.60E-03	U	<	7.80E-04	5.40E-03	U	<	8.00E-04	5.50E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.60E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.50E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.60E-03	U	<	1.50E-03	5.40E-03	U	<	1.50E-03	5.50E-03	U
1,2-Dichloropropane	ND	0 / 14	<	7.00E-04	5.60E-03	U	<	6.70E-04	5.40E-03	U	<	6.90E-04	5.50E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.60E-03	U	<	1.00E-03	5.40E-03	U	<	1.10E-03	5.50E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.80E-04	5.60E-03	U	<	6.50E-04	5.40E-03	U	<	6.70E-04	5.50E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.60E-04	5.60E-03	U	<	7.20E-04	5.40E-03	U	<	7.40E-04	5.50E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.60E-03	U	<	1.70E-04	5.40E-03	U	<	1.80E-04	5.50E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.00E-03	5.60E-03	U	<	1.00E-03	5.40E-03	U	<	1.00E-03	5.50E-03	U
Acetone	ND	0 / 14	<	3.20E-03	5.60E-02	U	<	3.00E-03	5.40E-02	U	<	3.10E-03	5.50E-02	U
Benzene	ND	0 / 14	<	7.10E-04	5.60E-03	U	<	6.80E-04	5.40E-03	U	<	7.00E-04	5.50E-03	U
Benzyl Chloride	ND	0 / 14	<	2.30E-03	2.30E-02	U	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Bromodichloromethane	ND	0 / 14	<	7.80E-04	5.60E-03	U	<	7.40E-04	5.40E-03	U	<	7.70E-04	5.50E-03	U
Bromoform	ND	0 / 14	<	9.00E-04	5.60E-03	U	<	8.60E-04	5.40E-03	U	<	8.90E-04	5.50E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.10E-02	U	<	1.70E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.60E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.50E-03	U
Carbon Tetrachloride	ND	0 / 14	<	9.00E-04	5.60E-03	U	<	8.60E-04	5.40E-03	U	<	8.90E-04	5.50E-03	U
Chlorobenzene	ND	0 / 14	<	5.50E-04	5.60E-03	U	<	5.30E-04	5.40E-03	U	<	5.40E-04	5.50E-03	U
Chloroethane	ND	0 / 14	<	1.70E-03	5.60E-03	U	<	1.70E-03	5.40E-03	U	<	1.70E-03	5.50E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.60E-03	U	<	1.50E-03	5.40E-03	U	<	1.60E-03	5.50E-03	U
Chloromethane	ND	0 / 14	<	2.10E-03	6.80E-03	U	<	2.00E-03	6.50E-03	U	<	2.00E-03	6.70E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.30E-04	5.60E-03	U	<	5.10E-04	5.40E-03	U	<	5.20E-04	5.50E-03	U
Cyclohexane	ND	0 / 14	<	9.30E-04	5.60E-03	U	<	8.80E-04	5.40E-03	U	<	9.10E-04	5.50E-03	U
Dibromochloromethane	ND	0 / 14	<	9.60E-04	5.60E-03	U	<	9.20E-04	5.40E-03	U	<	9.40E-04	5.50E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.40E-04	1.10E-02	U	<	8.90E-04	1.10E-02	U	<	9.20E-04	1.10E-02	U
Ethylbenzene	1.10E+00 F	1 / 14	<	7.20E-04	5.60E-03	U	<	6.90E-04	5.40E-03	U	<	7.10E-04	5.50E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.80E-04	5.60E-03	U	<	6.50E-04	5.40E-03	U	<	6.70E-04	5.50E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.30E-03	5.60E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.50E-03	U
m,p-Xylene (sum of isomers)	5.20E+00 F	1 / 14	<	4.90E-04	5.60E-03	U	<	4.60E-04	5.40E-03	U	<	4.80E-04	5.50E-03	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB04-08				C26-SB04-13				C26-SB05-02			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	8.00E-04	5.60E-03	U	<	7.70E-04	5.40E-03	U	<	7.90E-04	5.50E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	1.00E-03	5.60E-03	U	<	9.60E-04	5.40E-03	U	<	9.90E-04	5.50E-03	U
Methylcyclohexane	ND	0 / 14	<	2.30E-03	2.30E-02	U	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Methylene Chloride	ND	0 / 14	<	5.20E-03	5.60E-02	U	<	4.90E-03	5.40E-02	U	<	5.10E-03	5.50E-02	U
o-Xylene (1,2-Dimethylbenzene)	1.80E+00 F	1 / 14	<	6.90E-04	5.60E-03	U	<	6.60E-04	5.40E-03	U	<	6.80E-04	5.50E-03	U
Styrene	ND	0 / 14	<	7.80E-04	5.60E-03	U	<	7.40E-04	5.40E-03	U	<	7.70E-04	5.50E-03	U
Tetrachloroethene	ND	0 / 14	<	6.10E-04	5.60E-03	U	<	5.80E-04	5.40E-03	U	<	6.00E-04	5.50E-03	U
Toluene	ND	0 / 14	<	7.30E-04	5.60E-03	U	<	7.00E-04	5.40E-03	U	<	7.20E-04	5.50E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.90E-04	5.60E-03	U	<	4.60E-04	5.40E-03	U	<	4.80E-04	5.50E-03	U
Trichloroethene	ND	0 / 14	<	8.00E-04	5.60E-03	U	<	7.80E-04	5.40E-03	U	<	7.90E-04	5.50E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.60E-03	U	<	1.40E-03	5.40E-03	U	<	1.40E-03	5.50E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.90E-03	5.60E-03	U	<	1.80E-03	5.40E-03	U	<	1.90E-03	5.50E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)														
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.70E-01	U	<	4.73E-02	3.60E-01	U	<	4.73E-02	3.70E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.70E-01	U	<	6.01E-02	3.60E-01	U	<	6.01E-02	3.70E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.70E-01	U	<	4.83E-02	3.60E-01	U	<	4.83E-02	3.70E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.70E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.70E-01	U	<	4.39E-02	3.60E-01	U	<	4.39E-02	3.70E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.40E-01	U	<	5.37E-02	7.10E-01	U	<	5.37E-02	7.30E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.70E-01	U	<	6.38E-02	3.60E-01	U	<	6.38E-02	3.70E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.70E-01	U	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.70E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.70E-01	U	<	5.24E-02	3.60E-01	U	<	5.24E-02	3.70E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.70E-01	U	<	4.43E-02	3.60E-01	U	<	4.43E-02	3.70E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.70E-01	U	<	5.04E-02	3.60E-01	U	<	5.04E-02	3.70E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.70E-01	U	<	4.52E-02	3.60E-01	U	<	4.52E-02	3.70E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.40E-01	U	<	6.24E-02	7.10E-01	U	<	6.24E-02	7.30E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.70E-01	U	<	4.78E-02	3.60E-01	U	<	4.78E-02	3.70E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.40E-01	U	<	5.63E-02	7.10E-01	U	<	5.63E-02	7.30E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.40E-01	U	<	6.11E-02	7.10E-01	U	<	6.11E-02	7.30E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.40E-01	U	<	5.64E-02	7.10E-01	U	<	5.64E-02	7.30E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.70E-01	U	<	5.66E-02	3.60E-01	U	<	5.66E-02	3.70E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.70E-01	U	<	5.88E-02	3.60E-01	U	<	5.88E-02	3.70E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.40E-01	U	<	1.65E-02	7.10E-01	U	<	1.65E-02	7.30E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.70E-01	U	<	6.07E-02	3.60E-01	U	<	6.07E-02	3.70E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.70E-01	U	<	4.64E-02	3.60E-01	U	<	4.64E-02	3.70E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.70E-01	U	<	7.28E-02	3.60E-01	U	<	7.28E-02	3.70E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.40E-01	U	<	5.98E-02	7.10E-01	U	<	5.98E-02	7.30E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.70E-01	U	<	5.38E-02	3.60E-01	U	<	5.38E-02	3.70E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.70E-01	U	<	5.31E-02	3.60E-01	U	<	5.31E-02	3.70E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB04-08				C26-SB04-13				C26-SB05-02			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.70E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Benzo(a)anthracene	ND	0 / 14	<	5.80E-02	3.70E-01	U	<	5.80E-02	3.60E-01	U	<	5.80E-02	3.70E-01	U
Benzo(a)pyrene	ND	0 / 14	<	5.07E-02	3.70E-01	U	<	5.07E-02	3.60E-01	U	<	5.07E-02	3.70E-01	U
Benzo(b)fluoranthene	ND	0 / 14	<	6.00E-02	3.70E-01	U	<	6.00E-02	3.60E-01	U	<	6.00E-02	3.70E-01	U
Benzo(g,h,i)perylene	ND	0 / 14	<	5.52E-02	3.70E-01	U	<	5.52E-02	3.60E-01	U	<	5.52E-02	3.70E-01	U
Benzo(k)fluoranthene	ND	0 / 14	<	6.10E-02	3.70E-01	U	<	6.10E-02	3.60E-01	U	<	6.10E-02	3.70E-01	U
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.70E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.70E-01	U	<	5.00E-02	3.60E-01	U	<	5.00E-02	3.70E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.70E-01	U	<	6.16E-02	3.60E-01	U	<	6.16E-02	3.70E-01	UB
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.70E-01	U	<	5.55E-02	3.60E-01	U	<	5.55E-02	3.70E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.70E-01	U	<	8.16E-02	3.60E-01	U	<	8.16E-02	3.70E-01	U
Chrysene	ND	0 / 14	<	6.06E-02	3.70E-01	U	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.70E-01	U
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.70E-01	U	<	5.94E-02	3.60E-01	U	<	5.94E-02	3.70E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.70E-01	U	<	5.73E-02	3.60E-01	U	<	5.73E-02	3.70E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.70E-01	U	<	6.21E-02	3.60E-01	U	<	6.21E-02	3.70E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.70E-01	U	<	6.33E-02	3.60E-01	U	<	6.33E-02	3.70E-01	U
Di-n-butylphthalate	7.20E+03	1 / 14	<	6.59E-02	3.70E-01	U	<	6.59E-02	3.60E-01	U	<	6.59E-02	3.70E-01	UB
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.70E-01	U	<	5.84E-02	3.60E-01	U	<	5.84E-02	3.70E-01	U
Fluoranthene	9.70E+01 F	1 / 14	<	6.54E-02	3.70E-01	U	<	6.54E-02	3.60E-01	U	<	6.54E-02	3.70E-01	U
Fluorene	ND	0 / 14	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.70E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.70E-01	U	<	6.03E-02	3.60E-01	U	<	6.03E-02	3.70E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.70E-01	U	<	5.17E-02	3.60E-01	U	<	5.17E-02	3.70E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.70E-01	U	<	4.40E-02	3.60E-01	U	<	4.40E-02	3.70E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.70E-01	U
Indeno(1,2,3-cd)pyrene	ND	0 / 14	<	6.04E-02	3.70E-01	U	<	6.04E-02	3.60E-01	U	<	6.04E-02	3.70E-01	U
Isophorone	ND	0 / 14	<	5.70E-02	3.70E-01	U	<	5.70E-02	3.60E-01	U	<	5.70E-02	3.70E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.70E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.70E-01	U	<	4.98E-02	3.60E-01	U	<	4.98E-02	3.70E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.70E-01	U	<	5.49E-02	3.60E-01	U	<	5.49E-02	3.70E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.70E-01	U	<	5.06E-02	3.60E-01	U	<	5.06E-02	3.70E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.40E-01	U	<	5.87E-02	7.10E-01	U	<	5.87E-02	7.30E-01	U
Phenanthrene	ND	0 / 14	<	5.82E-02	3.70E-01	U	<	5.82E-02	3.60E-01	U	<	5.82E-02	3.70E-01	U
Phenol	ND	1 / 14	<	4.30E-02	3.70E-01	U	<	4.30E-02	3.60E-01	U	<	4.30E-02	3.70E-01	U
Pyrene	1.00E+02 F	1 / 14	<	5.41E-02	3.70E-01	U	<	5.41E-02	3.60E-01	U	<	5.41E-02	3.70E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB04-08				C26-SB04-13				C26-SB05-02			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)														
4,4-DDD	6.40E+01	2 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
4,4-DDE	4.90E+02	3 / 14	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U
4,4-DDT	3.60E+01	3 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
Aldrin	ND	0 / 14	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
alpha-Chlordane	4.70E-02	4 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
beta-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
gamma-Chlordane	4.90E-02	6 / 14	<	9.00E-04	4.00E-03	U	1.60E+00	9.00E-04	4.00E-03	F	<	9.00E-04	4.00E-03	U
Heptachlor	6.10E+00	1 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Methoxychlor	1.90E-03 F	1 / 14	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)														
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	5.00E-02	U	<	1.00E-02	6.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	5.00E-02	U	<	5.00E-03	6.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	5.00E-02	U	<	4.00E-03	6.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	5.00E-02	U	<	3.00E-03	6.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	5.00E-02	U	<	1.00E-03	6.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	5.00E-02	U	<	2.00E-03	6.00E-02	U
Aroclor 1260	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	5.00E-02	U	<	4.00E-03	6.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	5.80E+02	12 / 14	2.20E+01	1.00E+00	1.10E+01		7.20E+01	2.00E+00	2.20E+01		3.90E+00	1.00E+00	1.10E+01	F
Gasoline Range Organics	ND	0 / 14	<	3.40E-01	1.10E+00	U	<	3.20E-01	1.10E+00	U	<	3.30E-01	1.10E+00	U
Motor Oils	1.50E+03	12 / 14	5.00E+01	3.50E+00	1.10E+01		1.80E+02	7.00E+00	2.20E+01		7.00E+00	3.50E+00	1.10E+01	F
METALS (mg/kg)														
Aluminum	1.31E+04	14 / 14	5.46E+03	2.60E+01	3.39E+02		3.55E+03	1.02E+00	1.30E+01		1.31E+04	1.00E+01	1.33E+02	
Antimony	2.50E-01 F	2 / 14	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	3.60E+00 J	14 / 14	1.70E+00	9.00E-02	7.00E-01		2.60E+00	9.00E-02	7.00E-01		3.30E+00	9.00E-02	7.00E-01	
Barium	1.44E+03	14 / 14	3.35E+02	1.30E+00	1.40E+01		1.73E+02	5.00E-02	5.00E-01		1.32E+02	5.00E-02	6.00E-01	
Beryllium	4.80E-01	14 / 14	2.60E-01	4.00E-02	2.00E-01		1.10E-01	4.00E-02	2.00E-01	F	4.80E-01	4.00E-02	2.00E-01	
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	U	<	3.00E-02	5.00E-01	U	<	3.00E-02	6.00E-01	U
Calcium	2.71E+05	14 / 14	1.58E+05	2.10E+01	2.82E+02		2.31E+05	2.10E+01	2.69E+02		8.67E+04	8.20E+00	1.11E+02	

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB04-08				C26-SB04-13				C26-SB05-02			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	1.12E+01	14 / 14	5.00E+00	3.00E-02	6.00E-01		3.00E+00	3.00E-02	5.00E-01		1.12E+01	3.00E-02	6.00E-01	
Cobalt	3.00E+00	14 / 14	1.50E+00	5.00E-02	6.00E-01		9.40E-01	5.00E-02	5.00E-01		3.00E+00	5.00E-02	6.00E-01	
Copper	6.40E+00	14 / 14	1.70E+00	9.00E-02	6.00E-01		1.20E+00	9.00E-02	5.00E-01		6.40E+00	9.00E-02	6.00E-01	
Iron	1.09E+04	14 / 14	5.42E+03	1.80E+01	1.41E+02		2.09E+03	7.10E-01	5.40E+00		1.04E+04	7.10E+00	5.50E+01	
Lead	2.12E+01	13 / 14	3.40E+00	9.00E-02	5.60E+00	F	1.60E+00	9.00E-02	5.40E+00	F	5.20E+00	9.00E-02	5.50E+00	F
Magnesium	1.33E+04	14 / 14	3.00E+03	7.40E-01	9.00E+00		4.31E+03	7.40E-01	8.60E+00		2.72E+03	7.40E-01	8.90E+00	
Manganese	1.41E+02	13 / 14	3.98E+01	1.30E-01	6.00E-01		1.00E+01	1.30E-01	5.00E-01		1.41E+02	1.30E-01	6.00E-01	
Mercury	4.60E-02 F	9 / 14	<	1.00E-02	1.00E-01	UB	<	1.00E-02	1.00E-01	UB	4.20E-02	1.00E-02	1.00E-01	F
Nickel	8.80E+00	14 / 14	5.20E+00	7.00E-02	6.00E-01		2.60E+00	7.00E-02	5.00E-01		8.80E+00	7.00E-02	6.00E-01	
Potassium	2.34E+03	14 / 14	1.08E+03	1.39E+01	1.13E+02		7.54E+02	1.39E+01	1.08E+02		2.34E+03	1.39E+01	1.11E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	1.50E-01 F	4 / 14	<	4.00E-02	2.00E-01	U	1.50E-01	4.00E-02	2.00E-01	F	5.40E-02	4.00E-02	2.00E-01	F
Sodium	2.98E+02	14 / 14	1.06E+02	7.36E+00	1.13E+02	F	1.80E+02	7.36E+00	1.08E+02		7.44E+01	7.36E+00	1.11E+02	F
Thallium	6.50E-01 F	7 / 14	<	2.10E-01	2.30E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U
Vanadium	1.96E+01	14 / 14	1.28E+01	6.00E-02	6.00E-01		8.10E+00	6.00E-02	5.00E-01		1.96E+01	6.00E-02	6.00E-01	
Zinc	1.77E+01 J	10 / 14	2.50E+00	1.15E+00	5.60E+00	F	<	1.15E+00	5.40E+00	U	1.72E+01	1.15E+00	5.50E+00	

Notes:

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

ND = Not Detected

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB05-18				C26-SB06-08				C26-SB06-10			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)														
1,1,1-Trichloroethane	ND	0 / 14	<	9.20E-04	5.70E-03	U	<	9.20E-04	5.70E-03	U	<	9.00E-04	5.50E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.70E-03	U	<	1.40E-03	5.70E-03	U	<	1.40E-03	5.50E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.40E-04	5.70E-03	U	<	9.50E-04	5.70E-03	U	<	9.20E-04	5.50E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.50E-04	5.70E-03	U	<	5.50E-04	5.70E-03	U	<	5.30E-04	5.50E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.30E-03	5.70E-03	U	<	1.30E-03	5.70E-03	U	<	1.30E-03	5.50E-03	U
1,1-Dichloroethene	ND	0 / 14	<	9.00E-04	5.70E-03	U	<	9.00E-04	5.70E-03	U	<	8.80E-04	5.50E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.90E-04	5.70E-03	U	<	5.90E-04	5.70E-03	U	<	5.80E-04	5.50E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.70E-03	U	<	1.30E-03	5.70E-03	U	<	1.30E-03	5.50E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.50E-03	8.00E-03	U	<	2.50E-03	8.00E-03	U	<	2.40E-03	7.80E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.80E-04	5.70E-03	U	<	6.80E-04	5.70E-03	U	<	6.70E-04	5.50E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.10E-03	5.70E-03	U	<	1.10E-03	5.70E-03	U	<	6.70E-04	5.50E-03	U
1,2-Dichloroethane	ND	0 / 14	<	8.20E-04	5.70E-03	U	<	8.20E-04	5.70E-03	U	<	8.00E-04	5.50E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.70E-03	U	<	1.20E-03	5.70E-03	U	<	1.20E-03	5.50E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.70E-03	U	<	1.50E-03	5.70E-03	U	<	1.50E-03	5.50E-03	U
1,2-Dichloropropane	ND	0 / 14	<	7.00E-04	5.70E-03	U	<	7.10E-04	5.70E-03	U	<	6.90E-04	5.50E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.70E-03	U	<	1.10E-03	5.70E-03	U	<	1.10E-03	5.50E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.80E-04	5.70E-03	U	<	6.80E-04	5.70E-03	U	<	6.70E-04	5.50E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.60E-04	5.70E-03	U	<	7.60E-04	5.70E-03	U	<	7.40E-04	5.50E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.70E-03	U	<	1.80E-04	5.70E-03	U	<	1.80E-04	5.50E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.10E-03	5.70E-03	U	<	1.10E-03	5.70E-03	U	<	1.00E-03	5.50E-03	U
Acetone	ND	0 / 14	<	3.20E-03	5.70E-02	U	<	3.20E-03	5.70E-02	U	<	3.10E-03	5.50E-02	U
Benzene	ND	0 / 14	<	7.20E-04	5.70E-03	U	<	7.20E-04	5.70E-03	U	<	7.00E-04	5.50E-03	U
Benzyl Chloride	ND	0 / 14	<	2.30E-03	2.30E-02	U	<	2.30E-03	2.30E-02	U	<	2.20E-03	2.20E-02	U
Bromodichloromethane	ND	0 / 14	<	7.80E-04	5.70E-03	U	<	7.90E-04	5.70E-03	U	<	7.60E-04	5.50E-03	U
Bromoform	ND	0 / 14	<	9.10E-04	5.70E-03	U	<	9.10E-04	5.70E-03	U	<	8.90E-04	5.50E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.70E-03	U	<	1.20E-03	5.70E-03	U	<	1.20E-03	5.50E-03	U
Carbon Tetrachloride	ND	0 / 14	<	9.10E-04	5.70E-03	U	<	9.10E-04	5.70E-03	U	<	8.90E-04	5.50E-03	U
Chlorobenzene	ND	0 / 14	<	5.60E-04	5.70E-03	U	<	5.60E-04	5.70E-03	U	<	5.40E-04	5.50E-03	U
Chloroethane	ND	0 / 14	<	1.80E-03	5.70E-03	U	<	1.80E-03	5.70E-03	U	<	1.70E-03	5.50E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.70E-03	U	<	1.60E-03	5.70E-03	U	<	1.60E-03	5.50E-03	U
Chloromethane	ND	0 / 14	<	2.10E-03	6.80E-03	U	<	2.10E-03	6.80E-03	U	<	2.00E-03	6.70E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.30E-04	5.70E-03	U	<	5.40E-04	5.70E-03	U	<	5.20E-04	5.50E-03	U
Cyclohexane	ND	0 / 14	<	9.30E-04	5.70E-03	U	<	9.30E-04	5.70E-03	U	<	9.10E-04	5.50E-03	U
Dibromochloromethane	ND	0 / 14	<	9.70E-04	5.70E-03	U	<	9.70E-04	5.70E-03	U	<	9.40E-04	5.50E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.40E-04	1.10E-02	U	<	9.50E-04	1.10E-02	U	<	9.20E-04	1.10E-02	U
Ethylbenzene	1.10E+00 F	1 / 14	<	7.30E-04	5.70E-03	U	<	7.30E-04	5.70E-03	U	<	7.10E-04	5.50E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.80E-04	5.70E-03	U	<	6.80E-04	5.70E-03	U	<	6.70E-04	5.50E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.30E-03	5.70E-03	U	<	1.30E-03	5.70E-03	U	<	1.20E-03	5.50E-03	U
m,p-Xylene (sum of isomers)	5.20E+00 F	1 / 14	<	4.90E-04	5.70E-03	U	<	4.90E-04	5.70E-03	U	<	4.80E-04	5.50E-03	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB05-18				C26-SB06-08				C26-SB06-10			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	8.10E-04	5.70E-03	U	<	8.10E-04	5.70E-03	U	<	7.90E-04	5.50E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	1.00E-03	5.70E-03	U	<	1.00E-03	5.70E-03	U	<	9.90E-04	5.50E-03	U
Methylcyclohexane	ND	0 / 14	<	2.30E-03	2.30E-02	U	<	2.30E-03	2.30E-02	U	<	2.20E-03	2.20E-02	U
Methylene Chloride	ND	0 / 14	<	5.20E-03	5.70E-02	U	<	5.20E-03	5.70E-02	U	<	5.10E-03	5.50E-02	U
o-Xylene (1,2-Dimethylbenzene)	1.80E+00 F	1 / 14	<	6.90E-04	5.70E-03	U	<	6.90E-04	5.70E-03	U	<	6.80E-04	5.50E-03	U
Styrene	ND	0 / 14	<	7.80E-04	5.70E-03	U	<	7.90E-04	5.70E-03	U	<	7.60E-04	5.50E-03	U
Tetrachloroethene	ND	0 / 14	<	6.10E-04	5.70E-03	U	<	6.20E-04	5.70E-03	U	<	6.00E-04	5.50E-03	U
Toluene	ND	0 / 14	<	7.40E-04	5.70E-03	U	<	7.40E-04	5.70E-03	U	<	7.20E-04	5.50E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.90E-04	5.70E-03	U	<	4.90E-04	5.70E-03	U	<	4.80E-04	5.50E-03	U
Trichloroethene	ND	0 / 14	<	8.10E-04	5.70E-03	U	<	8.10E-04	5.70E-03	U	<	7.90E-04	5.50E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.70E-03	U	<	1.40E-03	5.70E-03	U	<	1.40E-03	5.50E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.90E-03	5.70E-03	U	<	1.90E-03	5.70E-03	U	<	1.90E-03	5.50E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)														
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.80E-01	U	<	4.73E-02	3.80E-01	U	<	4.73E-02	3.70E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.80E-01	U	<	6.01E-02	3.80E-01	U	<	6.01E-02	3.70E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.80E-01	U	<	4.83E-02	3.80E-01	U	<	4.83E-02	3.70E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.80E-01	U	<	5.05E-02	3.80E-01	U	<	5.05E-02	3.70E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.80E-01	U	<	4.39E-02	3.80E-01	U	<	4.39E-02	3.70E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.50E-01	U	<	5.37E-02	7.50E-01	U	<	5.37E-02	7.30E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.80E-01	U	<	6.38E-02	3.80E-01	U	<	6.38E-02	3.70E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.80E-01	U	<	6.06E-02	3.80E-01	U	<	6.06E-02	3.70E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.80E-01	U	<	5.24E-02	3.80E-01	U	<	5.24E-02	3.70E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.80E-01	U	<	4.43E-02	3.80E-01	U	<	4.43E-02	3.70E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.80E-01	U	<	5.04E-02	3.80E-01	U	<	5.04E-02	3.70E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.80E-01	U	<	4.52E-02	3.80E-01	U	<	4.52E-02	3.70E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.50E-01	U	<	6.24E-02	7.50E-01	U	<	6.24E-02	7.30E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.80E-01	U	<	4.78E-02	3.80E-01	U	<	4.78E-02	3.70E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.50E-01	U	<	5.63E-02	7.50E-01	U	<	5.63E-02	7.30E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.50E-01	U	<	6.11E-02	7.50E-01	U	<	6.11E-02	7.30E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.50E-01	U	<	5.64E-02	7.50E-01	U	<	5.64E-02	7.30E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.80E-01	U	<	5.66E-02	3.80E-01	U	<	5.66E-02	3.70E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.80E-01	U	<	5.88E-02	3.80E-01	U	<	5.88E-02	3.70E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.50E-01	U	<	1.65E-02	7.50E-01	U	<	1.65E-02	7.30E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.80E-01	U	<	6.07E-02	3.80E-01	U	<	6.07E-02	3.70E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.80E-01	U	<	4.64E-02	3.80E-01	U	<	4.64E-02	3.70E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.80E-01	U	<	7.28E-02	3.80E-01	U	<	7.28E-02	3.70E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.50E-01	U	<	5.98E-02	7.50E-01	U	<	5.98E-02	7.30E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.80E-01	U	<	5.38E-02	3.80E-01	U	<	5.38E-02	3.70E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.80E-01	U	<	5.31E-02	3.80E-01	U	<	5.31E-02	3.70E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB05-18				C26-SB06-08				C26-SB06-10			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.70E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.80E-01	U	<	6.13E-02	3.80E-01	U	<	6.13E-02	3.70E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.70E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.70E-01	U
Benzo(a)anthracene	ND	0 / 14	<	5.80E-02	3.80E-01	U	<	5.80E-02	3.80E-01	U	<	5.80E-02	3.70E-01	U
Benzo(a)pyrene	ND	0 / 14	<	5.07E-02	3.80E-01	U	<	5.07E-02	3.80E-01	U	<	5.07E-02	3.70E-01	U
Benzo(b)fluoranthene	ND	0 / 14	<	6.00E-02	3.80E-01	U	<	6.00E-02	3.80E-01	U	<	6.00E-02	3.70E-01	U
Benzo(g,h,i)perylene	ND	0 / 14	<	5.52E-02	3.80E-01	U	<	5.52E-02	3.80E-01	U	<	5.52E-02	3.70E-01	U
Benzo(k)fluoranthene	ND	0 / 14	<	6.10E-02	3.80E-01	U	<	6.10E-02	3.80E-01	U	<	6.10E-02	3.70E-01	U
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.70E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.80E-01	U	<	4.99E-02	3.80E-01	U	<	4.99E-02	3.70E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.80E-01	U	<	5.00E-02	3.80E-01	U	<	5.00E-02	3.70E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.80E-01	UB	<	6.16E-02	3.80E-01	UB	<	6.16E-02	3.70E-01	UB
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.80E-01	U	<	5.55E-02	3.80E-01	U	<	5.55E-02	3.70E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.80E-01	U	<	9.00E-02	3.70E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.80E-01	U	<	8.16E-02	3.80E-01	U	<	8.16E-02	3.70E-01	U
Chrysene	ND	0 / 14	<	6.06E-02	3.80E-01	U	<	6.06E-02	3.80E-01	U	<	6.06E-02	3.70E-01	U
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.80E-01	U	<	5.94E-02	3.80E-01	U	<	5.94E-02	3.70E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.80E-01	U	<	5.73E-02	3.80E-01	U	<	5.73E-02	3.70E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.80E-01	U	<	6.21E-02	3.80E-01	U	<	6.21E-02	3.70E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.80E-01	U	<	6.33E-02	3.80E-01	U	<	6.33E-02	3.70E-01	U
Di-n-butylphthalate	7.20E+03	1 / 14	<	6.59E-02	3.80E-01	UB	<	6.59E-02	3.80E-01	UB	<	6.59E-02	3.70E-01	UB
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.80E-01	U	<	5.84E-02	3.80E-01	U	<	5.84E-02	3.70E-01	U
Fluoranthene	9.70E+01 F	1 / 14	<	6.54E-02	3.80E-01	U	<	6.54E-02	3.80E-01	U	<	6.54E-02	3.70E-01	U
Fluorene	ND	0 / 14	<	6.13E-02	3.80E-01	U	<	6.13E-02	3.80E-01	U	<	6.13E-02	3.70E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.80E-01	U	<	6.03E-02	3.80E-01	U	<	6.03E-02	3.70E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.80E-01	U	<	5.17E-02	3.80E-01	U	<	5.17E-02	3.70E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.80E-01	U	<	4.40E-02	3.80E-01	U	<	4.40E-02	3.70E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.80E-01	U	<	4.99E-02	3.80E-01	U	<	4.99E-02	3.70E-01	U
Indeno(1,2,3-cd)pyrene	ND	0 / 14	<	6.04E-02	3.80E-01	U	<	6.04E-02	3.80E-01	U	<	6.04E-02	3.70E-01	U
Isophorone	ND	0 / 14	<	5.70E-02	3.80E-01	U	<	5.70E-02	3.80E-01	U	<	5.70E-02	3.70E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.80E-01	U	<	5.05E-02	3.80E-01	U	<	5.05E-02	3.70E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.80E-01	U	<	4.98E-02	3.80E-01	U	<	4.98E-02	3.70E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.80E-01	U	<	5.49E-02	3.80E-01	U	<	5.49E-02	3.70E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.80E-01	U	<	5.06E-02	3.80E-01	U	<	5.06E-02	3.70E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.50E-01	U	<	5.87E-02	7.50E-01	U	<	5.87E-02	7.30E-01	U
Phenanthrene	ND	0 / 14	<	5.82E-02	3.80E-01	U	<	5.82E-02	3.80E-01	U	<	5.82E-02	3.70E-01	U
Phenol	ND	1 / 14	<	4.30E-02	3.80E-01	U	<	4.30E-02	3.80E-01	U	<	4.30E-02	3.70E-01	UJ
Pyrene	1.00E+02 F	1 / 14	<	5.41E-02	3.80E-01	U	<	5.41E-02	3.80E-01	U	<	5.41E-02	3.70E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB05-18				C26-SB06-08				C26-SB06-10			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)														
4,4-DDD	6.40E+01	2 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	5.00E-03	U	<	4.00E-04	4.00E-03	U
4,4-DDE	4.90E+02	3 / 14	<	1.60E-03	4.00E-03	U	<	1.60E-03	5.00E-03	U	<	1.60E-03	4.00E-03	U
4,4-DDT	3.60E+01	3 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	5.00E-03	U	<	4.00E-04	4.00E-03	U
Aldrin	ND	0 / 14	<	1.40E-03	4.00E-03	U	<	1.40E-03	5.00E-03	U	<	1.40E-03	4.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	5.00E-03	U	<	1.00E-03	4.00E-03	U
alpha-Chlordane	4.70E-02	4 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	5.00E-03	U	<	9.00E-04	4.00E-03	U
beta-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	5.00E-03	U	<	1.00E-03	4.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	4.00E-03	U	<	2.20E-03	5.00E-03	U	<	2.20E-03	4.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	5.00E-03	U	<	2.90E-03	4.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	5.00E-03	U	<	2.90E-03	4.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	5.00E-03	U	<	9.00E-04	4.00E-03	U
gamma-Chlordane	4.90E-02	6 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	5.00E-03	U	<	9.00E-04	4.00E-03	U
Heptachlor	6.10E+00	1 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	5.00E-03	U	<	1.10E-03	4.00E-03	U
Methoxychlor	1.90E-03 F	1 / 14	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)														
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U
Aroclor 1260	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	5.80E+02	12 / 14	<	1.00E+00	1.10E+01	U	4.00E+00	1.00E+00	1.10E+01	F	8.10E+00	1.00E+00	1.10E+01	F
Gasoline Range Organics	ND	0 / 14	<	3.40E-01	1.10E+00	U	<	3.40E-01	1.10E+00	U	<	3.30E-01	1.10E+00	U
Motor Oils	1.50E+03	12 / 14	<	3.50E+00	1.10E+01	U	7.80E+00	3.50E+00	1.10E+01	F	1.40E+01	3.50E+00	1.10E+01	
METALS (mg/kg)														
Aluminum	1.31E+04	14 / 14	9.30E+03	2.00E+01	2.73E+02		6.41E+03	5.10E+00	6.80E+01		6.69E+03	2.60E+01	3.33E+02	
Antimony	2.50E-01 F	2 / 14	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	UJ
Arsenic	3.60E+00 J	14 / 14	1.50E+00	9.00E-02	7.00E-01		3.00E+00	9.00E-02	7.00E-01		2.90E+00	9.00E-02	7.00E-01	J
Barium	1.44E+03	14 / 14	1.28E+02	5.00E-02	6.00E-01		1.14E+03	2.00E+00	2.30E+01		5.35E+02	1.30E+00	1.40E+01	J
Beryllium	4.80E-01	14 / 14	2.40E-01	4.00E-02	2.00E-01		2.20E-01	4.00E-02	2.00E-01		1.90E-01	4.00E-02	2.00E-01	F
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	UJ
Calcium	2.71E+05	14 / 14	1.68E+05	1.60E+01	2.27E+02		2.56E+05	3.30E+01	4.56E+02		2.29E+05	2.10E+01	2.77E+02	

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB05-18				C26-SB06-08				C26-SB06-10			
DATE COLLECTED			June 18, 2008				June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	1.12E+01	14 / 14	6.80E+00	3.00E-02	6.00E-01		4.00E+00	3.00E-02	6.00E-01		5.00E+00	3.00E-02	6.00E-01	J
Cobalt	3.00E+00	14 / 14	7.20E-01	5.00E-02	6.00E-01		4.60E-01	5.00E-02	6.00E-01	F	7.30E-01	5.00E-02	6.00E-01	J
Copper	6.40E+00	14 / 14	2.50E+00	9.00E-02	6.00E-01		1.50E+00	9.00E-02	6.00E-01		2.00E+00	9.00E-02	6.00E-01	J
Iron	1.09E+04	14 / 14	4.35E+03	7.10E-01	5.70E+00		3.20E+03	7.10E-01	5.70E+00		3.56E+03	7.10E-01	5.50E+00	
Lead	2.12E+01	13 / 14	1.70E+00	9.00E-02	5.70E+00	F	1.10E+00	9.00E-02	5.70E+00	F	1.10E+00	9.00E-02	5.50E+00	J
Magnesium	1.33E+04	14 / 14	1.33E+04	1.50E+01	1.82E+02		4.49E+03	7.40E-01	9.10E+00		5.12E+03	7.40E-01	8.90E+00	
Manganese	1.41E+02	13 / 14	1.75E+01	1.30E-01	6.00E-01		1.06E+01	1.30E-01	6.00E-01		1.67E+01	1.30E-01	6.00E-01	J
Mercury	4.60E-02 F	9 / 14	3.10E-02	1.00E-02	1.00E-01	F	4.60E-02	1.00E-02	1.00E-01	F	3.50E-02	1.00E-02	1.00E-01	F
Nickel	8.80E+00	14 / 14	4.70E+00	7.00E-02	6.00E-01		4.20E+00	7.00E-02	6.00E-01		4.50E+00	7.00E-02	6.00E-01	J
Potassium	2.34E+03	14 / 14	1.80E+03	1.39E+01	1.14E+02		1.12E+03	1.39E+01	1.14E+02		1.33E+03	1.39E+01	1.11E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	UJ
Silver	1.50E-01 F	4 / 14	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	2.98E+02	14 / 14	2.98E+02	7.36E+00	1.14E+02		1.89E+02	7.36E+00	1.14E+02		2.53E+02	7.36E+00	1.11E+02	
Thallium	6.50E-01 F	7 / 14	4.40E-01	2.10E-01	2.30E+00	F	5.60E-01	2.10E-01	2.30E+00	F	5.10E-01	2.10E-01	2.20E+00	J
Vanadium	1.96E+01	14 / 14	1.95E+01	6.00E-02	6.00E-01		1.06E+01	6.00E-02	6.00E-01		1.23E+01	6.00E-02	6.00E-01	J
Zinc	1.77E+01 J	10 / 14	1.70E+00	1.15E+00	5.70E+00	F	<	1.15E+00	5.70E+00	U	<	1.15E+00	5.50E+00	UJ

Notes:

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

ND = Not Detected

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB07-06				C26-SB07-12			
DATE COLLECTED			June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)										
1,1,1-Trichloroethane	ND	0 / 14	<	8.90E-04	5.50E-03	U	<	9.10E-04	5.60E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.60E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.20E-04	5.50E-03	U	<	9.30E-04	5.60E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.30E-04	5.50E-03	U	<	5.40E-04	5.60E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.70E-04	5.50E-03	U	<	8.80E-04	5.60E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.70E-04	5.50E-03	U	<	5.80E-04	5.60E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.40E-03	7.70E-03	U	<	2.40E-03	7.80E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.10E-03	5.60E-03	U
1,2-Dichloroethane	ND	0 / 14	<	7.90E-04	5.50E-03	U	<	8.10E-04	5.60E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.60E-03	U
1,2-Dichloropropane	ND	0 / 14	<	6.80E-04	5.50E-03	U	<	6.90E-04	5.60E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.60E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.40E-04	5.50E-03	U	<	7.50E-04	5.60E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.50E-03	U	<	1.80E-04	5.60E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.60E-03	U
Acetone	ND	0 / 14	<	3.10E-03	5.50E-02	U	<	3.10E-03	5.60E-02	U
Benzene	ND	0 / 14	<	7.00E-04	5.50E-03	U	<	7.00E-04	5.60E-03	U
Benzyl Chloride	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Bromodichloromethane	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.70E-04	5.60E-03	U
Bromoform	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	8.90E-04	5.60E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U
Carbon Tetrachloride	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	8.90E-04	5.60E-03	U
Chlorobenzene	ND	0 / 14	<	5.40E-04	5.50E-03	U	<	5.50E-04	5.60E-03	U
Chloroethane	ND	0 / 14	<	1.70E-03	5.50E-03	U	<	1.70E-03	5.60E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.50E-03	U	<	1.60E-03	5.60E-03	U
Chloromethane	ND	0 / 14	<	2.00E-03	6.60E-03	U	<	2.00E-03	6.70E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.20E-04	5.50E-03	U	<	5.30E-04	5.60E-03	U
Cyclohexane	ND	0 / 14	<	9.10E-04	5.50E-03	U	<	9.20E-04	5.60E-03	U
Dibromochloromethane	ND	0 / 14	<	9.40E-04	5.50E-03	U	<	9.50E-04	5.60E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.20E-04	1.10E-02	U	<	9.30E-04	1.10E-02	U
Ethylbenzene	1.10E+00 F	1 / 14	<	7.10E-04	5.50E-03	U	<	7.20E-04	5.60E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U
m,p-Xylene (sum of isomers)	5.20E+00 F	1 / 14	<	4.70E-04	5.50E-03	U	<	4.80E-04	5.60E-03	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB07-06				C26-SB07-12			
DATE COLLECTED			June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	7.90E-04	5.60E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	9.80E-04	5.50E-03	U	<	1.00E-03	5.60E-03	U
Methylcyclohexane	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Methylene Chloride	ND	0 / 14	<	5.10E-03	5.50E-02	U	<	5.10E-03	5.60E-02	U
o-Xylene (1,2-Dimethylbenzene)	1.80E+00 F	1 / 14	<	6.70E-04	5.50E-03	U	<	6.80E-04	5.60E-03	U
Styrene	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.70E-04	5.60E-03	U
Tetrachloroethene	ND	0 / 14	<	6.00E-04	5.50E-03	U	<	6.00E-04	5.60E-03	U
Toluene	ND	0 / 14	<	7.20E-04	5.50E-03	U	<	7.30E-04	5.60E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.70E-04	5.50E-03	U	<	4.80E-04	5.60E-03	U
Trichloroethene	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	7.90E-04	5.60E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.60E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.90E-03	5.50E-03	U	<	1.90E-03	5.60E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)										
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.60E-01	U	<	4.73E-02	3.70E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.60E-01	U	<	6.01E-02	3.70E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.60E-01	U	<	4.83E-02	3.70E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.70E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.60E-01	U	<	4.39E-02	3.70E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.30E-01	U	<	5.37E-02	7.40E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.60E-01	U	<	6.38E-02	3.70E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.70E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.60E-01	U	<	5.24E-02	3.70E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.60E-01	U	<	4.43E-02	3.70E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.60E-01	U	<	5.04E-02	3.70E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.60E-01	U	<	4.52E-02	3.70E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.30E-01	U	<	6.24E-02	7.40E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.60E-01	U	<	4.78E-02	3.70E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.30E-01	U	<	5.63E-02	7.40E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.30E-01	U	<	6.11E-02	7.40E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.30E-01	U	<	5.64E-02	7.40E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.60E-01	U	<	5.66E-02	3.70E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.60E-01	U	<	5.88E-02	3.70E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.30E-01	U	<	1.65E-02	7.40E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.60E-01	U	<	6.07E-02	3.70E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.60E-01	U	<	4.64E-02	3.70E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.60E-01	U	<	7.28E-02	3.70E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.30E-01	U	<	5.98E-02	7.40E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.60E-01	U	<	5.38E-02	3.70E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.60E-01	U	<	5.31E-02	3.70E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB07-06				C26-SB07-12			
DATE COLLECTED			June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.70E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Benzo(a)anthracene	ND	0 / 14	<	5.80E-02	3.60E-01	U	<	5.80E-02	3.70E-01	U
Benzo(a)pyrene	ND	0 / 14	<	5.07E-02	3.60E-01	U	<	5.07E-02	3.70E-01	U
Benzo(b)fluoranthene	ND	0 / 14	<	6.00E-02	3.60E-01	U	<	6.00E-02	3.70E-01	U
Benzo(g,h,i)perylene	ND	0 / 14	<	5.52E-02	3.60E-01	U	<	5.52E-02	3.70E-01	U
Benzo(k)fluoranthene	ND	0 / 14	<	6.10E-02	3.60E-01	U	<	6.10E-02	3.70E-01	U
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.70E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.60E-01	U	<	5.00E-02	3.70E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.60E-01	U	<	6.16E-02	3.70E-01	U
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.60E-01	U	<	5.55E-02	3.70E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.60E-01	U	<	8.16E-02	3.70E-01	U
Chrysene	ND	0 / 14	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.70E-01	U
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.60E-01	U	<	5.94E-02	3.70E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.60E-01	U	<	5.73E-02	3.70E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.60E-01	U	<	6.21E-02	3.70E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.60E-01	U	<	6.33E-02	3.70E-01	U
Di-n-butylphthalate	7.20E+03	1 / 14	<	6.59E-02	3.60E-01	U	<	6.59E-02	3.70E-01	U
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.60E-01	U	<	5.84E-02	3.70E-01	U
Fluoranthene	9.70E+01 F	1 / 14	<	6.54E-02	3.60E-01	U	<	6.54E-02	3.70E-01	U
Fluorene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.70E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.60E-01	U	<	6.03E-02	3.70E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.60E-01	U	<	5.17E-02	3.70E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.60E-01	U	<	4.40E-02	3.70E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.70E-01	U
Indeno(1,2,3-cd)pyrene	ND	0 / 14	<	6.04E-02	3.60E-01	U	<	6.04E-02	3.70E-01	U
Isophorone	ND	0 / 14	<	5.70E-02	3.60E-01	U	<	5.70E-02	3.70E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.70E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.60E-01	U	<	4.98E-02	3.70E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.60E-01	U	<	5.49E-02	3.70E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.60E-01	U	<	5.06E-02	3.70E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.30E-01	U	<	5.87E-02	7.40E-01	U
Phenanthrene	ND	0 / 14	<	5.82E-02	3.60E-01	U	<	5.82E-02	3.70E-01	U
Phenol	ND	1 / 14	<	4.30E-02	3.60E-01	U	<	4.30E-02	3.70E-01	U
Pyrene	1.00E+02 F	1 / 14	<	5.41E-02	3.60E-01	U	<	5.41E-02	3.70E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB07-06				C26-SB07-12			
DATE COLLECTED			June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)										
4,4-DDD	6.40E+01	2 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
4,4-DDE	4.90E+02	3 / 14	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U
4,4-DDT	3.60E+01	3 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
Aldrin	ND	0 / 14	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
alpha-Chlordane	4.70E-02	4 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
beta-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
gamma-Chlordane	4.90E-02	6 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
Heptachlor	6.10E+00	1 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Methoxychlor	1.90E-03 F	1 / 14	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)										
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U
Aroclor 1260	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)										
Diesel Range Organics	5.80E+02	12 / 14	6.60E+00	1.00E+00	1.10E+01	F	<	1.00E+00	1.10E+01	U
Gasoline Range Organics	ND	0 / 14	<	3.30E-01	1.10E+00	U	<	3.40E-01	1.10E+00	U
Motor Oils	1.50E+03	12 / 14	1.30E+01	3.50E+00	1.10E+01		<	3.50E+00	1.10E+01	U
METALS (mg/kg)										
Aluminum	1.31E+04	14 / 14	7.76E+03	2.00E+01	2.65E+02		8.13E+03	2.00E+01	2.68E+02	
Antimony	2.50E-01 F	2 / 14	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	3.60E+00 J	14 / 14	2.60E+00	9.00E-02	7.00E-01		1.10E+00	9.00E-02	7.00E-01	
Barium	1.44E+03	14 / 14	1.41E+03	1.00E+00	1.10E+01		1.16E+02	5.00E-02	6.00E-01	
Beryllium	4.80E-01	14 / 14	3.20E-01	4.00E-02	2.00E-01		2.50E-01	4.00E-02	2.00E-01	
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U
Calcium	2.71E+05	14 / 14	1.62E+05	1.60E+01	2.21E+02		1.45E+05	1.60E+01	2.24E+02	

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

FIELD ID			C26-SB07-06				C26-SB07-12			
DATE COLLECTED			June 18, 2008				June 18, 2008			
0.001	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	1.12E+01	14 / 14	5.30E+00	3.00E-02	6.00E-01		4.90E+00	3.00E-02	6.00E-01	
Cobalt	3.00E+00	14 / 14	7.60E-01	5.00E-02	6.00E-01		1.70E+00	5.00E-02	6.00E-01	
Copper	6.40E+00	14 / 14	1.10E+00	9.00E-02	6.00E-01		1.10E+00	9.00E-02	6.00E-01	
Iron	1.09E+04	14 / 14	6.69E+03	1.40E+01	1.10E+02		6.78E+03	1.40E+01	1.12E+02	
Lead	2.12E+01	13 / 14	3.30E+00	9.00E-02	5.50E+00	F	2.50E+00	9.00E-02	5.60E+00	F
Magnesium	1.33E+04	14 / 14	3.09E+03	7.40E-01	8.80E+00		4.46E+03	7.40E-01	8.90E+00	
Manganese	1.41E+02	13 / 14	4.56E+01	1.30E-01	6.00E-01		4.19E+01	1.30E-01	6.00E-01	
Mercury	4.60E-02 F	9 / 14	<	1.00E-02	1.00E-01	UB	<	1.00E-02	1.00E-01	UB
Nickel	8.80E+00	14 / 14	5.30E+00	7.00E-02	6.00E-01		4.40E+00	7.00E-02	6.00E-01	
Potassium	2.34E+03	14 / 14	1.17E+03	1.39E+01	1.10E+02		1.22E+03	1.39E+01	1.12E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	1.50E-01 F	4 / 14	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	2.98E+02	14 / 14	1.23E+02	7.36E+00	1.10E+02		2.04E+02	7.36E+00	1.12E+02	
Thallium	6.50E-01 F	7 / 14	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U
Vanadium	1.96E+01	14 / 14	1.69E+01	6.00E-02	6.00E-01		1.49E+01	6.00E-02	6.00E-01	
Zinc	1.77E+01 J	10 / 14	4.60E+00	1.15E+00	5.50E+00	F	4.90E+00	1.15E+00	5.60E+00	F

Notes:

µg/kg = microgram per kilogram

mg/kg = milligram per kilogram

F = Result between MDL and RL

J = Estimated

MDL = Method Detection Limit

ND = Not Detected

Qual = Qualifier

RL = Reporting Limit

U = Nondetect

UB = Qualified nondetect due to method blank

UJ = Estimated Nondetect

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SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB01-008				C36-SB01-018				C36-SB02-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)														
1,1,1-Trichloroethane	ND	0 / 14	<	9.00E-04	5.50E-03	U	<	9.40E-04	5.50E-03	U	<	8.60E-04	5.30E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.50E-03	U	<	1.30E-03	5.30E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.20E-04	5.50E-03	U	<	9.60E-04	5.50E-03	U	<	8.90E-04	5.30E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.30E-04	5.50E-03	U	<	5.50E-04	5.50E-03	U	<	5.10E-04	5.30E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.50E-03	U	<	1.20E-03	5.30E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	9.10E-04	5.50E-03	U	<	8.40E-04	5.30E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.80E-04	5.50E-03	U	<	6.00E-04	5.50E-03	U	<	5.50E-04	5.30E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.40E-03	5.50E-03	U	<	1.30E-03	5.30E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.40E-03	7.80E-03	U	<	2.50E-03	7.80E-03	U	<	2.30E-03	7.50E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.70E-04	5.50E-03	U	<	6.90E-04	5.50E-03	U	<	6.40E-04	5.30E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.50E-03	U	<	1.00E-03	5.30E-03	U
1,2-Dichloroethane	ND	0 / 14	<	8.00E-04	5.50E-03	U	<	8.30E-04	5.50E-03	U	<	7.70E-04	5.30E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.10E-03	5.30E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.50E-03	U	<	1.60E-03	5.50E-03	U	<	1.40E-03	5.30E-03	U
1,2-Dichloropropane	ND	0 / 14	<	6.90E-04	5.50E-03	U	<	7.20E-04	5.50E-03	U	<	6.60E-04	5.30E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.50E-03	U	<	1.00E-03	5.30E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.70E-04	5.50E-03	U	<	6.90E-04	5.50E-03	U	<	6.40E-04	5.30E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.40E-04	5.50E-03	U	<	7.70E-04	5.50E-03	U	<	7.20E-04	5.30E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.50E-03	U	<	1.80E-04	5.50E-03	U	<	1.70E-04	5.30E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.10E-03	5.50E-03	U	<	9.90E-04	5.30E-03	U
Acetone	ND	0 / 14	<	3.10E-03	5.50E-02	U	<	3.20E-03	5.50E-02	U	<	3.00E-03	5.30E-02	U
Benzene	ND	0 / 14	<	7.00E-04	5.50E-03	U	<	7.30E-04	5.50E-03	U	<	6.70E-04	5.30E-03	U
Benzyl Chloride	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.30E-03	2.20E-02	U	<	2.10E-03	2.10E-02	U
Bromodichloromethane	ND	0 / 14	<	7.70E-04	5.50E-03	U	<	8.00E-04	5.50E-03	U	<	7.40E-04	5.30E-03	U
Bromoform	ND	0 / 14	<	8.90E-04	5.50E-03	U	<	9.20E-04	5.50E-03	U	<	8.50E-04	5.30E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U	<	1.70E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.30E-03	U
Carbon Tetrachloride	ND	0 / 14	<	8.90E-04	5.50E-03	U	<	9.20E-04	5.50E-03	U	<	8.50E-04	5.30E-03	U
Chlorobenzene	ND	0 / 14	<	5.40E-04	5.50E-03	U	<	5.70E-04	5.50E-03	U	<	5.20E-04	5.30E-03	U
Chloroethane	ND	0 / 14	<	1.70E-03	5.50E-03	U	<	1.80E-03	5.50E-03	U	<	1.70E-03	5.30E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.50E-03	U	<	1.70E-03	5.50E-03	U	<	1.50E-03	5.30E-03	U
Chloromethane	ND	0 / 14	<	2.00E-03	6.70E-03	U	<	2.10E-03	6.70E-03	U	<	1.90E-03	6.40E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.20E-04	5.50E-03	U	<	5.40E-04	5.50E-03	U	<	5.00E-04	5.30E-03	U
Cyclohexane	ND	0 / 14	<	9.10E-04	5.50E-03	U	<	9.50E-04	5.50E-03	U	<	8.80E-04	5.30E-03	U
Dibromochloromethane	ND	0 / 14	<	9.40E-04	5.50E-03	U	<	9.80E-04	5.50E-03	U	<	9.10E-04	5.30E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.20E-04	1.10E-02	U	<	9.60E-04	1.10E-02	U	<	8.90E-04	1.10E-02	U
Ethylbenzene	ND	0 / 14	<	7.10E-04	5.50E-03	U	<	7.40E-04	5.50E-03	U	<	6.80E-04	5.30E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.70E-04	5.50E-03	U	<	6.90E-04	5.50E-03	U	<	6.40E-04	5.30E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.30E-03	5.50E-03	U	<	1.20E-03	5.30E-03	U
m,p-Xylene (sum of isomers)	6.00E-04 F	1 / 14	<	4.80E-04	5.50E-03	U	<	5.00E-04	5.50E-03	U	6.00E-04	4.60E-04	5.30E-03	F

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB01-008				C36-SB01-018				C36-SB02-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	3.60E-03 F	1 / 14	<	1.10E-03	1.10E-02	U	<	1.20E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	7.90E-04	5.50E-03	U	<	8.20E-04	5.50E-03	U	<	7.60E-04	5.30E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	9.90E-04	5.50E-03	U	<	1.00E-03	5.50E-03	U	<	9.50E-04	5.30E-03	U
Methylcyclohexane	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.30E-03	2.20E-02	U	<	2.10E-03	2.10E-02	U
Methylene Chloride	ND	0 / 14	<	5.10E-03	5.50E-02	U	<	5.30E-03	5.50E-02	U	<	4.90E-03	5.30E-02	U
o-Xylene (1,2-Dimethylbenzene)	ND	0 / 14	<	6.80E-04	5.50E-03	U	<	7.10E-04	5.50E-03	U	<	6.50E-04	5.30E-03	U
Styrene	ND	0 / 14	<	7.70E-04	5.50E-03	U	<	8.00E-04	5.50E-03	U	<	7.40E-04	5.30E-03	U
Tetrachloroethene	2.90E-03 F	1 / 14	<	6.00E-04	5.50E-03	U	<	6.20E-04	5.50E-03	U	<	5.80E-04	5.30E-03	U
Toluene	ND	0 / 14	<	7.20E-04	5.50E-03	U	<	7.50E-04	5.50E-03	U	<	6.90E-04	5.30E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.80E-04	5.50E-03	U	<	5.00E-04	5.50E-03	U	<	4.60E-04	5.30E-03	U
Trichloroethene	ND	0 / 14	<	7.90E-04	5.50E-03	U	<	8.20E-04	5.50E-03	U	<	7.60E-04	5.30E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.50E-03	5.50E-03	U	<	1.30E-03	5.30E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.20E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.90E-03	5.50E-03	U	<	1.90E-03	5.50E-03	U	<	1.80E-03	5.30E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)														
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.70E-01	U	<	4.73E-02	3.70E-01	U	<	4.73E-02	3.50E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.70E-01	U	<	6.01E-02	3.70E-01	U	<	6.01E-02	3.50E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.70E-01	U	<	4.83E-02	3.70E-01	U	<	4.83E-02	3.50E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.50E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.70E-01	U	<	4.39E-02	3.70E-01	U	<	4.39E-02	3.50E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.30E-01	U	<	5.37E-02	7.30E-01	U	<	5.37E-02	7.00E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.70E-01	U	<	6.38E-02	3.70E-01	U	<	6.38E-02	3.50E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.70E-01	U	<	6.06E-02	3.70E-01	U	<	6.06E-02	3.50E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.70E-01	U	<	5.24E-02	3.70E-01	U	<	5.24E-02	3.50E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.70E-01	U	<	4.43E-02	3.70E-01	U	<	4.43E-02	3.50E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.70E-01	U	<	5.04E-02	3.70E-01	U	<	5.04E-02	3.50E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.70E-01	U	<	4.52E-02	3.70E-01	U	<	4.52E-02	3.50E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.30E-01	U	<	6.24E-02	7.30E-01	U	<	6.24E-02	7.00E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.70E-01	U	<	4.78E-02	3.70E-01	U	<	4.78E-02	3.50E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.30E-01	U	<	5.63E-02	7.30E-01	U	<	5.63E-02	7.00E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.30E-01	U	<	6.11E-02	7.30E-01	U	<	6.11E-02	7.00E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.30E-01	U	<	5.64E-02	7.30E-01	U	<	5.64E-02	7.00E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.70E-01	U	<	5.66E-02	3.70E-01	U	<	5.66E-02	3.50E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.70E-01	U	<	5.88E-02	3.70E-01	U	<	5.88E-02	3.50E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.30E-01	U	<	1.65E-02	7.30E-01	U	<	1.65E-02	7.00E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.70E-01	U	<	6.07E-02	3.70E-01	U	<	6.07E-02	3.50E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.70E-01	U	<	4.64E-02	3.70E-01	U	<	4.64E-02	3.50E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.70E-01	U	<	7.28E-02	3.70E-01	U	<	7.28E-02	3.50E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.30E-01	U	<	5.98E-02	7.30E-01	U	<	5.98E-02	7.00E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.70E-01	U	<	5.38E-02	3.70E-01	U	<	5.38E-02	3.50E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.70E-01	U	<	5.31E-02	3.70E-01	U	<	5.31E-02	3.50E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB01-008				C36-SB01-018				C36-SB02-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.50E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.50E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.50E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.50E-01	U
Benzo(a)anthracene	7.80E-02 F	1 / 14	<	5.80E-02	3.70E-01	U	<	5.80E-02	3.70E-01	U	7.80E-02	5.80E-02	3.50E-01	F
Benzo(a)pyrene	1.10E-01 F	1 / 14	<	5.07E-02	3.70E-01	U	<	5.07E-02	3.70E-01	U	1.10E-01	5.07E-02	3.50E-01	F
Benzo(b)fluoranthene	1.70E-01 F	4 / 14	<	6.00E-02	3.70E-01	U	<	6.00E-02	3.70E-01	U	1.70E-01	6.00E-02	3.50E-01	F
Benzo(g,h,i)perylene	1.10E-01 F	1 / 14	<	5.52E-02	3.70E-01	U	<	5.52E-02	3.70E-01	U	1.10E-01	5.52E-02	3.50E-01	F
Benzo(k)fluoranthene	8.00E-02 F	2 / 14	<	6.10E-02	3.70E-01	U	<	6.10E-02	3.70E-01	U	7.00E-02	6.10E-02	3.50E-01	F
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.50E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.50E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.70E-01	U	<	5.00E-02	3.70E-01	U	<	5.00E-02	3.50E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.70E-01	U	<	6.16E-02	3.70E-01	U	<	6.16E-02	3.50E-01	U
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.70E-01	U	<	5.55E-02	3.70E-01	U	<	5.55E-02	3.50E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.50E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.70E-01	U	<	8.16E-02	3.70E-01	U	<	8.16E-02	3.50E-01	U
Chrysene	1.50E-01 F	3 / 14	<	6.06E-02	3.70E-01	U	<	6.06E-02	3.70E-01	U	1.50E-01	6.06E-02	3.50E-01	F
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.70E-01	U	<	5.94E-02	3.70E-01	U	<	5.94E-02	3.50E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.70E-01	U	<	5.73E-02	3.70E-01	U	<	5.73E-02	3.50E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.70E-01	U	<	6.21E-02	3.70E-01	U	<	6.21E-02	3.50E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.70E-01	U	<	6.33E-02	3.70E-01	U	<	6.33E-02	3.50E-01	U
Di-n-butylphthalate	ND	0 / 14	<	6.59E-02	3.70E-01	U	<	6.59E-02	3.70E-01	U	<	6.59E-02	3.50E-01	U
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.70E-01	U	<	5.84E-02	3.70E-01	U	<	5.84E-02	3.50E-01	U
Fluoranthene	2.50E-01 F	6 / 14	<	6.54E-02	3.70E-01	U	<	6.54E-02	3.70E-01	U	2.50E-01	6.54E-02	3.50E-01	F
Fluorene	ND	0 / 14	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.50E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.70E-01	U	<	6.03E-02	3.70E-01	U	<	6.03E-02	3.50E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.70E-01	U	<	5.17E-02	3.70E-01	U	<	5.17E-02	3.50E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.70E-01	U	<	4.40E-02	3.70E-01	U	<	4.40E-02	3.50E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.50E-01	U
Indeno(1,2,3-cd)pyrene	8.30E-02 F	1 / 14	<	6.04E-02	3.70E-01	U	<	6.04E-02	3.70E-01	U	8.30E-02	6.04E-02	3.50E-01	F
Isophorone	ND	0 / 14	<	5.70E-02	3.70E-01	U	<	5.70E-02	3.70E-01	U	<	5.70E-02	3.50E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.50E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.70E-01	U	<	4.98E-02	3.70E-01	U	<	4.98E-02	3.50E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.70E-01	U	<	5.49E-02	3.70E-01	U	<	5.49E-02	3.50E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.70E-01	U	<	5.06E-02	3.70E-01	U	<	5.06E-02	3.50E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.30E-01	U	<	5.87E-02	7.30E-01	U	<	5.87E-02	7.00E-01	U
Phenanthrene	1.30E-01 F	1 / 14	<	5.82E-02	3.70E-01	U	<	5.82E-02	3.70E-01	U	1.30E-01	5.82E-02	3.50E-01	F
Phenol	ND	0 / 14	<	4.30E-02	3.70E-01	U	<	4.30E-02	3.70E-01	U	<	4.30E-02	3.50E-01	U
Pyrene	2.60E-01 F	6 / 14	<	5.41E-02	3.70E-01	U	<	5.41E-02	3.70E-01	U	2.60E-01	5.41E-02	3.50E-01	F

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB01-008				C36-SB01-018				C36-SB02-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)														
4,4-DDD	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
4,4-DDE	ND	0 / 14	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U
4,4-DDT	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
Aldrin	ND	0 / 14	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
alpha-Chlordane	4.70E-03	1 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	4.70E-03	9.00E-04	4.00E-03	
beta-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
gamma-Chlordane	1.10E+00	3 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	1.20E-02	9.00E-04	4.00E-03	
Heptachlor	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Methoxychlor	6.00E-03 F	2 / 14	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)														
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U	<	1.00E-02	5.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U	<	5.00E-03	5.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U	<	4.00E-03	5.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U	<	3.00E-03	5.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U	<	1.00E-03	5.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U	<	2.00E-03	5.00E-02	U
Aroclor 1260	5.30E-02 F	1 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U	<	4.00E-03	5.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	1.00E+02	9 / 14	3.80E+00	1.00E+00	1.10E+01	F	<	1.00E+00	1.10E+01	U	4.70E+01	2.00E+00	2.10E+01	
Gasoline Range Organics	ND	0 / 14	<	3.30E-01	1.10E+00	U	<	3.30E-01	1.10E+00	U	<	3.20E-01	1.10E+00	U
Motor Oils	1.90E+02	9 / 14	7.20E+00	3.50E+00	1.10E+01	F	<	3.50E+00	1.10E+01	U	1.00E+02	7.00E+00	2.10E+01	
METALS (mg/kg)														
Aluminum	1.28E+04	14 / 14	8.76E+03	2.00E+01	2.66E+02		8.46E+03	2.00E+01	2.66E+02		1.07E+04	2.00E+01	2.56E+02	
Antimony	3.70E-01 F	1 / 14	<	1.00E-01	8.00E-01	U	3.70E-01	1.00E-01	8.00E-01	F	<	1.00E-01	8.00E-01	U
Arsenic	2.70E+00	13 / 14	1.30E-01	9.00E-02	7.00E-01	F	9.30E-01	9.00E-02	7.00E-01		1.10E+00	9.00E-02	6.00E-01	
Barium	1.07E+03	14 / 14	1.91E+02	5.00E-02	6.00E-01	J	1.01E+02	5.00E-02	6.00E-01		5.04E+02	1.00E+00	1.10E+01	
Beryllium	6.50E-01	14 / 14	3.20E-01	4.00E-02	2.00E-01		4.30E-01	4.00E-02	2.00E-01		3.50E-01	4.00E-02	2.00E-01	
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	UJ	<	3.00E-02	6.00E-01	U	<	3.00E-02	5.00E-01	U
Calcium	1.91E+05	14 / 14	1.25E+05	1.60E+01	2.22E+02		7.31E+04	1.60E+01	2.22E+02		1.10E+05	1.60E+01	2.13E+02	

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB01-008				C36-SB01-018				C36-SB02-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	9.90E+00	14 / 14	6.80E+00	3.00E-02	6.00E-01		6.90E+00	3.00E-02	6.00E-01		8.20E+00	3.00E-02	5.00E-01	
Cobalt	2.70E+00	14 / 14	1.90E+00	5.00E-02	6.00E-01	J	2.20E+00	5.00E-02	6.00E-01		1.80E+00	5.00E-02	5.00E-01	
Copper	4.70E+00	14 / 14	1.90E+00	9.00E-02	6.00E-01		1.60E+00	9.00E-02	6.00E-01		4.70E+00	9.00E-02	5.00E-01	
Iron	1.02E+04	14 / 14	7.77E+03	1.40E+01	1.11E+02		7.56E+03	1.40E+01	1.11E+02		9.31E+03	1.40E+01	1.07E+02	
Lead	6.19E+01	14 / 14	3.70E+00	9.00E-02	5.50E+00	J	4.40E+00	9.00E-02	5.50E+00	F	6.19E+01	9.00E-02	5.30E+00	
Magnesium	5.75E+03	14 / 14	3.24E+03	7.40E-01	8.90E+00		3.78E+03	7.40E-01	8.90E+00		2.81E+03	7.40E-01	8.50E+00	
Manganese	1.24E+02	14 / 14	7.05E+01	1.30E-01	6.00E-01		7.14E+01	1.30E-01	6.00E-01		8.20E+01	1.30E-01	5.00E-01	
Mercury	1.80E-02 J	7 / 14	1.80E-02	1.00E-02	1.00E-01	J	<	1.00E-02	1.00E-01	U	1.80E-02	1.00E-02	1.00E-01	F
Nickel	8.00E+00	14 / 14	6.10E+00	7.00E-02	6.00E-01	J	5.50E+00	7.00E-02	6.00E-01		6.60E+00	7.00E-02	5.00E-01	
Potassium	3.29E+03	14 / 14	1.83E+03	1.39E+01	1.11E+02	J	2.17E+03	1.39E+01	1.11E+02		1.75E+03	1.39E+01	1.07E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	UJ	<	2.40E-01	9.00E-01	U	<	2.40E-01	8.00E-01	U
Silver	ND	0 / 14	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	2.44E+02	12 / 14	8.00E+01	7.36E+00	1.11E+02	F	2.05E+02	7.36E+00	1.11E+02		5.03E+01	7.36E+00	1.07E+02	F
Thallium	ND	0 / 14	<	2.10E-01	2.20E+00	UJ	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.10E+00	U
Vanadium	2.00E+01	14 / 14	1.79E+01	6.00E-02	6.00E-01		1.50E+01	6.00E-02	6.00E-01		1.84E+01	6.00E-02	5.00E-01	
Zinc	2.90E+01	14 / 14	9.70E+00	1.15E+00	5.50E+00	J	1.13E+01	1.15E+00	5.50E+00		2.90E+01	1.15E+00	5.30E+00	

Notes:
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
ND = Not Detected
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB02-018				C36-SB03-010				C36-SB03-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)														
1,1,1-Trichloroethane	ND	0 / 14	<	8.90E-04	5.50E-03	U	<	8.80E-04	5.40E-03	U	<	8.70E-04	5.40E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.30E-03	5.40E-03	U	<	1.30E-03	5.40E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.10E-04	5.50E-03	U	<	9.00E-04	5.40E-03	U	<	9.00E-04	5.40E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.30E-04	5.50E-03	U	<	5.20E-04	5.40E-03	U	<	5.20E-04	5.40E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.40E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.70E-04	5.50E-03	U	<	8.60E-04	5.40E-03	U	<	8.50E-04	5.40E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.70E-04	5.50E-03	U	<	5.70E-04	5.40E-03	U	<	5.60E-04	5.40E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.40E-03	U	<	1.30E-03	5.40E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.40E-03	7.70E-03	U	<	2.40E-03	7.60E-03	U	<	2.40E-03	7.60E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.50E-04	5.40E-03	U	<	6.50E-04	5.40E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.40E-03	U	<	1.00E-03	5.40E-03	U
1,2-Dichloroethane	ND	0 / 14	<	7.90E-04	5.50E-03	U	<	7.80E-04	5.40E-03	U	<	7.80E-04	5.40E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.40E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.40E-03	U	<	1.50E-03	5.40E-03	U
1,2-Dichloropropane	ND	0 / 14	<	6.80E-04	5.50E-03	U	<	6.70E-04	5.40E-03	U	<	6.70E-04	5.40E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.40E-03	U	<	1.00E-03	5.40E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.50E-04	5.40E-03	U	<	6.50E-04	5.40E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.40E-04	5.50E-03	U	<	7.30E-04	5.40E-03	U	<	7.20E-04	5.40E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.50E-03	U	<	1.70E-04	5.40E-03	U	<	1.70E-04	5.40E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.40E-03	U	<	1.00E-03	5.40E-03	U
Acetone	ND	0 / 14	<	3.10E-03	5.50E-02	U	<	3.00E-03	5.40E-02	U	<	3.00E-03	5.40E-02	U
Benzene	ND	0 / 14	<	6.90E-04	5.50E-03	U	<	6.80E-04	5.40E-03	U	<	6.80E-04	5.40E-03	U
Benzyl Chloride	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Bromodichloromethane	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.50E-04	5.40E-03	U	<	7.40E-04	5.40E-03	U
Bromoform	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	8.70E-04	5.40E-03	U	<	8.60E-04	5.40E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.10E-02	U	<	1.70E-03	1.10E-02	U	<	1.70E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.40E-03	U
Carbon Tetrachloride	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	8.70E-04	5.40E-03	U	<	8.60E-04	5.40E-03	U
Chlorobenzene	ND	0 / 14	<	5.40E-04	5.50E-03	U	<	5.30E-04	5.40E-03	U	<	5.30E-04	5.40E-03	U
Chloroethane	ND	0 / 14	<	1.70E-03	5.50E-03	U	<	1.70E-03	5.40E-03	U	<	1.70E-03	5.40E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.50E-03	U	<	1.60E-03	5.40E-03	U	<	1.50E-03	5.40E-03	U
Chloromethane	ND	0 / 14	<	2.00E-03	6.60E-03	U	<	2.00E-03	6.50E-03	U	<	2.00E-03	6.50E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.20E-04	5.50E-03	U	<	5.10E-04	5.40E-03	U	<	5.10E-04	5.40E-03	U
Cyclohexane	ND	0 / 14	<	9.00E-04	5.50E-03	U	<	8.90E-04	5.40E-03	U	<	8.80E-04	5.40E-03	U
Dibromochloromethane	ND	0 / 14	<	9.40E-04	5.50E-03	U	<	9.20E-04	5.40E-03	U	<	9.20E-04	5.40E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.10E-04	1.10E-02	U	<	9.00E-04	1.10E-02	U	<	9.00E-04	1.10E-02	U
Ethylbenzene	ND	0 / 14	<	7.00E-04	5.50E-03	U	<	7.00E-04	5.40E-03	U	<	6.90E-04	5.40E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.50E-04	5.40E-03	U	<	6.50E-04	5.40E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.40E-03	U
m,p-Xylene (sum of isomers)	6.00E-04 F	1 / 14	<	4.70E-04	5.50E-03	U	<	4.70E-04	5.40E-03	U	<	4.60E-04	5.40E-03	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB02-018				C36-SB03-010				C36-SB03-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	3.60E-03 F	1 / 14	3.60E-03	1.10E-03	1.10E-02	F	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	7.70E-04	5.40E-03	U	<	7.70E-04	5.40E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	9.80E-04	5.50E-03	U	<	9.70E-04	5.40E-03	U	<	9.60E-04	5.40E-03	U
Methylcyclohexane	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Methylene Chloride	ND	0 / 14	<	5.00E-03	5.50E-02	U	<	5.00E-03	5.40E-02	U	<	4.90E-03	5.40E-02	U
o-Xylene (1,2-Dimethylbenzene)	ND	0 / 14	<	6.70E-04	5.50E-03	U	<	6.60E-04	5.40E-03	U	<	6.60E-04	5.40E-03	U
Styrene	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.50E-04	5.40E-03	U	<	7.40E-04	5.40E-03	U
Tetrachloroethene	2.90E-03 F	1 / 14	<	5.90E-04	5.50E-03	U	<	5.90E-04	5.40E-03	U	<	5.80E-04	5.40E-03	U
Toluene	ND	0 / 14	<	7.20E-04	5.50E-03	U	<	7.10E-04	5.40E-03	U	<	7.00E-04	5.40E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.70E-04	5.50E-03	U	<	4.70E-04	5.40E-03	U	<	4.60E-04	5.40E-03	U
Trichloroethene	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	7.70E-04	5.40E-03	U	<	7.70E-04	5.40E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.40E-03	U	<	1.40E-03	5.40E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.90E-03	5.50E-03	U	<	1.80E-03	5.40E-03	U	<	1.80E-03	5.40E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)														
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.60E-01	U	<	4.73E-02	3.60E-01	U	<	4.73E-02	3.60E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.60E-01	U	<	6.01E-02	3.60E-01	U	<	6.01E-02	3.60E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.60E-01	U	<	4.83E-02	3.60E-01	U	<	4.83E-02	3.60E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.60E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.60E-01	U	<	4.39E-02	3.60E-01	U	<	4.39E-02	3.60E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.30E-01	U	<	5.37E-02	7.20E-01	U	<	5.37E-02	7.10E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.60E-01	U	<	6.38E-02	3.60E-01	U	<	6.38E-02	3.60E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.60E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.60E-01	U	<	5.24E-02	3.60E-01	U	<	5.24E-02	3.60E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.60E-01	U	<	4.43E-02	3.60E-01	U	<	4.43E-02	3.60E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.60E-01	U	<	5.04E-02	3.60E-01	U	<	5.04E-02	3.60E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.60E-01	U	<	4.52E-02	3.60E-01	U	<	4.52E-02	3.60E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.30E-01	U	<	6.24E-02	7.20E-01	U	<	6.24E-02	7.10E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.60E-01	U	<	4.78E-02	3.60E-01	U	<	4.78E-02	3.60E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.30E-01	U	<	5.63E-02	7.20E-01	U	<	5.63E-02	7.10E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.30E-01	U	<	6.11E-02	7.20E-01	U	<	6.11E-02	7.10E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.30E-01	U	<	5.64E-02	7.20E-01	U	<	5.64E-02	7.10E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.60E-01	U	<	5.66E-02	3.60E-01	U	<	5.66E-02	3.60E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.60E-01	U	<	5.88E-02	3.60E-01	U	<	5.88E-02	3.60E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.30E-01	U	<	1.65E-02	7.20E-01	U	<	1.65E-02	7.10E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.60E-01	U	<	6.07E-02	3.60E-01	U	<	6.07E-02	3.60E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.60E-01	U	<	4.64E-02	3.60E-01	U	<	4.64E-02	3.60E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.60E-01	U	<	7.28E-02	3.60E-01	U	<	7.28E-02	3.60E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.30E-01	U	<	5.98E-02	7.20E-01	U	<	5.98E-02	7.10E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.60E-01	U	<	5.38E-02	3.60E-01	U	<	5.38E-02	3.60E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.60E-01	U	<	5.31E-02	3.60E-01	U	<	5.31E-02	3.60E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB02-018				C36-SB03-010				C36-SB03-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.60E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
Benzo(a)anthracene	7.80E-02 F	1 / 14	<	5.80E-02	3.60E-01	U	<	5.80E-02	3.60E-01	U	<	5.80E-02	3.60E-01	U
Benzo(a)pyrene	1.10E-01 F	1 / 14	<	5.07E-02	3.60E-01	U	<	5.07E-02	3.60E-01	U	<	5.07E-02	3.60E-01	U
Benzo(b)fluoranthene	1.70E-01 F	4 / 14	<	6.00E-02	3.60E-01	U	<	6.00E-02	3.60E-01	U	<	6.00E-02	3.60E-01	U
Benzo(g,h,i)perylene	1.10E-01 F	1 / 14	<	5.52E-02	3.60E-01	U	<	5.52E-02	3.60E-01	U	<	5.52E-02	3.60E-01	U
Benzo(k)fluoranthene	8.00E-02 F	2 / 14	<	6.10E-02	3.60E-01	U	<	6.10E-02	3.60E-01	U	<	6.10E-02	3.60E-01	U
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.60E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.60E-01	U	<	5.00E-02	3.60E-01	U	<	5.00E-02	3.60E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.60E-01	U	<	6.16E-02	3.60E-01	U	<	6.16E-02	3.60E-01	U
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.60E-01	U	<	5.55E-02	3.60E-01	U	<	5.55E-02	3.60E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.60E-01	U	<	8.16E-02	3.60E-01	U	<	8.16E-02	3.60E-01	U
Chrysene	1.50E-01 F	3 / 14	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.60E-01	U
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.60E-01	U	<	5.94E-02	3.60E-01	U	<	5.94E-02	3.60E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.60E-01	U	<	5.73E-02	3.60E-01	U	<	5.73E-02	3.60E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.60E-01	U	<	6.21E-02	3.60E-01	U	<	6.21E-02	3.60E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.60E-01	U	<	6.33E-02	3.60E-01	U	<	6.33E-02	3.60E-01	U
Di-n-butylphthalate	ND	0 / 14	<	6.59E-02	3.60E-01	U	<	6.59E-02	3.60E-01	U	<	6.59E-02	3.60E-01	U
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.60E-01	U	<	5.84E-02	3.60E-01	U	<	5.84E-02	3.60E-01	U
Fluoranthene	2.50E-01 F	6 / 14	<	6.54E-02	3.60E-01	U	<	6.54E-02	3.60E-01	U	<	6.54E-02	3.60E-01	U
Fluorene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.60E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.60E-01	U	<	6.03E-02	3.60E-01	U	<	6.03E-02	3.60E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.60E-01	U	<	5.17E-02	3.60E-01	U	<	5.17E-02	3.60E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.60E-01	U	<	4.40E-02	3.60E-01	U	<	4.40E-02	3.60E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.60E-01	U
Indeno(1,2,3-cd)pyrene	8.30E-02 F	1 / 14	<	6.04E-02	3.60E-01	U	<	6.04E-02	3.60E-01	U	<	6.04E-02	3.60E-01	U
Isophorone	ND	0 / 14	<	5.70E-02	3.60E-01	U	<	5.70E-02	3.60E-01	U	<	5.70E-02	3.60E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.60E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.60E-01	U	<	4.98E-02	3.60E-01	U	<	4.98E-02	3.60E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.60E-01	U	<	5.49E-02	3.60E-01	U	<	5.49E-02	3.60E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.60E-01	U	<	5.06E-02	3.60E-01	U	<	5.06E-02	3.60E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.30E-01	U	<	5.87E-02	7.20E-01	U	<	5.87E-02	7.10E-01	U
Phenanthrene	1.30E-01 F	1 / 14	<	5.82E-02	3.60E-01	U	<	5.82E-02	3.60E-01	U	<	5.82E-02	3.60E-01	U
Phenol	ND	0 / 14	<	4.30E-02	3.60E-01	U	<	4.30E-02	3.60E-01	U	<	4.30E-02	3.60E-01	U
Pyrene	2.60E-01 F	6 / 14	<	5.41E-02	3.60E-01	U	<	5.41E-02	3.60E-01	U	<	5.41E-02	3.60E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB02-018				C36-SB03-010				C36-SB03-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)														
4,4-DDD	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
4,4-DDE	ND	0 / 14	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U
4,4-DDT	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
Aldrin	ND	0 / 14	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
alpha-Chlordane	4.70E-03	1 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
beta-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
gamma-Chlordane	1.10E+00	3 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
Heptachlor	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Methoxychlor	6.00E-03 F	2 / 14	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)														
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	5.00E-02	U	<	1.00E-02	5.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	5.00E-02	U	<	5.00E-03	5.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	5.00E-02	U	<	4.00E-03	5.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	5.00E-02	U	<	3.00E-03	5.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	5.00E-02	U	<	1.00E-03	5.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	5.00E-02	U	<	2.00E-03	5.00E-02	U
Aroclor 1260	5.30E-02 F	1 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	5.00E-02	U	<	4.00E-03	5.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	1.00E+02	9 / 14	3.80E+00	1.00E+00	1.10E+01	F	<	1.00E+00	1.10E+01	U	<	1.00E+00	1.10E+01	U
Gasoline Range Organics	ND	0 / 14	<	3.30E-01	1.10E+00	U	<	3.30E-01	1.10E+00	U	<	3.20E-01	1.10E+00	U
Motor Oils	1.90E+02	9 / 14	6.30E+00	3.50E+00	1.10E+01	F	<	3.50E+00	1.10E+01	U	<	3.50E+00	1.10E+01	U
METALS (mg/kg)														
Aluminum	1.28E+04	14 / 14	8.20E+03	2.00E+01	2.64E+02		9.90E+03	2.00E+01	2.61E+02		9.17E+03	2.00E+01	2.59E+02	
Antimony	3.70E-01 F	1 / 14	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	2.70E+00	13 / 14	2.80E-01	9.00E-02	7.00E-01	F	6.50E-01	9.00E-02	7.00E-01	F	1.10E+00	9.00E-02	7.00E-01	
Barium	1.07E+03	14 / 14	5.26E+01	5.00E-02	6.00E-01		8.54E+01	5.00E-02	5.00E-01		8.11E+01	5.00E-02	5.00E-01	
Beryllium	6.50E-01	14 / 14	4.00E-01	4.00E-02	2.00E-01		3.80E-01	4.00E-02	2.00E-01		3.30E-01	4.00E-02	2.00E-01	
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	U	<	3.00E-02	5.00E-01	U	<	3.00E-02	5.00E-01	U
Calcium	1.91E+05	14 / 14	8.51E+04	1.60E+01	2.20E+02		9.09E+04	1.60E+01	2.17E+02		9.44E+04	1.60E+01	2.16E+02	

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB02-018				C36-SB03-010				C36-SB03-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	9.90E+00	14 / 14	6.40E+00	3.00E-02	6.00E-01		7.90E+00	3.00E-02	5.00E-01		7.60E+00	3.00E-02	5.00E-01	
Cobalt	2.70E+00	14 / 14	1.90E+00	5.00E-02	6.00E-01		2.40E+00	5.00E-02	5.00E-01		2.20E+00	5.00E-02	5.00E-01	
Copper	4.70E+00	14 / 14	2.20E+00	9.00E-02	6.00E-01		2.40E+00	9.00E-02	5.00E-01		2.00E+00	9.00E-02	5.00E-01	
Iron	1.02E+04	14 / 14	7.52E+03	1.40E+01	1.10E+02		9.13E+03	1.40E+01	1.09E+02		8.52E+03	1.40E+01	1.08E+02	
Lead	6.19E+01	14 / 14	4.70E+00	9.00E-02	5.50E+00	F	4.80E+00	9.00E-02	5.40E+00	F	5.00E+00	9.00E-02	5.40E+00	F
Magnesium	5.75E+03	14 / 14	3.77E+03	7.40E-01	8.80E+00		3.35E+03	7.40E-01	8.70E+00		3.19E+03	7.40E-01	8.60E+00	
Manganese	1.24E+02	14 / 14	7.41E+01	1.30E-01	6.00E-01		1.00E+02	1.30E-01	5.00E-01		8.17E+01	1.30E-01	5.00E-01	
Mercury	1.80E-02 J	7 / 14	1.00E-02	1.00E-02	1.00E-01		1.30E-02	1.00E-02	1.00E-01	F	1.10E-02	1.00E-02	1.00E-01	F
Nickel	8.00E+00	14 / 14	5.30E+00	7.00E-02	6.00E-01		6.80E+00	7.00E-02	5.00E-01		6.30E+00	7.00E-02	5.00E-01	
Potassium	3.29E+03	14 / 14	2.04E+03	1.39E+01	1.10E+02		1.99E+03	1.39E+01	1.09E+02		1.87E+03	1.39E+01	1.08E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	ND	0 / 14	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	2.44E+02	12 / 14	5.77E+01	7.36E+00	1.10E+02	F	4.40E+01	7.36E+00	1.09E+02	F	4.10E+01	7.36E+00	1.08E+02	F
Thallium	ND	0 / 14	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U
Vanadium	2.00E+01	14 / 14	1.39E+01	6.00E-02	6.00E-01		2.00E+01	6.00E-02	5.00E-01		1.82E+01	6.00E-02	5.00E-01	
Zinc	2.90E+01	14 / 14	1.06E+01	1.15E+00	5.50E+00		1.17E+01	1.15E+00	5.40E+00		1.05E+01	1.15E+00	5.40E+00	

Notes:
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
ND = Not Detected
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB04-004				C36-SB04-014				C36-SB05-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)														
1,1,1-Trichloroethane	ND	0 / 14	<	8.90E-04	5.50E-03	U	<	8.80E-04	5.40E-03	U	<	8.90E-04	5.50E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.30E-03	5.40E-03	U	<	1.40E-03	5.50E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.20E-04	5.50E-03	U	<	9.00E-04	5.40E-03	U	<	9.10E-04	5.50E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.30E-04	5.50E-03	U	<	5.20E-04	5.40E-03	U	<	5.30E-04	5.50E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.50E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.70E-04	5.50E-03	U	<	8.50E-04	5.40E-03	U	<	8.70E-04	5.50E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.70E-04	5.50E-03	U	<	5.60E-04	5.40E-03	U	<	5.70E-04	5.50E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.40E-03	U	<	1.30E-03	5.50E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.40E-03	7.70E-03	U	<	2.40E-03	7.60E-03	U	<	2.40E-03	7.70E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.50E-04	5.40E-03	U	<	6.60E-04	5.50E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.40E-03	U	<	1.00E-03	5.50E-03	U
1,2-Dichloroethane	ND	0 / 14	<	7.90E-04	5.50E-03	U	<	7.80E-04	5.40E-03	U	<	7.90E-04	5.50E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.50E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.40E-03	U	<	1.50E-03	5.50E-03	U
1,2-Dichloropropane	ND	0 / 14	<	6.80E-04	5.50E-03	U	<	6.70E-04	5.40E-03	U	<	6.80E-04	5.50E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.00E-03	5.40E-03	U	<	1.10E-03	5.50E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.50E-04	5.40E-03	U	<	6.60E-04	5.50E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.40E-04	5.50E-03	U	<	7.30E-04	5.40E-03	U	<	7.30E-04	5.50E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.50E-03	U	<	1.70E-04	5.40E-03	U	<	1.80E-04	5.50E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.40E-03	U	<	1.00E-03	5.50E-03	U
Acetone	ND	0 / 14	<	3.10E-03	5.50E-02	U	<	3.00E-03	5.40E-02	U	<	3.10E-03	5.50E-02	U
Benzene	ND	0 / 14	<	7.00E-04	5.50E-03	U	<	6.80E-04	5.40E-03	U	<	6.90E-04	5.50E-03	U
Benzyl Chloride	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Bromodichloromethane	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.50E-04	5.40E-03	U	<	7.60E-04	5.50E-03	U
Bromoform	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	8.70E-04	5.40E-03	U	<	8.80E-04	5.50E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.10E-02	U	<	1.70E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.50E-03	U
Carbon Tetrachloride	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	8.70E-04	5.40E-03	U	<	8.80E-04	5.50E-03	U
Chlorobenzene	ND	0 / 14	<	5.40E-04	5.50E-03	U	<	5.30E-04	5.40E-03	U	<	5.40E-04	5.50E-03	U
Chloroethane	ND	0 / 14	<	1.70E-03	5.50E-03	U	<	1.70E-03	5.40E-03	U	<	1.70E-03	5.50E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.50E-03	U	<	1.50E-03	5.40E-03	U	<	1.60E-03	5.50E-03	U
Chloromethane	ND	0 / 14	<	2.00E-03	6.60E-03	U	<	2.00E-03	6.50E-03	U	<	2.00E-03	6.60E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.20E-04	5.50E-03	U	<	5.10E-04	5.40E-03	U	<	5.10E-04	5.50E-03	U
Cyclohexane	ND	0 / 14	<	9.10E-04	5.50E-03	U	<	8.90E-04	5.40E-03	U	<	9.00E-04	5.50E-03	U
Dibromochloromethane	ND	0 / 14	<	9.40E-04	5.50E-03	U	<	9.20E-04	5.40E-03	U	<	9.30E-04	5.50E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.20E-04	1.10E-02	U	<	9.00E-04	1.10E-02	U	<	9.10E-04	1.10E-02	U
Ethylbenzene	ND	0 / 14	<	7.10E-04	5.50E-03	U	<	6.90E-04	5.40E-03	U	<	7.00E-04	5.50E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.50E-04	5.40E-03	U	<	6.60E-04	5.50E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.50E-03	U
m,p-Xylene (sum of isomers)	6.00E-04 F	1 / 14	<	4.70E-04	5.50E-03	U	<	4.70E-04	5.40E-03	U	<	4.70E-04	5.50E-03	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB04-004				C36-SB04-014				C36-SB05-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	3.60E-03 F	1 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	7.70E-04	5.40E-03	U	<	7.80E-04	5.50E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	9.80E-04	5.50E-03	U	<	9.60E-04	5.40E-03	U	<	9.70E-04	5.50E-03	U
Methylcyclohexane	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Methylene Chloride	ND	0 / 14	<	5.10E-03	5.50E-02	U	<	5.00E-03	5.40E-02	U	<	5.00E-03	5.50E-02	U
o-Xylene (1,2-Dimethylbenzene)	ND	0 / 14	<	6.70E-04	5.50E-03	U	<	6.60E-04	5.40E-03	U	<	6.70E-04	5.50E-03	U
Styrene	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.50E-04	5.40E-03	U	<	7.60E-04	5.50E-03	U
Tetrachloroethene	2.90E-03 F	1 / 14	<	6.00E-04	5.50E-03	U	<	5.80E-04	5.40E-03	U	<	5.90E-04	5.50E-03	U
Toluene	ND	0 / 14	<	7.20E-04	5.50E-03	U	<	7.00E-04	5.40E-03	U	<	7.10E-04	5.50E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.70E-04	5.50E-03	U	<	4.70E-04	5.40E-03	U	<	4.70E-04	5.50E-03	U
Trichloroethene	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	7.70E-04	5.40E-03	U	<	7.80E-04	5.50E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.40E-03	U	<	1.40E-03	5.50E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.90E-03	5.50E-03	U	<	1.80E-03	5.40E-03	U	<	1.80E-03	5.50E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)														
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.60E-01	U	<	4.73E-02	3.60E-01	U	<	4.73E-02	3.60E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.60E-01	U	<	6.01E-02	3.60E-01	U	<	6.01E-02	3.60E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.60E-01	U	<	4.83E-02	3.60E-01	U	<	4.83E-02	3.60E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.60E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.60E-01	U	<	4.39E-02	3.60E-01	U	<	4.39E-02	3.60E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.30E-01	U	<	5.37E-02	7.10E-01	U	<	5.37E-02	7.20E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.60E-01	U	<	6.38E-02	3.60E-01	U	<	6.38E-02	3.60E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.60E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.60E-01	U	<	5.24E-02	3.60E-01	U	<	5.24E-02	3.60E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.60E-01	U	<	4.43E-02	3.60E-01	U	<	4.43E-02	3.60E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.60E-01	U	<	5.04E-02	3.60E-01	U	<	5.04E-02	3.60E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.60E-01	U	<	4.52E-02	3.60E-01	U	<	4.52E-02	3.60E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.30E-01	U	<	6.24E-02	7.10E-01	U	<	6.24E-02	7.20E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.60E-01	U	<	4.78E-02	3.60E-01	U	<	4.78E-02	3.60E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.30E-01	U	<	5.63E-02	7.10E-01	U	<	5.63E-02	7.20E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.30E-01	U	<	6.11E-02	7.10E-01	U	<	6.11E-02	7.20E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.30E-01	U	<	5.64E-02	7.10E-01	U	<	5.64E-02	7.20E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.60E-01	U	<	5.66E-02	3.60E-01	U	<	5.66E-02	3.60E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.60E-01	U	<	5.88E-02	3.60E-01	U	<	5.88E-02	3.60E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.30E-01	U	<	1.65E-02	7.10E-01	U	<	1.65E-02	7.20E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.60E-01	U	<	6.07E-02	3.60E-01	U	<	6.07E-02	3.60E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.60E-01	U	<	4.64E-02	3.60E-01	U	<	4.64E-02	3.60E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.60E-01	U	<	7.28E-02	3.60E-01	U	<	7.28E-02	3.60E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.30E-01	U	<	5.98E-02	7.10E-01	U	<	5.98E-02	7.20E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.60E-01	U	<	5.38E-02	3.60E-01	U	<	5.38E-02	3.60E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.60E-01	U	<	5.31E-02	3.60E-01	U	<	5.31E-02	3.60E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB04-004				C36-SB04-014				C36-SB05-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.60E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
Benzo(a)anthracene	7.80E-02 F	1 / 14	<	5.80E-02	3.60E-01	U	<	5.80E-02	3.60E-01	U	<	5.80E-02	3.60E-01	U
Benzo(a)pyrene	1.10E-01 F	1 / 14	<	5.07E-02	3.60E-01	U	<	5.07E-02	3.60E-01	U	<	5.07E-02	3.60E-01	U
Benzo(b)fluoranthene	1.70E-01 F	4 / 14	<	6.00E-02	3.60E-01	U	<	6.00E-02	3.60E-01	U	6.90E-02	6.00E-02	3.60E-01	F
Benzo(g,h,i)perylene	1.10E-01 F	1 / 14	<	5.52E-02	3.60E-01	U	<	5.52E-02	3.60E-01	U	<	5.52E-02	3.60E-01	U
Benzo(k)fluoranthene	8.00E-02 F	2 / 14	<	6.10E-02	3.60E-01	U	<	6.10E-02	3.60E-01	U	8.00E-02	6.10E-02	3.60E-01	F
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.60E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.60E-01	U	<	5.00E-02	3.60E-01	U	<	5.00E-02	3.60E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.60E-01	U	<	6.16E-02	3.60E-01	U	<	6.16E-02	3.60E-01	U
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.60E-01	U	<	5.55E-02	3.60E-01	U	<	5.55E-02	3.60E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.60E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.60E-01	U	<	8.16E-02	3.60E-01	U	<	8.16E-02	3.60E-01	U
Chrysene	1.50E-01 F	3 / 14	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.60E-01	U
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.60E-01	U	<	5.94E-02	3.60E-01	U	<	5.94E-02	3.60E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.60E-01	U	<	5.73E-02	3.60E-01	U	<	5.73E-02	3.60E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.60E-01	U	<	6.21E-02	3.60E-01	U	<	6.21E-02	3.60E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.60E-01	U	<	6.33E-02	3.60E-01	U	<	6.33E-02	3.60E-01	U
Di-n-butylphthalate	ND	0 / 14	<	6.59E-02	3.60E-01	U	<	6.59E-02	3.60E-01	U	<	6.59E-02	3.60E-01	U
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.60E-01	U	<	5.84E-02	3.60E-01	U	<	5.84E-02	3.60E-01	U
Fluoranthene	2.50E-01 F	6 / 14	<	6.54E-02	3.60E-01	U	<	6.54E-02	3.60E-01	U	7.40E-02	6.54E-02	3.60E-01	F
Fluorene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.60E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.60E-01	U	<	6.03E-02	3.60E-01	U	<	6.03E-02	3.60E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.60E-01	U	<	5.17E-02	3.60E-01	U	<	5.17E-02	3.60E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.60E-01	U	<	4.40E-02	3.60E-01	U	<	4.40E-02	3.60E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.60E-01	U
Indeno(1,2,3-cd)pyrene	8.30E-02 F	1 / 14	<	6.04E-02	3.60E-01	U	<	6.04E-02	3.60E-01	U	<	6.04E-02	3.60E-01	U
Isophorone	ND	0 / 14	<	5.70E-02	3.60E-01	U	<	5.70E-02	3.60E-01	U	<	5.70E-02	3.60E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.60E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.60E-01	U	<	4.98E-02	3.60E-01	U	<	4.98E-02	3.60E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.60E-01	U	<	5.49E-02	3.60E-01	U	<	5.49E-02	3.60E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.60E-01	U	<	5.06E-02	3.60E-01	U	<	5.06E-02	3.60E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.30E-01	U	<	5.87E-02	7.10E-01	U	<	5.87E-02	7.20E-01	U
Phenanthrene	1.30E-01 F	1 / 14	<	5.82E-02	3.60E-01	U	<	5.82E-02	3.60E-01	U	<	5.82E-02	3.60E-01	U
Phenol	ND	0 / 14	<	4.30E-02	3.60E-01	U	<	4.30E-02	3.60E-01	U	<	4.30E-02	3.60E-01	U
Pyrene	2.60E-01 F	6 / 14	<	5.41E-02	3.60E-01	U	<	5.41E-02	3.60E-01	U	6.10E-02	5.41E-02	3.60E-01	F

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB04-004				C36-SB04-014				C36-SB05-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)														
4,4-DDD	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
4,4-DDE	ND	0 / 14	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U
4,4-DDT	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
Aldrin	ND	0 / 14	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
alpha-Chlordane	4.70E-03	1 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
beta-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
gamma-Chlordane	1.10E+00	3 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	1.20E-03	9.00E-04	4.00E-03	
Heptachlor	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Methoxychlor	6.00E-03 F	2 / 14	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U	2.40E-03	1.00E-03	2.00E-02	F
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)														
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	5.00E-02	U	<	1.00E-02	6.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	5.00E-02	U	<	5.00E-03	6.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	5.00E-02	U	<	4.00E-03	6.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	5.00E-02	U	<	3.00E-03	6.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	5.00E-02	U	<	1.00E-03	6.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	5.00E-02	U	<	2.00E-03	6.00E-02	U
Aroclor 1260	5.30E-02 F	1 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	5.00E-02	U	<	4.00E-03	6.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	1.00E+02	9 / 14	<	1.00E+00	1.10E+01	U	<	1.00E+00	1.10E+01	U	5.70E+00	1.00E+00	1.10E+01	F
Gasoline Range Organics	ND	0 / 14	<	3.30E-01	1.10E+00	U	<	3.20E-01	1.10E+00	U	<	3.30E-01	1.10E+00	U
Motor Oils	1.90E+02	9 / 14	<	3.50E+00	1.10E+01	U	<	3.50E+00	1.10E+01	U	1.30E+01	3.50E+00	1.10E+01	
METALS (mg/kg)														
Aluminum	1.28E+04	14 / 14	7.87E+03	5.10E+00	6.60E+01		9.50E+03	1.00E+01	1.30E+02		8.38E+03	2.00E+01	2.63E+02	
Antimony	3.70E-01 F	1 / 14	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	2.70E+00	13 / 14	<	9.00E-02	7.00E-01	U	1.20E+00	9.00E-02	7.00E-01		1.10E+00	9.00E-02	7.00E-01	
Barium	1.07E+03	14 / 14	3.33E+02	2.50E-01	2.80E+00		9.53E+01	5.00E-02	5.00E-01		1.07E+03	5.00E-02	1.10E+01	
Beryllium	6.50E-01	14 / 14	3.00E-01	4.00E-02	2.00E-01		4.70E-01	4.00E-02	2.00E-01		3.50E-01	4.00E-02	2.00E-01	
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	U	<	3.00E-02	5.00E-01	U	<	3.00E-02	6.00E-01	U
Calcium	1.91E+05	14 / 14	1.75E+05	3.30E+01	4.42E+02		5.13E+04	8.20E+00	1.08E+02		9.72E+04	1.60E+01	2.19E+02	

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB04-004				C36-SB04-014				C36-SB05-004			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	9.90E+00	14 / 14	5.80E+00	3.00E-02	6.00E-01		8.20E+00	3.00E-02	5.00E-01		7.00E+00	3.00E-02	6.00E-01	
Cobalt	2.70E+00	14 / 14	1.40E+00	5.00E-02	6.00E-01		2.60E+00	5.00E-02	5.00E-01		1.30E+00	5.00E-02	6.00E-01	
Copper	4.70E+00	14 / 14	2.60E+00	9.00E-02	6.00E-01		2.40E+00	9.00E-02	5.00E-01		3.00E+00	9.00E-02	6.00E-01	
Iron	1.02E+04	14 / 14	6.68E+03	3.50E+00	2.80E+01		9.00E+03	7.10E+00	5.40E+01		7.96E+03	1.40E+01	1.10E+02	
Lead	6.19E+01	14 / 14	3.20E+00	9.00E-02	5.50E+00	F	5.10E+00	9.00E-02	5.40E+00	F	4.50E+00	9.00E-02	5.50E+00	F
Magnesium	5.75E+03	14 / 14	3.06E+03	7.40E-01	8.80E+00		3.16E+03	7.40E-01	8.70E+00		2.71E+03	7.40E-01	8.80E+00	
Manganese	1.24E+02	14 / 14	5.07E+01	1.30E-01	6.00E-01		1.00E+02	1.30E-01	5.00E-01		6.66E+01	1.30E-01	6.00E-01	
Mercury	1.80E-02 J	7 / 14	1.50E-02	1.00E-02	1.00E-01	F	<	1.00E-02	1.00E-01	U	1.40E-02	1.00E-02	1.00E-01	F
Nickel	8.00E+00	14 / 14	5.40E+00	7.00E-02	6.00E-01		6.70E+00	7.00E-02	5.00E-01		6.70E+00	7.00E-02	6.00E-01	
Potassium	3.29E+03	14 / 14	1.30E+03	1.39E+01	1.10E+02		2.29E+03	1.39E+01	1.08E+02		1.48E+03	1.39E+01	1.10E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	ND	0 / 14	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	2.44E+02	12 / 14	7.02E+01	7.36E+00	1.10E+02	F	2.21E+02	7.36E+00	1.08E+02		4.21E+01	7.36E+00	1.10E+02	F
Thallium	ND	0 / 14	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U
Vanadium	2.00E+01	14 / 14	1.49E+01	6.00E-02	6.00E-01		1.80E+01	6.00E-02	5.00E-01		1.65E+01	6.00E-02	6.00E-01	
Zinc	2.90E+01	14 / 14	5.10E+00	1.15E+00	5.50E+00	F	1.35E+01	1.15E+00	5.40E+00		1.20E+01	1.15E+00	5.50E+00	

Notes:
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
ND = Not Detected
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB05-018				C36-SB06-004				C36-SB06-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)														
1,1,1-Trichloroethane	ND	0 / 14	<	9.00E-04	5.50E-03	U	<	9.10E-04	5.60E-03	U	<	9.00E-04	5.50E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.60E-03	U	<	1.40E-03	5.50E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.20E-04	5.50E-03	U	<	9.30E-04	5.60E-03	U	<	9.20E-04	5.50E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.30E-04	5.50E-03	U	<	5.40E-04	5.60E-03	U	<	5.30E-04	5.50E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U	<	1.20E-03	5.50E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.70E-04	5.50E-03	U	<	8.90E-04	5.60E-03	U	<	8.70E-04	5.50E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.70E-04	5.50E-03	U	<	5.80E-04	5.60E-03	U	<	5.80E-04	5.50E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U	<	1.30E-03	5.50E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.40E-03	7.70E-03	U	<	2.50E-03	7.90E-03	U	<	2.40E-03	7.70E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U	<	6.60E-04	5.50E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.10E-03	5.60E-03	U	<	1.10E-03	5.50E-03	U
1,2-Dichloroethane	ND	0 / 14	<	8.00E-04	5.50E-03	U	<	8.10E-04	5.60E-03	U	<	8.00E-04	5.50E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U	<	1.20E-03	5.50E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.60E-03	U	<	1.50E-03	5.50E-03	U
1,2-Dichloropropane	ND	0 / 14	<	6.90E-04	5.50E-03	U	<	7.00E-04	5.60E-03	U	<	6.90E-04	5.50E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.60E-03	U	<	1.10E-03	5.50E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U	<	6.60E-04	5.50E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.40E-04	5.50E-03	U	<	7.50E-04	5.60E-03	U	<	7.40E-04	5.50E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.50E-03	U	<	1.80E-04	5.60E-03	U	<	1.80E-04	5.50E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.60E-03	U	<	1.00E-03	5.50E-03	U
Acetone	ND	0 / 14	<	3.10E-03	5.50E-02	U	<	3.10E-03	5.60E-02	U	<	3.10E-03	5.50E-02	U
Benzene	ND	0 / 14	<	7.00E-04	5.50E-03	U	<	7.10E-04	5.60E-03	U	<	7.00E-04	5.50E-03	U
Benzyl Chloride	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Bromodichloromethane	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.80E-04	5.60E-03	U	<	7.60E-04	5.50E-03	U
Bromoform	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	9.00E-04	5.60E-03	U	<	8.80E-04	5.50E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U	<	1.20E-03	5.50E-03	U
Carbon Tetrachloride	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	9.00E-04	5.60E-03	U	<	8.80E-04	5.50E-03	U
Chlorobenzene	ND	0 / 14	<	5.40E-04	5.50E-03	U	<	5.50E-04	5.60E-03	U	<	5.40E-04	5.50E-03	U
Chloroethane	ND	0 / 14	<	1.70E-03	5.50E-03	U	<	1.70E-03	5.60E-03	U	<	1.70E-03	5.50E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.50E-03	U	<	1.60E-03	5.60E-03	U	<	1.60E-03	5.50E-03	U
Chloromethane	ND	0 / 14	<	2.00E-03	6.60E-03	U	<	2.00E-03	6.70E-03	U	<	2.00E-03	6.60E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.20E-04	5.50E-03	U	<	5.30E-04	5.60E-03	U	<	5.20E-04	5.50E-03	U
Cyclohexane	ND	0 / 14	<	9.10E-04	5.50E-03	U	<	9.20E-04	5.60E-03	U	<	9.10E-04	5.50E-03	U
Dibromochloromethane	ND	0 / 14	<	9.40E-04	5.50E-03	U	<	9.60E-04	5.60E-03	U	<	9.40E-04	5.50E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.20E-04	1.10E-02	U	<	9.30E-04	1.10E-02	U	<	9.20E-04	1.10E-02	U
Ethylbenzene	ND	0 / 14	<	7.10E-04	5.50E-03	U	<	7.20E-04	5.60E-03	U	<	7.10E-04	5.50E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U	<	6.60E-04	5.50E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U	<	1.20E-03	5.50E-03	U
m,p-Xylene (sum of isomers)	6.00E-04 F	1 / 14	<	4.80E-04	5.50E-03	U	<	4.80E-04	5.60E-03	U	<	4.80E-04	5.50E-03	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB05-018				C36-SB06-004				C36-SB06-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	3.60E-03 F	1 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	8.00E-04	5.60E-03	U	<	7.90E-04	5.50E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	9.80E-04	5.50E-03	U	<	1.00E-03	5.60E-03	U	<	9.80E-04	5.50E-03	U
Methylcyclohexane	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Methylene Chloride	ND	0 / 14	<	5.10E-03	5.50E-02	U	<	5.10E-03	5.60E-02	U	<	5.10E-03	5.50E-02	U
o-Xylene (1,2-Dimethylbenzene)	ND	0 / 14	<	6.70E-04	5.50E-03	U	<	6.90E-04	5.60E-03	U	<	6.70E-04	5.50E-03	U
Styrene	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.80E-04	5.60E-03	U	<	7.60E-04	5.50E-03	U
Tetrachloroethene	2.90E-03 F	1 / 14	<	6.00E-04	5.50E-03	U	<	6.10E-04	5.60E-03	U	<	6.00E-04	5.50E-03	U
Toluene	ND	0 / 14	<	7.20E-04	5.50E-03	U	<	7.30E-04	5.60E-03	U	<	7.20E-04	5.50E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.80E-04	5.50E-03	U	<	4.80E-04	5.60E-03	U	<	4.80E-04	5.50E-03	U
Trichloroethene	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	8.00E-04	5.60E-03	U	<	7.90E-04	5.50E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.60E-03	U	<	1.40E-03	5.50E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.90E-03	5.50E-03	U	<	1.90E-03	5.60E-03	U	<	1.90E-03	5.50E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)														
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.60E-01	U	<	4.73E-02	3.70E-01	U	<	4.73E-02	3.70E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.60E-01	U	<	6.01E-02	3.70E-01	U	<	6.01E-02	3.70E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.60E-01	U	<	4.83E-02	3.70E-01	U	<	4.83E-02	3.70E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.70E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.60E-01	U	<	4.39E-02	3.70E-01	U	<	4.39E-02	3.70E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.30E-01	U	<	5.37E-02	7.40E-01	U	<	5.37E-02	7.30E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.60E-01	U	<	6.38E-02	3.70E-01	U	<	6.38E-02	3.70E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.70E-01	U	<	6.06E-02	3.70E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.60E-01	U	<	5.24E-02	3.70E-01	U	<	5.24E-02	3.70E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.60E-01	U	<	4.43E-02	3.70E-01	U	<	4.43E-02	3.70E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.60E-01	U	<	5.04E-02	3.70E-01	U	<	5.04E-02	3.70E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.60E-01	U	<	4.52E-02	3.70E-01	U	<	4.52E-02	3.70E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.30E-01	U	<	6.24E-02	7.40E-01	U	<	6.24E-02	7.30E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.60E-01	U	<	4.78E-02	3.70E-01	U	<	4.78E-02	3.70E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.30E-01	U	<	5.63E-02	7.40E-01	U	<	5.63E-02	7.30E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.30E-01	U	<	6.11E-02	7.40E-01	U	<	6.11E-02	7.30E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.30E-01	U	<	5.64E-02	7.40E-01	U	<	5.64E-02	7.30E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.60E-01	U	<	5.66E-02	3.70E-01	U	<	5.66E-02	3.70E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.60E-01	U	<	5.88E-02	3.70E-01	U	<	5.88E-02	3.70E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.30E-01	U	<	1.65E-02	7.40E-01	U	<	1.65E-02	7.30E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.60E-01	U	<	6.07E-02	3.70E-01	U	<	6.07E-02	3.70E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.60E-01	U	<	4.64E-02	3.70E-01	U	<	4.64E-02	3.70E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.60E-01	U	<	7.28E-02	3.70E-01	U	<	7.28E-02	3.70E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.30E-01	U	<	5.98E-02	7.40E-01	U	<	5.98E-02	7.30E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.60E-01	U	<	5.38E-02	3.70E-01	U	<	5.38E-02	3.70E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.60E-01	U	<	5.31E-02	3.70E-01	U	<	5.31E-02	3.70E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB05-018				C36-SB06-004				C36-SB06-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.70E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U
Benzo(a)anthracene	7.80E-02 F	1 / 14	<	5.80E-02	3.60E-01	U	<	5.80E-02	3.70E-01	U	<	5.80E-02	3.70E-01	U
Benzo(a)pyrene	1.10E-01 F	1 / 14	<	5.07E-02	3.60E-01	U	<	5.07E-02	3.70E-01	U	<	5.07E-02	3.70E-01	U
Benzo(b)fluoranthene	1.70E-01 F	4 / 14	6.70E-02	6.00E-02	3.60E-01	F	7.60E-02	6.00E-02	3.70E-01	F	<	6.00E-02	3.70E-01	U
Benzo(g,h,i)perylene	1.10E-01 F	1 / 14	<	5.52E-02	3.60E-01	U	<	5.52E-02	3.70E-01	U	<	5.52E-02	3.70E-01	U
Benzo(k)fluoranthene	8.00E-02 F	2 / 14	<	6.10E-02	3.60E-01	U	<	6.10E-02	3.70E-01	U	<	6.10E-02	3.70E-01	U
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.70E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.60E-01	U	<	5.00E-02	3.70E-01	U	<	5.00E-02	3.70E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.60E-01	U	<	6.16E-02	3.70E-01	U	<	6.16E-02	3.70E-01	U
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.60E-01	U	<	5.55E-02	3.70E-01	U	<	5.55E-02	3.70E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U	<	9.00E-02	3.70E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.60E-01	U	<	8.16E-02	3.70E-01	U	<	8.16E-02	3.70E-01	U
Chrysene	1.50E-01 F	3 / 14	7.20E-02	6.06E-02	3.60E-01	F	6.80E-02	6.06E-02	3.70E-01		<	6.06E-02	3.70E-01	U
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.60E-01	U	<	5.94E-02	3.70E-01	U	<	5.94E-02	3.70E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.60E-01	U	<	5.73E-02	3.70E-01	U	<	5.73E-02	3.70E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.60E-01	U	<	6.21E-02	3.70E-01	U	<	6.21E-02	3.70E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.60E-01	U	<	6.33E-02	3.70E-01	U	<	6.33E-02	3.70E-01	U
Di-n-butylphthalate	ND	0 / 14	<	6.59E-02	3.60E-01	U	<	6.59E-02	3.70E-01	U	<	6.59E-02	3.70E-01	U
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.60E-01	U	<	5.84E-02	3.70E-01	U	<	5.84E-02	3.70E-01	U
Fluoranthene	2.50E-01 F	6 / 14	1.20E-01	6.54E-02	3.60E-01	F	1.30E-01	6.54E-02	3.70E-01	F	8.20E-02	6.54E-02	3.70E-01	F
Fluorene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.70E-01	U	<	6.13E-02	3.70E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.60E-01	U	<	6.03E-02	3.70E-01	U	<	6.03E-02	3.70E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.60E-01	U	<	5.17E-02	3.70E-01	U	<	5.17E-02	3.70E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.60E-01	U	<	4.40E-02	3.70E-01	U	<	4.40E-02	3.70E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.70E-01	U	<	4.99E-02	3.70E-01	U
Indeno(1,2,3-cd)pyrene	8.30E-02 F	1 / 14	<	6.04E-02	3.60E-01	U	<	6.04E-02	3.70E-01	U	<	6.04E-02	3.70E-01	U
Isophorone	ND	0 / 14	<	5.70E-02	3.60E-01	U	<	5.70E-02	3.70E-01	U	<	5.70E-02	3.70E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.70E-01	U	<	5.05E-02	3.70E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.60E-01	U	<	4.98E-02	3.70E-01	U	<	4.98E-02	3.70E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.60E-01	U	<	5.49E-02	3.70E-01	U	<	5.49E-02	3.70E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.60E-01	U	<	5.06E-02	3.70E-01	U	<	5.06E-02	3.70E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.30E-01	U	<	5.87E-02	7.40E-01	U	<	5.87E-02	7.30E-01	U
Phenanthrene	1.30E-01 F	1 / 14	<	5.82E-02	3.60E-01	U	<	5.82E-02	3.70E-01	U	<	5.82E-02	3.70E-01	U
Phenol	ND	0 / 14	<	4.30E-02	3.60E-01	U	<	4.30E-02	3.70E-01	U	<	4.30E-02	3.70E-01	U
Pyrene	2.60E-01 F	6 / 14	1.00E-01	5.41E-02	3.60E-01	F	1.10E-01	5.41E-02	3.70E-01	F	6.90E-02	5.41E-02	3.70E-01	F

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB05-018				C36-SB06-004				C36-SB06-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)														
4,4-DDD	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
4,4-DDE	ND	0 / 14	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U
4,4-DDT	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
Aldrin	ND	0 / 14	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
alpha-Chlordane	4.70E-03	1 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
beta-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
gamma-Chlordane	1.10E+00	3 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
Heptachlor	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Methoxychlor	6.00E-03 F	2 / 14	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U	6.00E-03	1.00E-03	2.00E-02	F
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)														
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U
Aroclor 1260	5.30E-02 F	1 / 14	<	4.00E-03	6.00E-02	U	5.30E-02	4.00E-03	6.00E-02	F	<	4.00E-03	6.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)														
Diesel Range Organics	1.00E+02	9 / 14	5.90E+00	1.00E+00	1.10E+01	F	7.40E+01	5.00E+00	5.60E+01		7.30E+01	2.00E+00	2.20E+01	
Gasoline Range Organics	ND	0 / 14	<	3.30E-01	1.10E+00	U	<	3.40E-01	1.10E+00	U	<	3.30E-01	1.10E+00	U
Motor Oils	1.90E+02	9 / 14	1.40E+01	3.50E+00	1.10E+01		1.80E+02	1.75E+01	5.60E+01		1.70E+02	7.00E+00	2.20E+01	
METALS (mg/kg)														
Aluminum	1.28E+04	14 / 14	8.72E+03	1.00E+01	1.33E+02		7.45E+03	2.00E+01	2.70E+02		6.39E+03	5.10E+00	6.60E+01	
Antimony	3.70E-01 F	1 / 14	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	2.70E+00	13 / 14	1.40E+00	9.00E-02	7.00E-01		1.80E+00	9.00E-02	7.00E-01		1.20E+00	9.00E-02	7.00E-01	
Barium	1.07E+03	14 / 14	7.20E+01	5.00E-02	6.00E-01		3.56E+02	1.00E+00	1.10E+01		3.38E+02	2.50E-01	2.80E+00	
Beryllium	6.50E-01	14 / 14	4.30E-01	4.00E-02	2.00E-01		3.50E-01	4.00E-02	2.00E-01		3.30E-01	4.00E-02	2.00E-01	
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U
Calcium	1.91E+05	14 / 14	5.33E+04	8.20E+00	1.10E+02		1.91E+05	1.60E+01	2.25E+02		3.46E+04	4.10E+00	5.50E+01	

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB05-018				C36-SB06-004				C36-SB06-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	9.90E+00	14 / 14	7.60E+00	3.00E-02	6.00E-01		9.90E+00	3.00E-02	6.00E-01		6.00E+00	3.00E-02	6.00E-01	
Cobalt	2.70E+00	14 / 14	2.30E+00	5.00E-02	6.00E-01		1.30E+00	5.00E-02	6.00E-01		1.50E+00	5.00E-02	6.00E-01	
Copper	4.70E+00	14 / 14	2.20E+00	9.00E-02	6.00E-01		2.20E+00	9.00E-02	6.00E-01		1.90E+00	9.00E-02	6.00E-01	
Iron	1.02E+04	14 / 14	8.35E+03	7.10E+00	5.50E+01		6.03E+03	1.40E+01	1.12E+02		6.12E+03	3.50E+00	2.80E+01	
Lead	6.19E+01	14 / 14	6.70E+00	9.00E-02	5.50E+00		2.22E+01	9.00E-02	5.60E+00		6.20E+00	9.00E-02	5.50E+00	
Magnesium	5.75E+03	14 / 14	3.86E+03	7.40E-01	8.80E+00		3.15E+03	7.40E-01	9.00E+00		2.92E+03	7.40E-01	8.80E+00	
Manganese	1.24E+02	14 / 14	1.08E+02	1.30E-01	6.00E-01		4.04E+01	1.30E-01	6.00E-01		8.02E+01	1.30E-01	6.00E-01	
Mercury	1.80E-02 J	7 / 14	<	1.00E-02	1.00E-01	UB	<	1.00E-02	1.00E-01	UB	<	1.00E-02	1.00E-01	UB
Nickel	8.00E+00	14 / 14	6.30E+00	7.00E-02	6.00E-01		5.20E+00	7.00E-02	6.00E-01		4.90E+00	7.00E-02	6.00E-01	
Potassium	3.29E+03	14 / 14	2.28E+03	1.39E+01	1.10E+02		1.17E+03	1.39E+01	1.12E+02		1.64E+03	1.39E+01	1.11E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	ND	0 / 14	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	2.44E+02	12 / 14	2.10E+02	7.36E+00	1.10E+02		<	7.36E+00	1.12E+02	UB	1.28E+02	7.36E+00	1.11E+02	
Thallium	ND	0 / 14	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U
Vanadium	2.00E+01	14 / 14	1.73E+01	6.00E-02	6.00E-01		1.46E+01	6.00E-02	6.00E-01		1.39E+01	6.00E-02	6.00E-01	
Zinc	2.90E+01	14 / 14	1.55E+01	1.15E+00	5.50E+00		1.73E+01	1.15E+00	5.60E+00		2.35E+01	1.15E+00	5.50E+00	

Notes:
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
ND = Not Detected
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB07-004				C36-SB07-18			
DATE COLLECTED			June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)										
1,1,1-Trichloroethane	ND	0 / 14	<	8.90E-04	5.50E-03	U	<	9.00E-04	5.60E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.60E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.10E-04	5.50E-03	U	<	9.20E-04	5.60E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.30E-04	5.50E-03	U	<	5.30E-04	5.60E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.70E-04	5.50E-03	U	<	8.80E-04	5.60E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.70E-04	5.50E-03	U	<	5.80E-04	5.60E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.40E-03	7.70E-03	U	<	2.40E-03	7.80E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.10E-03	5.60E-03	U
1,2-Dichloroethane	ND	0 / 14	<	7.90E-04	5.50E-03	U	<	8.00E-04	5.60E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.60E-03	U
1,2-Dichloropropane	ND	0 / 14	<	6.80E-04	5.50E-03	U	<	6.90E-04	5.60E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.60E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.30E-04	5.50E-03	U	<	7.50E-04	5.60E-03	U
2-Hexanone	ND	0 / 14	<	1.80E-04	5.50E-03	U	<	1.80E-04	5.60E-03	U
4-Methyl-2-Pentanone	ND	0 / 14	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.60E-03	U
Acetone	ND	0 / 14	<	3.10E-03	5.50E-02	U	<	3.10E-03	5.60E-02	U
Benzene	ND	0 / 14	<	6.90E-04	5.50E-03	U	<	7.00E-04	5.60E-03	U
Benzyl Chloride	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Bromodichloromethane	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.70E-04	5.60E-03	U
Bromoform	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	8.90E-04	5.60E-03	U
Bromomethane	ND	0 / 14	<	1.80E-03	1.10E-02	U	<	1.80E-03	1.10E-02	U
Carbon Disulfide	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U
Carbon Tetrachloride	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	8.90E-04	5.60E-03	U
Chlorobenzene	ND	0 / 14	<	5.40E-04	5.50E-03	U	<	5.50E-04	5.60E-03	U
Chloroethane	ND	0 / 14	<	1.70E-03	5.50E-03	U	<	1.70E-03	5.60E-03	U
Chloroform	ND	0 / 14	<	1.60E-03	5.50E-03	U	<	1.60E-03	5.60E-03	U
Chloromethane	ND	0 / 14	<	2.00E-03	6.60E-03	U	<	2.00E-03	6.70E-03	U
cis-1,3-Dichloropropene	ND	0 / 14	<	5.20E-04	5.50E-03	U	<	5.20E-04	5.60E-03	U
Cyclohexane	ND	0 / 14	<	9.00E-04	5.50E-03	U	<	9.10E-04	5.60E-03	U
Dibromochloromethane	ND	0 / 14	<	9.30E-04	5.50E-03	U	<	9.50E-04	5.60E-03	U
Dichlorodifluoromethane	ND	0 / 14	<	9.10E-04	1.10E-02	U	<	9.20E-04	1.10E-02	U
Ethylbenzene	ND	0 / 14	<	7.00E-04	5.50E-03	U	<	7.10E-04	5.60E-03	U
Hexachlorobutadiene	ND	0 / 14	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U
Isopropylbenzene (Cumene)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U
m,p-Xylene (sum of isomers)	6.00E-04 F	1 / 14	<	4.70E-04	5.50E-03	U	<	4.80E-04	5.60E-03	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB07-004				C36-SB07-18			
DATE COLLECTED			June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Methyl Acetate	3.60E-03 F	1 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Methyl Ethyl Ketone (2-Butanone)	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	7.90E-04	5.60E-03	U
Methyl t-Butyl Ether	ND	0 / 14	<	9.80E-04	5.50E-03	U	<	9.90E-04	5.60E-03	U
Methylcyclohexane	ND	0 / 14	<	2.20E-03	2.20E-02	U	<	2.20E-03	2.20E-02	U
Methylene Chloride	ND	0 / 14	<	5.00E-03	5.50E-02	U	<	5.10E-03	5.60E-02	U
o-Xylene (1,2-Dimethylbenzene)	ND	0 / 14	<	6.70E-04	5.50E-03	U	<	6.80E-04	5.60E-03	U
Styrene	ND	0 / 14	<	7.60E-04	5.50E-03	U	<	7.70E-04	5.60E-03	U
Tetrachloroethene	2.90E-03 F	1 / 14	<	5.90E-04	5.50E-03	U	2.90E-03	6.00E-04	5.60E-03	F
Toluene	ND	0 / 14	<	7.10E-04	5.50E-03	U	<	7.20E-04	5.60E-03	U
trans-1,3-Dichloropropene	ND	0 / 14	<	4.70E-04	5.50E-03	U	<	4.80E-04	5.60E-03	U
Trichloroethene	ND	0 / 14	<	7.80E-04	5.50E-03	U	<	7.90E-04	5.60E-03	U
Trichlorofluoromethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.60E-03	U
Vinyl Acetate	ND	0 / 14	<	1.10E-03	1.10E-02	U	<	1.10E-03	1.10E-02	U
Vinyl Chloride	ND	0 / 14	<	1.80E-03	5.50E-03	U	<	1.90E-03	5.60E-03	U
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)										
2,2-Oxybis(1-chloro)propane	ND	0 / 14	<	4.73E-02	3.60E-01	U	<	4.73E-02	3.70E-01	U
2,4,5-Trichlorophenol	ND	0 / 14	<	6.01E-02	3.60E-01	U	<	6.01E-02	3.70E-01	U
2,4,6-Trichlorophenol	ND	0 / 14	<	4.83E-02	3.60E-01	U	<	4.83E-02	3.70E-01	U
2,4-Dichlorophenol	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.70E-01	U
2,4-Dimethylphenol	ND	0 / 14	<	4.39E-02	3.60E-01	U	<	4.39E-02	3.70E-01	U
2,4-Dinitrophenol	ND	0 / 14	<	5.37E-02	7.20E-01	U	<	5.37E-02	7.30E-01	U
2,4-Dinitrotoluene	ND	0 / 14	<	6.38E-02	3.60E-01	U	<	6.38E-02	3.70E-01	U
2,6-Dinitrotoluene	ND	0 / 14	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.70E-01	U
2-Chloronaphthalene	ND	0 / 14	<	5.24E-02	3.60E-01	U	<	5.24E-02	3.70E-01	U
2-Chlorophenol	ND	0 / 14	<	4.43E-02	3.60E-01	U	<	4.43E-02	3.70E-01	U
2-Methylnaphthalene	ND	0 / 14	<	5.04E-02	3.60E-01	U	<	5.04E-02	3.70E-01	U
2-Methylphenol (o-cresol)	ND	0 / 14	<	4.52E-02	3.60E-01	U	<	4.52E-02	3.70E-01	U
2-Nitroaniline	ND	0 / 14	<	6.24E-02	7.20E-01	U	<	6.24E-02	7.30E-01	U
2-Nitrophenol	ND	0 / 14	<	4.78E-02	3.60E-01	U	<	4.78E-02	3.70E-01	U
3,3-Dichlorobenzidine	ND	0 / 14	<	5.63E-02	7.20E-01	U	<	5.63E-02	7.30E-01	U
3-Nitroaniline	ND	0 / 14	<	6.11E-02	7.20E-01	U	<	6.11E-02	7.30E-01	U
4,6-Dinitro-2-methylphenol	ND	0 / 14	<	5.64E-02	7.20E-01	U	<	5.64E-02	7.30E-01	U
4-Bromophenyl-phenylether	ND	0 / 14	<	5.66E-02	3.60E-01	U	<	5.66E-02	3.70E-01	U
4-Chloro-3-methylphenol	ND	0 / 14	<	5.88E-02	3.60E-01	U	<	5.88E-02	3.70E-01	U
4-Chloroaniline	ND	0 / 14	<	1.65E-02	7.20E-01	U	<	1.65E-02	7.30E-01	U
4-Chlorophenyl-phenylether	ND	0 / 14	<	6.07E-02	3.60E-01	U	<	6.07E-02	3.70E-01	U
4-Methylphenol (p-cresol)	ND	0 / 14	<	4.64E-02	3.60E-01	U	<	4.64E-02	3.70E-01	U
4-Nitroaniline	ND	0 / 14	<	7.28E-02	3.60E-01	U	<	7.28E-02	3.70E-01	U
4-Nitrophenol	ND	0 / 14	<	5.98E-02	7.20E-01	U	<	5.98E-02	7.30E-01	U
Acenaphthene	ND	0 / 14	<	5.38E-02	3.60E-01	U	<	5.38E-02	3.70E-01	U
Acenaphthylene	ND	0 / 14	<	5.31E-02	3.60E-01	U	<	5.31E-02	3.70E-01	U

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB07-004				C36-SB07-18			
DATE COLLECTED			June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Acetophenone	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Anthracene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.70E-01	U
Atrazine	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Benzaldehyde	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Benzo(a)anthracene	7.80E-02 F	1 / 14	<	5.80E-02	3.60E-01	U	<	5.80E-02	3.70E-01	U
Benzo(a)pyrene	1.10E-01 F	1 / 14	<	5.07E-02	3.60E-01	U	<	5.07E-02	3.70E-01	U
Benzo(b)fluoranthene	1.70E-01 F	4 / 14	<	6.00E-02	3.60E-01	U	<	6.00E-02	3.70E-01	U
Benzo(g,h,i)perylene	1.10E-01 F	1 / 14	<	5.52E-02	3.60E-01	U	<	5.52E-02	3.70E-01	U
Benzo(k)fluoranthene	8.00E-02 F	2 / 14	<	6.10E-02	3.60E-01	U	<	6.10E-02	3.70E-01	U
Biphenyl (diphenyl)	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
bis(2-Chloroethoxy)methane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.70E-01	U
bis(2-Chloroethyl)ether	ND	0 / 14	<	5.00E-02	3.60E-01	U	<	5.00E-02	3.70E-01	U
bis(2-Ethylhexyl)phthalate	ND	0 / 14	<	6.16E-02	3.60E-01	U	<	6.16E-02	3.70E-01	U
Butylbenzylphthalate	ND	0 / 14	<	5.55E-02	3.60E-01	U	<	5.55E-02	3.70E-01	U
Caprolactam	ND	0 / 14	<	9.00E-02	3.60E-01	U	<	9.00E-02	3.70E-01	U
Carbazole	ND	0 / 14	<	8.16E-02	3.60E-01	U	<	8.16E-02	3.70E-01	U
Chrysene	1.50E-01 F	3 / 14	<	6.06E-02	3.60E-01	U	<	6.06E-02	3.70E-01	U
Dibenz(a,h)anthracene	ND	0 / 14	<	5.94E-02	3.60E-01	U	<	5.94E-02	3.70E-01	U
Dibenzofuran	ND	0 / 14	<	5.73E-02	3.60E-01	U	<	5.73E-02	3.70E-01	U
Diethylphthalate	ND	0 / 14	<	6.21E-02	3.60E-01	U	<	6.21E-02	3.70E-01	U
Dimethylphthalate	ND	0 / 14	<	6.33E-02	3.60E-01	U	<	6.33E-02	3.70E-01	U
Di-n-butylphthalate	ND	0 / 14	<	6.59E-02	3.60E-01	U	<	6.59E-02	3.70E-01	U
Di-n-octylphthalate	ND	0 / 14	<	5.84E-02	3.60E-01	U	<	5.84E-02	3.70E-01	U
Fluoranthene	2.50E-01 F	6 / 14	<	6.54E-02	3.60E-01	U	6.70E-02	6.54E-02	3.70E-01	F
Fluorene	ND	0 / 14	<	6.13E-02	3.60E-01	U	<	6.13E-02	3.70E-01	U
Hexachlorobenzene	ND	0 / 14	<	6.03E-02	3.60E-01	U	<	6.03E-02	3.70E-01	U
Hexachlorobutadiene	ND	0 / 14	<	5.17E-02	3.60E-01	U	<	5.17E-02	3.70E-01	U
Hexachlorocyclopentadiene	ND	0 / 14	<	4.40E-02	3.60E-01	U	<	4.40E-02	3.70E-01	U
Hexachloroethane	ND	0 / 14	<	4.99E-02	3.60E-01	U	<	4.99E-02	3.70E-01	U
Indeno(1,2,3-cd)pyrene	8.30E-02 F	1 / 14	<	6.04E-02	3.60E-01	U	<	6.04E-02	3.70E-01	U
Isophorone	ND	0 / 14	<	5.70E-02	3.60E-01	U	<	5.70E-02	3.70E-01	U
Naphthalene	ND	0 / 14	<	5.05E-02	3.60E-01	U	<	5.05E-02	3.70E-01	U
Nitrobenzene	ND	0 / 14	<	4.98E-02	3.60E-01	U	<	4.98E-02	3.70E-01	U
N-Nitroso-di-n-propylamine	ND	0 / 14	<	5.49E-02	3.60E-01	U	<	5.49E-02	3.70E-01	U
N-Nitrosodiphenylamine	ND	0 / 14	<	5.06E-02	3.60E-01	U	<	5.06E-02	3.70E-01	U
Pentachlorophenol	ND	0 / 14	<	5.87E-02	7.20E-01	U	<	5.87E-02	7.30E-01	U
Phenanthrene	1.30E-01 F	1 / 14	<	5.82E-02	3.60E-01	U	<	5.82E-02	3.70E-01	U
Phenol	ND	0 / 14	<	4.30E-02	3.60E-01	U	<	4.30E-02	3.70E-01	U
Pyrene	2.60E-01 F	6 / 14	<	5.41E-02	3.60E-01	U	5.50E-02	5.41E-02	3.70E-01	F

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB07-004				C36-SB07-18			
DATE COLLECTED			June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
PESTICIDES (ORGANOCHLORINE) (mg/kg)										
4,4-DDD	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
4,4-DDE	ND	0 / 14	<	1.60E-03	4.00E-03	U	<	1.60E-03	4.00E-03	U
4,4-DDT	ND	0 / 14	<	4.00E-04	4.00E-03	U	<	4.00E-04	4.00E-03	U
Aldrin	ND	0 / 14	<	1.40E-03	4.00E-03	U	<	1.40E-03	4.00E-03	U
alpha-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
alpha-Chlordane	4.70E-03	1 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
beta-BHC	ND	0 / 14	<	1.00E-03	4.00E-03	U	<	1.00E-03	4.00E-03	U
delta-BHC	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Dieldrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endosulfan I	ND	0 / 14	<	2.20E-03	4.00E-03	U	<	2.20E-03	4.00E-03	U
Endosulfan II	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
Endosulfan sulfate	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Endrin aldehyde	ND	0 / 14	<	2.90E-03	4.00E-03	U	<	2.90E-03	4.00E-03	U
gamma-BHC (Lindane)	ND	0 / 14	<	9.00E-04	4.00E-03	U	<	9.00E-04	4.00E-03	U
gamma-Chlordane	1.10E+00	3 / 14	<	9.00E-04	4.00E-03	U	1.10E+00	9.00E-04	4.00E-03	
Heptachlor	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Heptachlor epoxide	ND	0 / 14	<	1.10E-03	4.00E-03	U	<	1.10E-03	4.00E-03	U
Methoxychlor	6.00E-03 F	2 / 14	<	1.00E-03	2.00E-02	U	<	1.00E-03	2.00E-02	U
Toxaphene	ND	0 / 14	<	1.00E-02	1.00E-01	U	<	1.00E-02	1.00E-01	U
POLYCHLORINATED BIPHENYLS (PCB) (mg/kg)										
Aroclor 1016	ND	0 / 14	<	1.00E-02	6.00E-02	U	<	1.00E-02	6.00E-02	U
Aroclor 1221	ND	0 / 14	<	5.00E-03	6.00E-02	U	<	5.00E-03	6.00E-02	U
Aroclor 1232	ND	0 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
Aroclor 1242	ND	0 / 14	<	3.00E-03	6.00E-02	U	<	3.00E-03	6.00E-02	U
Aroclor 1248	ND	0 / 14	<	1.00E-03	6.00E-02	U	<	1.00E-03	6.00E-02	U
Aroclor 1254	ND	0 / 14	<	2.00E-03	6.00E-02	U	<	2.00E-03	6.00E-02	U
Aroclor 1260	5.30E-02 F	1 / 14	<	4.00E-03	6.00E-02	U	<	4.00E-03	6.00E-02	U
TOTAL PETROLEUM HYDROCARBONS (mg/kg)										
Diesel Range Organics	1.00E+02	9 / 14	6.90E+01	2.00E+00	2.20E+01		1.00E+02	5.00E+00	5.60E+01	
Gasoline Range Organics	ND	0 / 14	<	3.30E-01	1.10E+00	U	<	3.30E-01	1.10E+00	U
Motor Oils	1.90E+02	9 / 14	1.50E+02	7.00E+00	2.20E+01		1.90E+02	1.75E+01	5.60E+01	
METALS (mg/kg)										
Aluminum	1.28E+04	14 / 14	7.20E+03	2.00E+01	2.63E+02		1.28E+04	1.00E+01	1.34E+02	
Antimony	3.70E-01 F	1 / 14	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	2.70E+00	13 / 14	2.20E+00	9.00E-02	7.00E-01		2.70E+00	9.00E-02	7.00E-01	
Barium	1.07E+03	14 / 14	6.03E+02	1.00E+00	1.10E+01		5.06E+02	5.00E-01	5.60E+00	
Beryllium	6.50E-01	14 / 14	3.10E-01	4.00E-02	2.00E-01		6.50E-01	4.00E-02	2.00E-01	
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U
Calcium	1.91E+05	14 / 14	1.90E+05	1.60E+01	2.19E+02		8.81E+04	8.20E+00	1.11E+02	

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB07-004				C36-SB07-18			
DATE COLLECTED			June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual
Chromium	9.90E+00	14 / 14	5.60E+00	3.00E-02	6.00E-01		9.50E+00	3.00E-02	6.00E-01	
Cobalt	2.70E+00	14 / 14	1.10E+00	5.00E-02	6.00E-01		2.70E+00	5.00E-02	6.00E-01	
Copper	4.70E+00	14 / 14	2.50E+00	9.00E-02	6.00E-01		2.80E+00	9.00E-02	6.00E-01	
Iron	1.02E+04	14 / 14	5.99E+03	1.40E+01	1.10E+02		1.02E+04	7.10E+00	5.60E+01	
Lead	6.19E+01	14 / 14	4.20E+00	9.00E-02	5.50E+00	F	6.00E+00	9.00E-02	5.60E+00	
Magnesium	5.75E+03	14 / 14	2.99E+03	7.40E-01	8.80E+00		5.75E+03	7.40E-01	8.90E+00	
Manganese	1.24E+02	14 / 14	4.06E+01	1.30E-01	6.00E-01		1.24E+02	1.30E-01	6.00E-01	
Mercury	1.80E-02 J	7 / 14	<	1.00E-02	1.00E-01	UB	<	1.00E-02	1.00E-01	UB
Nickel	8.00E+00	14 / 14	4.90E+00	7.00E-02	6.00E-01		8.00E+00	7.00E-02	6.00E-01	
Potassium	3.29E+03	14 / 14	1.08E+03	1.39E+01	1.10E+02		3.29E+03	1.39E+01	1.11E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	ND	0 / 14	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	2.44E+02	12 / 14	<	7.36E+00	1.10E+02	UB	2.44E+02	7.36E+00	1.11E+02	
Thallium	ND	0 / 14	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U
Vanadium	2.00E+01	14 / 14	1.45E+01	6.00E-02	6.00E-01		1.86E+01	6.00E-02	6.00E-01	
Zinc	2.90E+01	14 / 14	1.10E+01	1.15E+00	5.50E+00		1.84E+01	1.15E+00	5.60E+00	

Notes:
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
ND = Not Detected
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect

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B.2 Laboratory Results
(Included on CD)

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B.3 Data Reviews

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Cannon AFB Data Review

Laboratory SDG: 56347

Reviewer: Tony Sedlacek

Date Reviewed: 7/10/2008

Guidance: HQ Air Force Center for Environmental Excellence Quality Assurance Project Plan Final Version 4.0.01

Applicable QAPP: Cannon AFB ST-26 (SWMU 48A) and AOC 36 QAPP (URS 2007)

Sample Identification #	Sample Identification #
C26-SB02-08	C26-SB02-20
C26-SB03-08	C26-SB03-16
C26-SB05-02	C26-SB05-18
C26-SB06-08	C26-SB06-10

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated that SVOCs and metals were detected in the method blank. The surrogate recovery for SVOCs surrogate phenol-d_6 was outside evaluation criteria. Metals MS recoveries and manganese and barium laboratory duplicate RPDs were outside evaluation criteria. TPH-DRO sample C26-SB02-08 was analyzed at a dilution due to high TPH-DRO levels. These issues are addressed further in the appropriate sections below.

The cooler receipt form indicated no discrepancies.

3.0 Holding Times

Were samples extracted/analyzed within QAPP limits?

Yes

Field ID	Parameter	Analyte	Qualification
N/A			

4.0 Blank Contamination

Were any analytes detected in the Method Blanks, Field Blanks or Trip Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration	Units
A080623-BLK	SVOCs	bis(2-ethylhexyl)phthalate	130	µg/kg
A080623-BLK	SVOCs	Di-n-butylphthalate	220	µg/kg
A080623-BLK	Metals	Lead	0.14	mg/kg
A080623-BLK	Metals	Selenium	0.24	mg/kg

Qualifications due to blank contamination are included in the table below. Analytical data that were reported nondetect or at concentrations greater than five times (5X) the associated blank concentration (10X for common laboratory contaminants) did not require qualification.

Field ID	Parameter	Analyte	New RL	Qualification
C26-SB02-08	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**
C26-SB02-20	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**
C26-SB02-20	SVOCs	Di-n-butylphthalate	-	**UB**
C26-SB03-08	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**
C26-SB03-08	SVOCs	Di-n-butylphthalate	-	**UB**
C26-SB03-16	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**
C26-SB03-16	SVOCs	Di-n-butylphthalate	-	**UB**
C26-SB05-02	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**
C26-SB05-02	SVOCs	Di-n-butylphthalate	-	**UB**
C26-SB05-18	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**
C26-SB05-18	SVOCs	Di-n-butylphthalate	-	**UB**
C26-SB06-08	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**
C26-SB06-08	SVOCs	Di-n-butylphthalate	-	**UB**
C26-SB06-10	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**
C26-SB06-10	SVOCs	Di-n-butylphthalate	-	**UB**
C26-SB03-16	Metals	Lead	-	**UB**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

LCS ID	Parameter	Analyte	LCS/LCSD Recovery	RPD	LCS/LCSD/RPD Criteria
N/A					

Analytical data that required qualification based on LCS data are included in the table below. Analytical data which were reported as nondetect and associated with LCS recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Field ID	Parameter	Analyte	Qualification
N/A			

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

No

Field ID	Parameter	Surrogate	Recovery	Criteria
C26-SB06-10	SVOCs	Phenol-d_6	**39.3**	40-100

Analytical data that required qualification based on surrogate data are included in the table below. Analytical data which were reported as nondetect and associated with surrogate recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Field ID	Parameter	Analyte	Qualification
C26-SB06-10	SVOCs	Phenol	**UJ**

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples collected as part of this SDG?

Yes, sample C26-SB06-10 was spiked and analyzed for metals.

Were MS/MSD recoveries within evaluation criteria?

No

MS/MSD ID	Parameter	Analyte	MS Recovery	RPD	MS Criteria
C26-SB06-10	Metals	Antimony	**75.8**	N/A	80-120
C26-SB06-10	Metals	Arsenic	**76.3**	N/A	80-120
C26-SB06-10	Metals	Cadmium	**53.9**	N/A	80-120
C26-SB06-10	Metals	Chromium	**71.0**	N/A	80-120
C26-SB06-10	Metals	Cobalt	**70.2**	N/A	80-120
C26-SB06-10	Metals	Copper	**78.9**	N/A	80-120
C26-SB06-10	Metals	Lead	**69.5**	N/A	80-120
C26-SB06-10	Metals	Manganese	**74.9**	N/A	80-120
C26-SB06-10	Metals	Nickel	**67.5**	N/A	80-120
C26-SB06-10	Metals	Selenium	**56.5**	N/A	80-120
C26-SB06-10	Metals	Thallium	**67.3**	N/A	80-120
C26-SB06-10	Metals	Vanadium	**74.9**	N/A	80-120
C26-SB06-10	Metals	Zinc	**64.6**	N/A	80-120

Analytical data that required qualification based on MS/MSD data are included in the table below. The MS/MSD recoveries for inorganic compounds with sample concentrations greater than four times (4X) the matrix spike concentration did not require evaluation or qualification.

Field ID	Parameter	Analyte	Qualification
C26-SB06-10	Metals	Antimony	**UJ**
C26-SB06-10	Metals	Arsenic	**J**
C26-SB06-10	Metals	Cadmium	**UJ**
C26-SB06-10	Metals	Chromium	**J**
C26-SB06-10	Metals	Cobalt	**J**
C26-SB06-10	Metals	Copper	**J**
C26-SB06-10	Metals	Lead	**J**
C26-SB06-10	Metals	Manganese	**J**
C26-SB06-10	Metals	Nickel	**J**
C26-SB06-10	Metals	Selenium	**UJ**
C26-SB06-10	Metals	Thallium	**J**
C26-SB06-10	Metals	Vanadium	**J**
C26-SB06-10	Metals	Zinc	**UJ**

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples analyzed as part of this SDG?

Yes, sample C26-SB06-10 was duplicated and analyzed for metals.

Were laboratory duplicate sample RPDs within criteria?

No

Field ID	Parameter	Analyte	RPD	Criteria
C26-SB06-10	Metals	Manganese	**31**	20
C26-SB06-10	Metals	Barium	**65**	20

Data qualified due to outlying laboratory duplicate recoveries are identified below. Manganese was previously qualified in sample C26-SB06-10 due to low MS recovery; therefore, no additional qualification of data was required.

Field ID	Parameter	Analyte	Qualification
C26-SB06-10	Metals	Barium	**J**

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

Field ID	Field Duplicate ID
N/A	

Were field duplicates within evaluation criteria?

N/A

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
N/A					

10.0 Sample Dilutions

For samples which were diluted, were undiluted results also reported?

No

The following table identifies the analyses which were reported as nondetect, diluted, and an undiluted run ***was not*** reported:

Field ID	Parameter	Dilution Factor
C26-SB02-08	TPH-DRO	20

11.0 Additional Qualifications

Were additional qualifications applied?

No

Cannon AFB Data Review

Laboratory SDG: 56367

Reviewer: Tony Sedlacek

Date Reviewed: 7/14/2008

Guidance: HQ Air Force Center for Environmental Excellence Quality Assurance Project Plan Final Version 4.0.01

Applicable QAPP: Cannon AFB ST-26 (SWMU 48A) and AOC 36 QAPP (URS 2007)

Sample Identification #	Sample Identification #
C26-SB01-07	C36-SB01-008
C36-SB01-018	C36-SB02-004
C36-SB02-018	C36-SB03-010
C36-SB03-018	C36-SB04-004
C36-SB04-204	C36-SB04-014
C36-SB05-004	C36-SB05-018
C36-SB06-004	C36-SB06-018
C36-SB07-004	C36-SB07-18
C26-SB07-06	C26-SB07-12
C26-SB04-08	C26-SB04-13
C36-SB01-05	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated that VOC 1,2,4-Trichlorobenzene and metals were detected in the method blank. VOC LCS recovery for 1,2,4-Trichlorobenzene and surrogate recovery for 4-bromofluorobenzene were outside evaluation criteria. Several VOC MS/MSD recoveries and MS/MSD RPDs and metals MS recoveries were outside evaluation criteria. Laboratory duplicate RPDs were outside evaluation criteria for calcium and barium. Several TPH-DRO samples were diluted due to high levels of TPH-DRO. Although not indicted in the

laboratory case narrative, acetone was qualified in several samples using professional judgment. These issues are addressed further in the appropriate sections below.

The cooler receipt form indicated that one of three 40 ml vials was received broken by the laboratory for sample C26-SB01-07. Sufficient sample volume was available to complete the requested analysis. No qualification of data was required.

3.0 Holding Times

Were samples extracted/analyzed within QAPP limits?

Yes

Field ID	Parameter	Analyte	Qualification
N/A			

4.0 Blank Contamination

Were any analytes detected in the Method Blanks, Field Blanks or Trip Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration	Units
AC080703-BLK	VOCs	1,2,4-Trichlorobenzene	1.2	µg/kg
AA080625-BLK	Metals	Calcium	1.1	mg/kg
A080626-BLK	Metals	Antimony	0.23	mg/kg
A080626-BLK	Metals	Arsenic	0.15	mg/kg
A080626-BLK	Metals	Copper	0.14	mg/kg
A080626-BLK	Metals	Sodium	16.5	mg/kg
A080626-BLK	Metals	Mercury	0.015	mg/kg
AA080626-BLK	Metals	Calcium	1.2	mg/kg
AA080626-BLK	Metals	Iron	0.73	mg/kg

Qualifications due to blank contamination are included in the table below. Analytical data that were reported nondetect or at concentrations greater than five times (5X) the associated blank concentration (10X for common laboratory contaminants) did not require qualification.

Field ID	Parameter	Analyte	New RL	Qualification
C36-SB06-004	Metals	Sodium	-	**UB**
C36-SB07-004	Metals	Sodium	-	**UB**
C36-SB05-018	Metals	Mercury	-	**UB**
C36-SB06-004	Metals	Mercury	-	**UB**
C36-SB06-018	Metals	Mercury	-	**UB**
C36-SB07-004	Metals	Mercury	-	**UB**

Field ID	Parameter	Analyte	New RL	Qualification
C36-SB07-18	Metals	Mercury	-	**UB**
C26-SB07-06	Metals	Mercury	-	**UB**
C26-SB07-12	Metals	Mercury	-	**UB**
C26-SB04-08	Metals	Mercury	-	**UB**
C26-SB04-13	Metals	Mercury	-	**UB**
C36-SB01-05	Metals	Mercury	-	**UB**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

No

LCS ID	Parameter	Analyte	LCS Recovery	RPD	LCS Criteria
AC080703	VOCs	1,2,4-Trichlorobenzene	**131**	N/A	65-130

Analytical data that required qualification based on LCS data are included in the table below. Analytical data which were reported as nondetect and associated with LCS recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Field ID	Parameter	Analyte	Qualification
N/A			

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

No

Field ID	Parameter	Surrogate	Recovery	Criteria
C36-SB07-18	VOCs	4-Bromofluorobenzene	**122**	85-120

Analytical data that required qualification based on surrogate data are included in the table below. Analytical data which were reported as nondetect and associated with surrogate recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Field ID	Parameter	Analyte	Qualification
N/A			

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples collected as part of this SDG?

Yes, sample C36-SB01-008 was spiked and analyzed for pesticides, PCBs, TPH-DRO, SVOCs, VOCs, TPH-GRO and metals. Sample C36-SB01-05 was spiked and analyzed for metals. Samples C36-SB01-008 and C36-SB05-018 was spiked and analyzed for mercury.

Were MS/MSD recoveries within evaluation criteria?

No, 39 out of 54 MS, 24 out of 54 MSD VOC recoveries were outside evaluation criteria and 15/54 RPD were outside evaluation criteria and are not listed individually in the following table.

MS/MSD ID	Parameter	Analyte	MS Recovery	RPD	MS Criteria
C36-SB01-008	Metals	Cadmium	**62.7**	N/A	80-120
C36-SB01-008	Metals	Cobalt	**78.9**	N/A	80-120
C36-SB01-008	Metals	Lead	**75.6**	N/A	80-120
C36-SB01-008	Metals	Manganese	**77.1**	N/A	80-120
C36-SB01-008	Metals	Nickel	**76.9**	N/A	80-120
C36-SB01-008	Metals	Potassium	**135**	N/A	80-120
C36-SB01-008	Metals	Selenium	**69.9**	N/A	80-120
C36-SB01-008	Metals	Thallium	**72.1**	N/A	80-120
C36-SB01-008	Metals	Zinc	**73.5**	N/A	80-120
C36-SB01-008	Metals	Mercury	**122**	N/A	80-120
C36-SB01-05	Metals	Antimony	**55.1**	N/A	80-120
C36-SB01-05	Metals	Arsenic	**74.7**	N/A	80-120
C36-SB01-05	Metals	Barium	**59.2**	N/A	80-120
C36-SB01-05	Metals	Beryllium	**78.2**	N/A	80-120
C36-SB01-05	Metals	Cadmium	**67.3**	N/A	80-120
C36-SB01-05	Metals	Chromium	**75.6**	N/A	80-120
C36-SB01-05	Metals	Cobalt	**74.3**	N/A	80-120
C36-SB01-05	Metals	Lead	**68.6**	N/A	80-120
C36-SB01-05	Metals	Manganese	**45.8**	N/A	80-120
C36-SB01-05	Metals	Nickel	**72.4**	N/A	80-120
C36-SB01-05	Metals	Potassium	**123**	N/A	80-120
C36-SB01-05	Metals	Selenium	**67.7**	N/A	80-120
C36-SB01-05	Metals	Silver	**79.4**	N/A	80-120
C36-SB01-05	Metals	Thallium	**71.3**	N/A	80-120
C36-SB01-05	Metals	Vanadium	**79.0**	N/A	80-120
C36-SB01-05	Metals	Zinc	**70.4**	N/A	80-120
C36-SB05-018	Metals	Mercury	**122**	N/A	80-120

Analytical data that required qualification based on MS/MSD data are included in the

table below. The MS/MSD recoveries for inorganic compounds with sample concentrations greater than four times (4X) the matrix spike concentration did not require evaluation or qualification. USEPA National Functional Guidelines for Low Concentration Organic Data Review indicates that organic data should not be qualified based on MS/MSD data alone and LCS recoveries were within evaluation criteria, therefore no qualification of the data was required.

Field ID	Parameter	Analyte	Qualification
C36-SB01-008	Metals	Cadmium	**UJ**
C36-SB01-008	Metals	Cobalt	**J**
C36-SB01-008	Metals	Lead	**J**
C36-SB01-008	Metals	Manganese	**J**
C36-SB01-008	Metals	Nickel	**J**
C36-SB01-008	Metals	Potassium	**J**
C36-SB01-008	Metals	Selenium	**UJ**
C36-SB01-008	Metals	Thallium	**UJ**
C36-SB01-008	Metals	Zinc	**J**
C36-SB01-008	Metals	Mercury	**J**
C36-SB01-05	Metals	Antimony	**UJ**
C36-SB01-05	Metals	Arsenic	**J**
C36-SB01-05	Metals	Barium	**J**
C36-SB01-05	Metals	Beryllium	**J**
C36-SB01-05	Metals	Cadmium	**UJ**
C36-SB01-05	Metals	Chromium	**J**
C36-SB01-05	Metals	Cobalt	**J**
C36-SB01-05	Metals	Lead	**J**
C36-SB01-05	Metals	Manganese	**J**
C36-SB01-05	Metals	Nickel	**J**
C36-SB01-05	Metals	Potassium	**J**
C36-SB01-05	Metals	Selenium	**UJ**
C36-SB01-05	Metals	Silver	**UJ**
C36-SB01-05	Metals	Thallium	**UJ**
C36-SB01-05	Metals	Vanadium	**J**
C36-SB01-05	Metals	Zinc	**J**

8.0 Laboratory Duplicate Results

Were laboratory duplicate samples analyzed as part of this SDG?

Yes, samples C36-SB01-008 and C36-SB01-05 were duplicated and analyzed for metals. Sample C36-SB05-018 was duplicated and analyzed for mercury.

Were laboratory duplicate sample RPDs within criteria?

No

Field ID	Parameter	Analyte	RPD	Criteria
C36-SB01-008	Metals	Barium	**27**	20
C36-SB01-05	Metals	Calcium	**40**	20

Data qualified due to outlying laboratory duplicate recoveries are identified below:

Field ID	Parameter	Analyte	Qualification
C36-SB01-008	Metals	Barium	**J**
C36-SB01-05	Metals	Calcium	**J**

9.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
C36-SB04-004	C36-SB04-204

Were field duplicates within evaluation criteria?

Yes

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
N/A					

10.0 Sample Dilutions

For samples which were diluted, were undiluted results also reported?

No

The following table identifies the analyses which were reported as nondetect, diluted, and an undiluted run ***was not*** reported:

Field ID	Parameter	Dilution Factor
C26-SB01-07	TPH-DRO	5
C36-SB02-004	TPH-DRO	2
C36-SB06-004	TPH-DRO	5

Field ID	Parameter	Dilution Factor
C36-SB06-018	TPH-DRO	2
C36-SB07-004	TPH-DRO	2
C36-SB07-18	TPH-DRO	5
C26-SB04-013	TPH-DRO	2

11.0 Additional Qualifications

Were additional qualifications applied?

Yes

Professional judgment was used to qualify the common laboratory contaminant acetone. USEPA Method 5035A states that acidification of certain soils with sodium bisulfate may produce a false positive acetone artifact of 100-200 ppb, or more. Acetone reported at concentrations less than 200 ppb (ug/kg) were qualified.

Field ID	Analyte	New RL	Qualification	Comments
C36-SB01-008	Acetone	-	**U**	Professional Judgment
C36-SB04-014	Acetone	-	**U**	Professional Judgment
C36-SB05-018	Acetone	-	**U**	Professional Judgment
C36-SB06-018	Acetone	-	**U**	Professional Judgment
C36-SB07-004	Acetone	-	**U**	Professional Judgment
C36-SB07-18	Acetone	-	**U**	Professional Judgment
C26-SB07-06	Acetone	-	**U**	Professional Judgment
C26-SB07-12	Acetone	-	**U**	Professional Judgment
C26-SB04-08	Acetone	-	**U**	Professional Judgment
C26-SB04-13	Acetone	-	**U**	Professional Judgment

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B.4 Qualified Data Table

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SUMMARY OF DATA QUALIFICATIONS

SDG	Field ID	Matrix	Analysis	Analyte	NEW RL	URS Qual.	Code	Comments
56347	C26-SB02-08	Soil	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB02-20	Soil	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB02-20	Soil	SVOCs	Di-n-butylphthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB03-08	Soil	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB03-08	Soil	SVOCs	Di-n-butylphthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB03-16	Soil	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB03-16	Soil	SVOCs	Di-n-butylphthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB05-02	Soil	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB05-02	Soil	SVOCs	Di-n-butylphthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB05-18	Soil	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB05-18	Soil	SVOCs	Di-n-butylphthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB06-08	Soil	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB06-08	Soil	SVOCs	Di-n-butylphthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB06-10	Soil	SVOCs	bis(2-ethylhexyl)phthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB06-10	Soil	SVOCs	Di-n-butylphthalate	-	**UB**	MB	Method Blank Contamination
56347	C26-SB03-16	Soil	Metals	Lead	-	**UB**	MB	Method Blank Contamination
56347	C26-SB06-10	Soil	SVOCs	Phenol	-	**UJ**	SL	Surrogate Recovery Low
56347	C26-SB06-10	Soil	Metals	Antimony		**UJ**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Arsenic		**J**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Cadmium		**UJ**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Chromium		**J**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Cobalt		**J**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Copper		**J**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Lead		**J**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Manganese		**J**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Nickel		**J**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Selenium		**UJ**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Thallium		**J**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Vanadium		**J**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Zinc		**UJ**	ML	MS Recovery Low
56347	C26-SB06-10	Soil	Metals	Barium		**J**	LD	Laboratory Duplicate RPD > 20
56367	C36-SB06-004	Soil	Metals	Sodium	-	**UB**	MB	Method Blank Contamination
56367	C36-SB07-004	Soil	Metals	Sodium	-	**UB**	MB	Method Blank Contamination
56367	C36-SB05-018	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C36-SB06-004	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C36-SB06-018	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C36-SB07-004	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C36-SB07-18	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C26-SB07-06	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C26-SB07-12	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C26-SB04-08	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C26-SB04-13	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C26-SB01-05	Soil	Metals	Mercury	-	**UB**	MB	Method Blank Contamination
56367	C36-SB01-008	Soil	Metals	Cadmium	-	**UJ**	ML	MS Recovery Low
56367	C36-SB01-008	Soil	Metals	Cobalt	-	**J**	ML	MS Recovery Low
56367	C36-SB01-008	Soil	Metals	Lead	-	**J**	ML	MS Recovery Low
56367	C36-SB01-008	Soil	Metals	Manganese	-	**J**	ML	MS Recovery Low
56367	C36-SB01-008	Soil	Metals	Nickel	-	**J**	ML	MS Recovery Low
56367	C36-SB01-008	Soil	Metals	Potassium	-	**J**	MH	MS Recovery High
56367	C36-SB01-008	Soil	Metals	Selenium	-	**UJ**	ML	MS Recovery Low

SUMMARY OF DATA QUALIFICATIONS

SDG	Field ID	Matrix	Analysis	Analyte	NEW RL	URS Qual.	Code	Comments
56367	C36-SB01-008	Soil	Metals	Thallium	-	**UJ**	ML	MS Recovery Low
56367	C36-SB01-008	Soil	Metals	Zinc	-	**J**	ML	MS Recovery Low
56367	C36-SB01-008	Soil	Metals	Mercury	-	**J**	MH	MS Recovery High
56367	C26-SB01-05	Soil	Metals	Antimony	-	**UJ**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Arsenic	-	**J**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Barium	-	**J**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Beryllium	-	**J**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Cadmium	-	**UJ**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Chromium	-	**J**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Cobalt	-	**J**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Lead	-	**J**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Manganese	-	**J**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Nickel	-	**J**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Potassium	-	**J**	MH	MS Recovery High
56367	C26-SB01-05	Soil	Metals	Selenium	-	**UJ**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Silver	-	**UJ**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Thallium	-	**UJ**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Vanadium	-	**J**	ML	MS Recovery Low
56367	C26-SB01-05	Soil	Metals	Zinc	-	**J**	ML	MS Recovery Low
56367	C36-SB01-008	Soil	Metals	Barium	-	**J**	LD	Laboratory Duplicate RPD > 20
56367	C26-SB01-05	Soil	Metals	Calcium	-	**J**	LD	Laboratory Duplicate RPD > 20
56367	C36-SB01-008	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment
56367	C36-SB04-014	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment
56367	C36-SB05-018	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment
56367	C36-SB06-018	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment
56367	C36-SB07-004	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment
56367	C36-SB07-18	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment
56367	C26-SB07-06	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment
56367	C26-SB07-12	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment
56367	C26-SB04-08	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment
56367	C26-SB04-13	Soil	VOCs	Acetone	-	**U**	PJ	Professional Judgment

MB Method Blank Contamination
ML MS Recovery Low
SL Surrogate Recovery Low
LD Laboratory Duplicate RPD > 20
MH MS Recovery High
PJ Professional Judgment

B.5 Chains of Custody

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CHAIN OF CUSTODY RECORD

Project Name: Cannon AFB CMI 2008

Project No.: 16170215

Project Location: Cannon AFB, NM

Project Manager: J. Voelker

Sampler(s): G. Joyce, S. Wrightson

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOC 8260B	TPH GRO 8015B	SVOC 8270D	TPH DRO 8015B	TAL METALS 6010B 7470A	Pest/PCBs 8081A/8082					Remarks
06/18/08	1140		X	C26-SB02-08 ✓	Soil	3	40ml VOA	X										4°C + 1-CH3OH
	1140		X	↓ ↓		3	40ml VOA		X									4°C + 1-CH3OH
	1140		X			1	8oz jar			X	X	X	X					4°C
	1240		X	C26-SB02-20 ✓		3	40ml VOA	X										4°C + 1-CH3OH
	1240		X			3	40ml VOA		X									4°C + 1-CH3OH
	1240		X	↓ ↓	↓	1	8oz jar			X	X	X	X					4°C
				~~Trip Blank 06/18/08~~	~~H2O~~													
	1330		X	C26-SB03-08 ✓	Soil	3	40ml VOA	X										4°C + 1-CH3OH
	1330		X	↓ ↓		3	40ml VOA		X									4°C + 1-CH3OH
	1330		X			1	8oz jar			X	X	X	X					4°C
	1400		X	C26-SB03-16 ✓		3	40ml VOA	X										4°C + 1-CH3OH
	1400		X	↓ ↓		3	40ml VOA		X									4°C + 1-CH3OH
	1400		X	↓ ↓	↓	1	8oz jar			X	X	X	X					4°C

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by: George Joyce	06/18/08	1710	Method of Shipment: Fed Ex	
Received by:			Airbill No.: 8634 7988 3709	
Relinquished by:			Lab Address: APPL Labs, Dane Anderson, 4203 W. Smith Ave, Fresno CA 93722, (559) 275-2175	
Received for Laboratory by:	06/19/08	0950		

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CHAIN OF CUSTODY RECORD

Project Name: Cannon AFB CMI 2008

Project No.: 16170215

Project Location: Cannon AFB NM

Project Manager: J. Dielker

Sampler(s): G. Joyce, S. Wrighton

Analytical Parameters

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOC 8260B	TPH GRO 8015B	SVOC 8270D	TPH DRO 8015B	TAL Metals 6010B/7470A	Rest/PCBs 8082/8082A				Remarks
06/18/08	1420		X	C26-SB05-02	Soil	3	40ml VOA	X									4°C +1 + CH3OH
	1420		X			3	40ml VOA		X								4°C +1 - CH3OH
	1420		X			1	8oz Glass Jar			X	X	X	X				4°C
	1500		X	C26-SB~~06~~05-18		3	40ml VOA	X									4°C +1 - CH3OH
			X	C26-SB05-18		3	40ml VOA		X								4°C +1 - CH3OH
			X	C26-SB05-18		1	8oz Jar			X	X	X	X				4°C
	~~1530~~																
	1530		X	C26-SB06-08	Soil	3	40ml VOA	X									4°C +1 - CH3OH
			X			3	40ml VOA		X	~~X~~	~~X~~	~~X~~	~~X~~				4°C +1 - CH3OH
			X			1	8oz glass Jar			X	X	X	X				4°C
	1545		X	C26-SB06-10		3	40ml VOA	X									4°C +1 CH3OH
			X			3	40ml VOA		X								4°C +1 CH3OH
			X			1	8oz glass Jar			X	X	X	X				4°C

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by: George Joyce			Method of Shipment: Fedex	
Received by:			Airbill No.: 8634 7988 3709	
Relinquished by:			Lab Address: Appl Labs, Diane Anderson, 4203 W. Swift Ave, Fresno, CA 93722, (559) 275-2175	
Received for Laboratory by:	06/19/08	0950		

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CHAIN OF CUSTODY RECORD

Project Name: Cannon AFB CMI 2008

Project No.: 16170215

Project Location: Clovis, NM

Project Manager: J. Voelker

Sampler(s): G. Joyce, S. Wrightson

Analytical Parameters

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOC 8260B	TPH GRO 8015B	SVOC - 8270D	TPH DRO 8015B	Metals 6010B/7471A	Pest/PCBs 8081A/8082					Remarks
~~6/19/08~~	~~0800~~ 0930		X	~~SB01-07~~ ~~C26~~ SB01-07	Soil	3	40ml VOA	X										4°C + 1 CH3OH
↓			X	C26 / SB01-07	↓	3	40ml VOA		X									4°C + 1 CH3OH
↓			X	↓ ↓		1	8oz Jar			X	X	X	X					4°C + ~~1 CH3OH~~
6/19/08	0900		X	C36-SB01-008		3	40ml VOA	X										4°C + 1 CH3OH
↓	↓		X	↓ ↓		3	40ml VOA		X									4°C + 1 CH3OH
↓	↓		X	↓ ↓	↓	1	8oz Jar			X	X	X	X					4°C
6/19/08	0900		X	C36-SB01-108 MS/MSD	↓	3	40ml VOA											4°C + 1 CH3OH
↓	↓		X	↓ ↓ ↓ ↓		3	↓											4°C + 1 CH3OH
↓	↓		X	↓ ↓ ↓ ↓	↓	1	8oz Jar	X										4°C
6/19/08	0930			C36-SB01-018	↓	3	40ml VOA		X									4°C + 1 CH3OH
↓	↓		X	↓ ↓ ↓		3	↓			X	~~X~~	~~X~~						4°C + 1 CH3OH
↓	↓		X	↓ ↓ ↓	↓	1	8oz Jar				X	X	X					4°C

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by:	06/19/08	1536	Method of Shipment: Fed Ex	
Received by:			Airbill No.: 8634 7955 3710	
Relinquished by:			Lab Address: Diane Anderson, APPL Labs, 4603 N. Sweet Ave, Fresno CA 93722, (559) 275-2175	
Received for Laboratory by:	06/21/08	1620		

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CHAIN OF CUSTODY RECORD

Project Name: Cannon AFB CMI 2008

Project No.: 1617 0215

Project Location: Clovis, NM

Project Manager: J. Voelker

Sampler(s): G. Joyce, S. Wrightson

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOCs 8260B	TPH GRO 8015B	SVOC 8270	TPH DRO 8015B	metals 6010B/7471A	Pest/PCB 8081A/8082				Remarks
6/18/08	1006			C36-5802-004	Soil	3	40ml VOA	X									4°C + 1 CH3OH
↓	↓			↓	Soil	3	40ml VOA		X								4°C + 1 CH3OH
					Soil	1	8oz Jar			X	X	X	X				4°C

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by:	6/18/08	1536	Method of Shipment: FedEx	
Received by:			Airbill No.: 8634-7988 3710	
Relinquished by:			Lab Address: Diane Anderson, APPL Labs, 4203 W. Swift Ave., Fresno CA. 93722, 559-275-2175	
Received for Laboratory by:	06/20/08	1620		

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Project Name: Cannon AFB CMI 2008

Project No.: 16170215

Project Location: Cannon AFB NM

Project Manager: J. Uelker

Sampler(s): G. Joyce, S. Wrightson

Analytical Parameters

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOC 8260B	TPH GRO 8015B	SVOC 8270D	TPH ORO 8015B	TAL Metals 6010B/7470A	Pest/PCB 8081A/8082					Remarks
6/19/08	1005		X	C36 SB02-018	Soil	3	40ml VOA	X										4°C H-methanol
↓	↓		X	↓		3	40ml VOA		X									4°C + 1 methanol
↓	↓		X	↓		1	8oz glass			X	X	X	X					4°C + ~~1 methanol~~ SW
6/19/08	1035		X	C36 SB03-010		3	40ml VOA	X										4°C + 1 methanol
			X	↓		3	40ml VOA		X									4°C + 1 methanol
			X	↓	↓	1	8oz glass			X	X	X	X					4°
6/19/08	1015		X	C36 SB03 018	Soil	3	40ml VOA	X										4°C + 1 methanol
↓	↓		X	↓	↓	3	40ml VOA		X									4°C + 1 methanol
↓	↓		X	↓	↓	1	8oz glass			X	X	X	X					4°C
6/19/08	1110		X	C36-SB04-009		3	40ml VOA	X										4°C + 1 methanol
			X	↓	↓	3	40ml VOA		X									4°C + 1 methanol
			X	↓	↓	1	8oz glass			X	X	X	X					4°C

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by:	6/19/08	1530	Method of Shipment: Fedex	
Received by:			Airbill No.: 8634 7288- ~~3707~~ 3710	
Relinquished by:			Lab Address: APPL Labs, Diane Anderson, 4203 West Shaw Ave, Fresno CA 93722, 559-275-2175	
Received for Laboratory by:	06/21/08	1620		

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CHAIN OF CUSTODY RECORD

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Project Name: Cannon AFB CMI 2008

Project No.: 16170215

Project Location: Cannon AFB NM

Project Manager: J. Voelker

Sampler(s): G. Joyce / S. Wrightson

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOC 8260B	TPH GRO 8015B	SVOC 8270D	TPH DRO 8015B	TAL Metals 6010B/7470A	Pest/PCB 8081A/8082	Remarks
6/19/08	1200			C36-SB04-004	Soil	1	40ml VOA	X						
↓	↓			↓	Soil	1	40ml VOA		X					
↓	↓			↓	Soil	3	8oz glass			X	X	X	X	
6/19/08	1140			C36-SB04-014	Soil	1	40ml VOA	X						
↓	↓			↓	Soil	1	40ml VOA		X					
↓	↓			↓	Soil	3	8oz glass			X	X	X	X	
6/19/08	1210			C36-SB05-009	Soil	1	40ml VOA	X						
↓	↓			↓	Soil	1	40ml VOA		X					
↓	↓			↓	Soil	3	8oz glass			X	X	X	X	

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by:	06/19/08	1500	Method of Shipment: Fedex	
Received by:			Airbill No.: 8634 7988 3710	
Relinquished by:			Lab Address: APPL Labs, Diane Anderson, 4203 W. Swift Ave, Fresno Ca - 93722, 559-275-2175	
Received for Laboratory by:	06/21/08	1620		

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URS Corporation

12120 Shamrock Plaza Suite 300, Omaha, NE 68154 (402) 334-8181 Fax (402) 334-1984

CHAIN OF CUSTODY RECORD

Project Name: Cannon AFB CMI 2008

Project No.: 16170215

Project Location: Clovis, NM

Project Manager: J. Voelker

Sampler(s): G. Joyce S. Wrightson

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOC 8260B	TPH-GRO 8015B	SVOC 8270D	TPH-DRO 8015B	TAL Metals 6010B/7471A	PCBs 8082A/8082					Remarks
06/19/08	1225		X	C36-5805-018	Soil	3	40ml VOA	X										4°C + 1 CH_3OH
			X			3	40ml VOA		X									4°C + 1 CH_3OH
			X			1	8oz Jar			X	X	X	X					4°C
	1240		X	C36-5806-004		3	40ml VOA	X										4°C + 1 CH_3OH
			X			3	40ml VOA		X									4°C + 1 CH_3OH
			X			1	8oz Jar			X	X	X	X					4°C +
	1255		X	C36-5806-018		3	40ml VOA	X										4°C + 1 CH_3OH
			X			3	40ml VOA		X									4°C + 1 CH_3OH
			X			1	8oz Jar			X	X	X	X					4°C
	1315		X	C36-5807-004		3	40ml VOA	X										4°C + 1 CH_3OH
			X			3	40ml VOA		X									4°C + 1 CH_3OH
			X			1	8oz Jar			X	X	X	X					4°C

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by: [signature]	06/19/08	1530	Method of Shipment: Fed Ex	
Received by:			Airbill No.: 8634 7968 3710	
Relinquished by:			Lab Address: Shane Anderson, APPL Labs, 4203 W. Smith Ave, Fresno CA 93722, (559) 275 2175	
Received for Laboratory by: [signature]	06/20/08	1620		

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CHAIN OF CUSTODY RECORD

Project Name: Cannon AFB CMI 2008

Project No.: 16170215

Project Location: Clovis NM

Project Manager: J. Voelker

Sampler(s): G. Joyce / S. Wrighton

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOCs 8260B	TPH-GRO-8015B	SVOC-8270D	TPH DRO 8015B	TAL metals 6010B/7470	PESTICIDES 8081A/8082				Remarks
06/18/08	1330		X	C36-SB07-18	Soil	3		X									4°C + 1 CH_3OH
↓	↓		X	↓		3			X								4°C + 1 CH_3OH
↓	↓		X	↓	↓	1				X	X	X	X				4°C

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by: [signature]	06/19/08	1536	Method of Shipment: Fedex	
Received by:			Airbill No.: 8634 7988 3710	
Relinquished by:			Lab Address: Diane Anderson, APPL Labs, 4203 W. Swift Ave, Fresno CA 93722, (559) 277-2275	
Received for Laboratory by: [signature]	6/21/08	1620		

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CHAIN OF CUSTODY RECORD

Project Name: Cannon AFB CMS 2008

Project No.: 16170215

Project Location: Cannon AFB NM

Project Manager: J. Welker

Sampler(s): G. Joyce / Wrightson

Analytical Parameters

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOCs 8260B	TPH GRO 8015B	SVOC 8270B	TPH - DRO 8015B	TAL Metals 6010B/7470A	PCB/PCB 8081A/8082					Remarks
06/18/08	1600		X	C26-SB07-06 ✓	Soil	3	40ml VOA	X										4°C + 1 + methanol
			X			3	40ml VOA		X									4°C + 1 methanol
			X			1	8oz JAR			X	X	X	X					4°C
	1620		X	C26-SB07-12 ✓		3	40ml VOA	X										4°C + 1 methanol
			X			3	40ml VOA		X									4°C + 1 methanol
			X			1	8oz JAR			X	X	X	X					4°C
06/18/08	1635		X	C26-SB04-08 ✓	Soil	3	40ml VOA	X										4°C + 1 methanol
			X			3	40ml VOA		X									4°C + 1 methanol
			X			1	8oz JAR			X	X	X	X					4°C
	1650		X	C26-SB04-13 ✓		3	40ml VOA	X										4°C + 1 methanol
			X			3	40ml VOA		X									4°C + 1 methanol
			X			1	8oz JAR			X	X	X	X					4°C

20

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by: Gregory Joyce	06/18/08	1720	Method of Shipment: Fedex	
Received by:			Airbill No.: 8634 7788 3709	
Relinquished by:			Lab Address: Appl Labs, Diane Anderson, 4203 W Swift Ave., Fresno CA. 93722, (559) 275-2175	
Received for Laboratory by:	06/21/08	1620		

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CHAIN OF CUSTODY RECORD

Page ____ of ____

Project Name: Cannon AFB CMI 2008

Project No.: 16170215

Project Location: Clovis NM

Project Manager: J. Voelker

Sampler(s): G. Joyce / S. Wrightson

Sample Date	Sample Time	Type Comp.	Type Grab	Sample Identification	Matrix	Containers No.	Containers Type	VOC 8260B	TPH-GRO 8015B	SVOC 8270D	TPH DRO 8015B	Metals 6010B/7471A	Pesticides 8081B					Remarks
6-19-08	0800		X	C36 SB01-05	Soil	3	40 ml VOA	X										4°C + 1 CH3OH
↓	↓		X	↓	Soil	3	40 ml VOA		X									4°C + 1 CH3OH
↓	↓		X	↓	Soil	1	8oz jar			X	X	X	X					4°C

Analytical Parameters

Signatures	Date	Time	Shipping Details	Special Instructions
Relinquished by: [signature]	6/19/08	1506	Method of Shipment: Fedex	
Received by:			Airbill No.: 8634-7988 3710	
Relinquished by:			Lab Address: Dave Anderson, APPL Labs, 4203 W Swift Ave, Fresno CA 93722, 559 275-2175	
Received for Laboratory by: [signature]	6/20/08	1420		

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SAFETY COMPLIANCE AGREEMENT AND
DOCUMENTATION OF SITE SAFETY BRIEFING

DATE 06/18/08 TIME 0800

SITE LOCATION Cannon AFB, NM PROJECT NUMBER 16170215.00200

SITE SAFETY OFFICER G. Joyce PROJECT MANAGER J. Voelker

TOPICS COVERED DURING BRIEFING:

✓ EXTENT AND CONCENTRATION OF CHEMICAL HAZARDS ON SITE None, Gravel, Petroleum
✓ HEALTH EFFECTS OF CHEMICALS HAZARDS Flamable (Petroleum)
✓ PHYSICAL HAZARDS ON SITE Traffic, Heat.
✓ LEVELS OF PROTECTION REQUIRED PPE Level D, Sunscreen.
✓ LOCATION OF EMERGENCY EQUIPMENT(FIRST AID, FIRE FIGHTING EQUIPMENT...) Grey Truck.
__ VERICATION THAT HEALTH AND SAFETY PLAN HAS BEEN RECEIVED AND READ
✓ MONITORING PROCEDURES Headspace, Heat stress.
__ ACTION LEVELS
✓ DECONTAMINATION PROCEDURES wet decon on Augers, sampling equipment
✓ LOCATION OF EMERGENCY NUMBERS H+S logbook
✓ ROUTE TO THE HOSPITAL

I, the undersigned, have received a copy of the safety plan for the referenced project. I have read the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. In addition I have been verbally briefed on the topics noted above.

ATTENDEES:

NAME	COMPANY	DOCUMENTION (SSO MUST SEE VERIFICATION BEFORE INITIALLING COLUMN) 40 HR	FIT	MEDICAL
1.(print) George Joyce (signature) George Joyce		X	X	X
2.(print) Roy Wedell (signature) Roy Wedell		X	X	X
3.(print) Ryan Brooks (signature) Ryan Brooks		X	X	X
Sean. Relfo		X		

SAFETY COMPLIANCE AGREEMENT AND DOCUMENTION OF SITE SAFETY BRIEFING - Page 2

I, the undersigned, have received a copy of the safety plan for the referenced project. I have read the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. In addition I have been verbally briefed on the topics noted above.

DOCUMENTION (SSO MUST SEE VERIFICATION BEFORE INITIALLING COLUMN)

ATTENDEES:

NAME	COMPANY	40 HR	FIT	MEDICAL
4.(print) Ruben Navarro	Petersen Drilling	X	X	X
(signature) Ruben Navarro				
5.(print) David Ligeina		X	X	X
(signature)				
6.(print) Charles Johnson		X	X	X
(signature) Charles Johnson				
7.(print) James Gourley		X	X	X
(signature)				
8.(print) Skip Wrightson	URS	X		X
(signature)	URS			
9.(print) Gerald M. Peltrey		X		
(signature) Gerald M. Peltrey				
10.(print)				
(signature)				
11.(print)				
(signature)				
12.(print)				
(signature)				

Daily Safety Task Analysis

JOB/TASK: Cannon AFB CMI 2008

DATE: 06/19/08

Work Area: C26 - AOC 36

Permits(s) Required and attached: ☐ YES ☒ NO

Major Steps of Task:	Recognized/Unanticipated Hazards:	Safe Plan:	Tools *Required* to do the job safely:
Working in tight areas.	Machinery + People working in close proximity.	Stay out of the work area as much as possible, communicate with equipment operator when entering area.	Safety Vests, White Hard hats, High visibility

Other Items discussed during the Safety Briefing:
Weather, chance of storms today

Adjacent Work/Processes and/or co-occupancy ☐ Yes ☒ No ☐ Other workers adjacent, above, below
☐ Notified them of our presence ☐ Coordinated with adjacent work supervisor/customer operator ☐ Can work safely

TEAM MEMBERS SIGNATURES

George Joyce

The signature of the Supervisor certifies the completion of the Hazard Assessment and Safe Plan of Action by the crew.

Supervisor's Signature: George Joyce Date 06/19/08

Instructions: 1. Write the name of the job or task in the space provided. 2. Conduct a walk-through survey of work area. 3. Write the steps of the task in a safe sequence. 4. List all possible hazards involved in each step as well as reaction to failure. 5. In the Safe Plan column, provide the corrective actions that will be taken to keep the hazard from becoming an accident or injury. 6. In Tools column list tools needed to do the job, additional safety equipment, etc. 7. Have each team member that helped develop and will use this STA sign in the spaces provided at the bottom. 8. Review the STA at the end of the task for improvements. (NOTE: THE WORK SHALL STOP IF CONDITIONS CHANGE, JOB CHANGES, OR DEFICIENCY IN PLAN IS NOTED.)

Safe Plan of Action Checklist (Check the items that apply)

Permits/Clearances	
☒	Utility Clearance Obtained
☐	Confined Space
☐	Critical Lift
☐	Hoisting & Rigging Safety Review
☐	Boom Assembly and Breakdown
☐	Boom Proximity
☐	Concrete Structure Penetration
☒	Soil Excavation
☐	Pneumatic Test
☐	Hot Work
☐	Scaffolding Erection Plan
☐	Steel Erection/Decking/Flooring/ Grating Checklist
☐	Request for Shutdown
☐	Electrically Hazardous Work
☐	Radiation Work Permit for Visitors
Required PPE	
☒	Hard Hat
☒	Ear Plugs/Ear Muffs
Eye Protection	
☒	Safety Glasses
☐	Face Shield
☐	Chemical Goggles
☐	Welding Hood
Hand Protection	
☒	Cut Resistant Gloves
☐	Welders Gloves
☒	Nitrile Gloves
☐	Surgical Gloves
☐	Rubber Gloves
☐	Electrical Insulated Gloves
☐	Arm Sleeves
Foot Protection	
☒	Safety Toe Boots
☐	Rubber Boots
☐	Rubber Boot Covers
☐	Dielectric Footware
Respiratory Protection	
☐	Dust Mask (NIOSH)
☐	Air Purifying Respirator
☐	Supplied Air Respirator
☐	SCBA
☐	Emergency Escape Respirator
Special Clothing	
☐	Tyvek®
☐	Poly Coated Tyvek®
☐	NOMEX®
☐	Rain Suit
Fall Protection	
☐	Harness
☐	Double Lanyard Required
☐	Anchorage Point Available

Hazards		Safe Plan	
☒	Overhead Utilities	☐ Power de-energization required ☐ Required clearance distance = _____ ft.	☐ Insulation blankets required ☐ Wire watcher required ☒ Safe work zone marked
☐	Crane or other Lifting Equipment	☐ Signalman assigned ☐ Tag lines in use ☐ Lifting equipment inspected	☐ Area around crane barricaded ☐ Personnel protected from overhead load
☒	Underground Utilities	☐ Reviewed as-builts ☐ Required clearance distance = _____ ft.	☐ Subsurface surveys ☐ Received dig permit ☐ Safe work zone marked
☐	Electrical	☐ Lock Out/Tag Out/Try Out? ☐ Reviewed electrical safety procedures	☐ Permit required ☐ Confirm that equipment is de-energized ☐ Additional info below
☐	Excavations	☐ Permits ☐ Inspected prior to entering ☐ Barricades provided ☐ Access/egress provided	☐ Proper sloping/shoring ☐ Protection from accumulated water
☒	Fire Hazard	☐ Permit ☒ Fire Extinguishers ☒ Unnecessary flammable material removed	☐ Fire watch ☐ Adjacent area protected ☐ Additional info below
☒	Vehicular Traffic or Heavy Equipment	☐ Traffic Barricades ☒ Cones ☐ Signs ☒ Communication with equipment operator	☐ Flagmen ☐ Lane closure ☐ Additional information below
☒	Noise > 85 dB	Hearing protection is required: ☒ Ear plugs ☒ Ear muffs	☒ Both ☐ Additional info below
☒	Hand & Power Tools:	☒ Inspect general condition ☐ GFCI in use ☐ Reviewed safety requirements in operators manual(s)	☐ Identified PEP required for each tool ☐ Guarding OK ☐ Additional info below
☐	Hand Hazards	☐ List sharp tools, material, equipment ☐ PPE gloves, etc. ☐ Protected sharp edges as necessary	☐ Additional info below
☒	Manual Lifting	☒ Reviewed proper lifting tech. ☐ Hand protection required ☐ Back support belts	☐ Identified material requiring lifting equipment ☐ Additional information below
☐	Ladders	☐ Inspect general condition before use ☐ Ladder tied off ☐ Proper angle and placement	☐ Ladder inspected within last quarter ☐ Reviewed ladder safety
☐	Scaffolds	☒ Inspect general condition before use ☐ Toe boards used ☐ Footings adequate	☐ Tags in place ☐ Properly secured ☐ Materials properly stored on scaffold
☒	Slips, Trips, Falls	☒ Inspect for trip hazards ☐ Hazards marked ☐ Extension cords properly secured ☒ Work zone free of debris	☒ Tools & material properly stored ☐ Additional information below
☒	Pinch Points	List potential pinch points: DF Rig ☐ Working near operating equipment ☒ Hand/Body positioning	☐ Additional Information below
☐	Working w/Chemicals	☐ The task creates potential for direct contact with hazardous chemicals. ☐ Reviewed MSDS hazards and precautions ☐ Have identified proper PPE (respirators, clothing, gloves, etc.	☐ Have proper containers and labels
☒	Heat Stress Potential	☒ Heat stress monitoring (>85° F; 29.4° C) ☒ Liquids available ☒ Sun Screen ☒ Reviewed Heat Stress symptoms	☒ Cool down periods ☐ Additional info below
☐	Cold Stress Potential	☐ Proper clothing (i.e., gloves, coat, coveralls) ☐ Reviewed Cold Stress symptoms ☐ Warm up periods	☐ Wind chill (<32° F; 0° C) ☐ Additional information below
☐	Environmental	☐ Air emissions ☐ Water discharge ☐ Pollution prevention	☐ Hazardous wastes ☐ Other wastes ☐ Waste minimization
☒	Natural or Site Hazards	☒ Weather ☐ Terrain Heat ☐ Animals/reptiles/insects hazards	☐ Adjacent operations or processes ☐ Biological hazards
☐	Overhead Work	☐ Caution barricade tape required ☐ Rigid railing required ☐ Covers over opening	☐ Danger barricade tape required ☐ Warming signs required

Additional Information

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DAILY QUALITY CONTROL REPORT

Date: 06/16/2008

Day	S	M	T	W	TH	F	S
		(M)					

On Site Hours	10
Travel Time	
Office Time	

AFCEE COR	Christine Rojko
Contract No.	F41624-03-D-8679
Delivery Order No.	79
URS Project Manager	Jeffrey Voelker
URS Project No.	16170215

Weather	Bright Sun	Clear	Overcast	Rain	Snow
	X				

Temp	Min.	Max.
	63	97

Wind	Still	Moderate	High	**Report No.**
		X		1

Humidity	Dry	Moderate	Humid
	X		

1. List of Subcontractors:

Subcontractor	Number of Personnel	Location/Area of Work
URS Employees:		ST-26 (SWMU 48a)
George Joyce		AOC 36
Jeff Voelker		
Skip Wrightson		
Cannon RPM Jerry Pelfrey	1	Utility locate Initial H+S meeting Prep for Investigation
Peterson Employees:		
Charles Johnson		
Ruben Navarro		
Roy Wedell		

2. List of Equipment

Equipment	Date Arrived/Departed	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Trimble / GeoXH	06/16/08	Daily Quality Check	3	3	0
MiniRAE 2000	06/16/08	Daily Calibration	0	0	

3. Description of Work Completed

Contractor	Location	Description of Work Completed
URS George Joyce	Cannon AFB	Site overview, Mark + ID Boring locations Move trailers from drilling locations.
URS		
URS		

4. Control Activities

Control Activity	Phase of Inspection	Results

5. Tests Completed As Required By Plans/Specifications

6. Materials Received

7. Submittals Reviewed

Submittal No.	Spec/Plan Reference	By Whom	Action

8. Offsite Surveillance Activities, including action taken

Pick up Rental Car

9. Job Safety (Report violations, corrective instructions given, corrective action taken)

Other Remarks

Inspector's Signature: As the Contractor's Authorized Representative, I certify this report is complete and correct, and all materials and equipment unused and work completed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Authorized Representative

06/16/08
Date

URS

DAILY QUALITY CONTROL REPORT

Date: 06/17/08

Day	S	M	T	W	TH	F	S
			X				

On Site Hours	9
Travel Time	
Office Time	

AFCEE COR	Christine Rojko
Contract No.	F41624-03-D-8679
Delivery Order No.	79
URS Project Manager	Jeffrey Voelker
URS Project No.	16170215

Weather	Bright Sun X	Clear	Overcast	Rain	Snow
Temp	Min. 65		Max. 98		
Wind	Still	Moderate X	High	**Report No.** 2	
Humidity	Dry X	Moderate	Humid		

1. List of Subcontractors:

Subcontractor	Number of Personnel	Location/Area of Work
URS Employees:		ST-26 (SWMU 48a)
George Joyce	1	AOC 36
Jeff Voelker		
Skip Wrightson	1	
Peterson Employees:		
Charles Johnson		
Ruben Navarro		
Roy Wedell		

2. List of Equipment

Equipment	Date Arrived/Departed	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Trimble / GeoXH	06/16/08	Daily Quality Check			
MiniRAE 2000	06/16/08	Daily Calibration			

3. Description of Work Completed

Contractor	Location	Description of Work Completed
URS	ST-26, AOC 36 ~~ST-~~	Used gps to locate proposed borings marked + ID each location.
URS	Fed Ex, Hospital	Locate Fed Ex office + Hospital
URS	Office.	Prep COC's, SCFS, Labels, Equipment for tomorrow.

4. Control Activities

Control Activity	Phase of Inspection	Results

5. Tests Completed As Required By Plans/Specifications

6. Materials Received

7. Submittals Reviewed

Submittal No.	Spec/Plan Reference	By Whom	Action

8. Offsite Surveillance Activities, including action taken

9. Job Safety (Report violations, corrective instructions given, corrective action taken)

Hot, Crew hydrated.

Other Remarks

Inspector's Signature: As the Contractor's Authorized Representative, I certify this report is complete and correct, and all materials and equipment unused and work completed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

George Joyce

Authorized Representative

06/17/08

Date

DAILY QUALITY CONTROL REPORT

Date: 06/18/08

Day	S	M	T	W	TH	F	S
				X			

On Site Hours	11.5
Travel Time	–
Office Time	–

AFCEE COR	Christine Rojko
Contract No.	F41624-03-D-8679
Delivery Order No.	79
URS Project Manager	Jeffrey Voelker
URS Project No.	16170215

Weather	Bright Sun	Clear	Overcast	Rain	Snow
	X				

Temp	Min.	Max.
	72 °F	104 °F

Wind	Still	Moderate	High	Report No.
		X		

Humidity	Dry	Moderate	Humid	
	X			3

1. List of Subcontractors:

Subcontractor	Number of Personnel	Location/Area of Work
URS Employees:		ST-26 (SWMU 48a)
George Joyce	1 (2)	AOC 36
~~Jeff Voelker~~		
Skip Wrightson	1	
Peterson Employees:		
Charles Johnson, R. Brooks	(6)	
Ruben Navarro, C. Johnson		
Roy Wedell D. Tigerina		

2. List of Equipment

Equipment	Date Arrived/Departed	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Trimble / GeoXH	06/16/08	Daily Quality Check	11.0	–	–
MiniRAE 2000	06/16/08	Daily Calibration	11.0	–	–

3. Description of Work Completed

Contractor	Location	Description of Work Completed
URS	C-26 Borings 1-7	Begin Drilling, Logging, Sampling
URS		
URS		

DAILY QUALITY CONTROL REPORT

Date: 06/19/08

Day	S	M	T	W	TH	F	S
					X		

On Site Hours	10.5
Travel Time	
Office Time	1.0

AFCEE COR	Christine Rojko
Contract No.	F41624-03-D-8679
Delivery Order No.	79
URS Project Manager	Jeffrey Voelker
URS Project No.	16170215

Weather	Bright Sun	Clear	Overcast	Rain	Snow
	X	X			

Temp	Min.	Max.
	75 °F	102 °F

Wind	Still	Moderate	High	**Report No.**
		X		4

Humidity	Dry	Moderate	Humid
	X		

1. List of Subcontractors:

Subcontractor	Number of Personnel	Location/Area of Work
URS Employees: George Joyce X Jeff Voelker Skip Wrightson X Peterson Employees: Charles Johnson X Ruben Navarro X Roy Wedell X	2 3	ST-26 (SWMU 48a) AOC 36

2. List of Equipment

Equipment	Date Arrived/Departed	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Trimble / GeoXH X	06/16/08	Daily Quality Check	10.5	—	—
MiniRAE 2000	06/16/08	Daily Calibration	10.5	—	—

3. Description of Work Completed

Contractor	Location	Description of Work Completed
URS	C-26 Redrill SB01 AOC-36 Borings 1-7	Drill and collect soil samples,
URS		
URS		

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June 2008 VISUAL INSPECTION PHOTOGRAPHIC LOG

Site ST-26 (SWMU 48A) and AOC 36 Cannon Air Force Base, New Mexico	AFCEE	Contract No. FA8903-04-D-8679 Task Order 0079

Photo No. 01	Date: 18-June-08
Description: Peterson Drilling and Testing's (drilling subcontractor) mobile B-58 drill rig.	

Photo No. 02	Date: 18-June-08
Description: Peterson Drilling and Testing's support trailer.	

Photo No. 03	Date: 18-Jun-08
Description: Peterson Drilling and Testing's Geoprobe 6610.	

Photo No. 04	Date: 18-Jun-08
Description: Portable/disposable decontamination pad.	

Photo No. 05	Date: 18-Jun-08
Description: Site ST-26 (SWMU 48A).	

Photo No. 06	Date: 18-Jun-08
Description: Finished boring at Site ST-26 (SWMU 48A).	

Photo No. 07	Date: 18-Jun-08

Description:

The IDW drum.

Photo No. 08	Date: 18-Jun-08

Description:

The IDW drum (center of picture) in the secure holding area.

SUMMARY OF SOIL ANALYTICAL DATA FROM SITE ST-26 (SWMU 48A)
CANNON AFB, NEW MEXICO

SITE ID				CAC-SB01-01				CAC-SB01-07				CAC-SB02-00				CAC-SB02-10				CAC-SB03-00				CAC-SB03-01				CAC-SB06-00				CAC-SB06-13				CAC-SB05-02				CAC-SB05-10				CAC-SB06-00				CAC-SB06-06				CAC-SB06-16				CAC-SB07-00				CAC-SB07-12			
DATE COLLECTED				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008				June 16, 2008			
	Minimum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
SEMI-VOLATILE ORGANIC COMPOUNDS (ug/kg)																																																															
1,1-Dichloroethane	ND	0/14	-	5.50E-02	5.60E-03	U	-	5.50E-02	5.90E-03	U	-	5.60E-02	5.60E-03	U	-	5.50E-02	5.50E-03	U	-	6.90E-02	5.50E-03	U	-	5.60E-02	5.70E-03	U	-	5.60E-02	5.60E-03	U	-	5.70E-02	5.60E-03	U	-	5.60E-02	5.60E-03	U	-	5.60E-02	5.70E-03	U	-	5.60E-02	5.60E-03	U	-	5.60E-02	5.60E-03	U	-	5.60E-02	5.70E-03	U	-	5.60E-02	5.60E-03	U	-	5.60E-02	5.60E-03	U
1,1,2,2-Tetrachloroethane	ND	0/14	-	1.40E-03	5.60E-03	U	-	1.50E-03	5.90E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.50E-03	U	-	1.40E-03	5.50E-03	U	-	1.40E-03	5.70E-03	U	-	1.40E-03	5.60E-03	U	-	1.50E-03	5.60E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.70E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.70E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.60E-03	U
1,1,2-Trichloroethane	ND	0/14	-	9.50E-04	5.60E-03	U	-	9.70E-04	5.90E-03	U	-	9.60E-04	5.60E-03	U	-	9.50E-04	5.50E-03	U	-	9.50E-04	5.50E-03	U	-	9.60E-04	5.70E-03	U	-	9.60E-04	5.60E-03	U	-	9.60E-04	5.60E-03	U	-	9.50E-04	5.60E-03	U	-	9.50E-04	5.70E-03	U	-	9.50E-04	5.60E-03	U	-	9.50E-04	5.60E-03	U	-	9.50E-04	5.70E-03	U	-	9.50E-04	5.60E-03	U	-	9.50E-04	5.60E-03	U
1,1,2-Trichlorotrifluoroethane	ND	0/14	-	5.50E-02	5.60E-03	U	-	5.60E-02	5.90E-03	U	-	5.60E-02	5.60E-03	U	-	5.50E-02	5.50E-03	U	-	5.50E-02	5.50E-03	U	-	5.60E-02	5.70E-03	U	-	5.60E-02	5.60E-03	U	-	5.50E-02	5.60E-03	U	-	5.60E-02	5.60E-03	U	-	5.60E-02	5.70E-03	U	-	5.60E-02	5.60E-03	U	-	5.60E-02	5.60E-03	U	-	5.60E-02	5.70E-03	U	-	5.60E-02	5.60E-03	U	-	5.60E-02	5.60E-03	U
1,1-Dichloroethane	ND	0/14	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.90E-03	U	-	8.00E-04	5.60E-03	U	-	8.70E-04	5.50E-03	U	-	8.00E-04	5.50E-03	U	-	9.60E-04	5.70E-03	U	-	9.60E-04	5.60E-03	U	-	8.50E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.70E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U	-	9.60E-04	5.70E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U
1,1-Dichloroethene	ND	0/14	-	2.40E-03	8.10E-03	U	-	2.60E-03	8.20E-03	U	-	2.50E-03	7.90E-03	U	-	2.40E-03	7.80E-03	U	-	2.40E-03	7.70E-03	U	-	2.50E-03	8.00E-03	U	-	2.50E-03	7.90E-03	U	-	2.60E-03	7.50E-03	U	-	2.40E-03	7.80E-03	U	-	2.50E-03	8.00E-03	U	-	2.50E-03	8.00E-03	U	-	2.50E-03	8.00E-03	U	-	2.50E-03	8.00E-03	U	-	2.40E-03	7.80E-03	U	-	2.40E-03	7.80E-03	U
1,1-Dichloroethane (Dichloro-Dibromoethl)	ND	0/14	-	7.90E-04	5.60E-03	U	-	7.60E-04	5.90E-03	U	-	8.00E-04	5.60E-03	U	-	7.90E-04	5.50E-03	U	-	8.00E-04	5.50E-03	U	-	8.00E-04	5.70E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.70E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.70E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U
1,2-Dichloroethane	ND	0/14	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.90E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U
1,2-Dichlorobenzene	ND	0/14	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.90E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.50E-03	U	-	8.00E-04	5.50E-03	U	-	8.00E-04	5.70E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.70E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.70E-03	U	-	8.00E-04	5.60E-03	U	-	8.00E-04	5.60E-03	U
1,2-Dichlorobenzene (o,o)	ND	0/14	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.90E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U
1,2-Dichlorobenzene (p,m)	ND	0/14	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.90E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U
1,2-Dichloroethane	ND	0/14	-	7.50E-04	5.60E-03	U	-	7.50E-04	5.90E-03	U	-	7.60E-04	5.60E-03	U	-	7.50E-04	5.50E-03	U	-	7.50E-04	5.50E-03	U	-	7.60E-04	5.70E-03	U	-	7.60E-04	5.60E-03	U	-	7.60E-04	5.60E-03	U	-	7.50E-04	5.60E-03	U	-	7.50E-04	5.70E-03	U	-	7.50E-04	5.60E-03	U	-	7.50E-04	5.60E-03	U	-	7.60E-04	5.70E-03	U	-	7.50E-04	5.60E-03	U	-	7.50E-04	5.60E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0/14	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.90E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U
1,3-Dichlorobenzene	ND	0/14	-	7.70E-04	5.60E-03	U	-	7.70E-04	5.90E-03	U	-	7.80E-04	5.60E-03	U	-	7.70E-04	5.50E-03	U	-	7.70E-04	5.50E-03	U	-	7.80E-04	5.70E-03	U	-	7.80E-04	5.60E-03	U	-	7.80E-04	5.60E-03	U	-	7.70E-04	5.60E-03	U	-	7.70E-04	5.70E-03	U	-	7.70E-04	5.60E-03	U	-	7.70E-04	5.60E-03	U	-	7.80E-04	5.70E-03	U	-	7.70E-04	5.60E-03	U	-	7.70E-04	5.60E-03	U
1,4-Dichlorobenzene	ND	0/14	-	7.40E-04	5.60E-03	U	-	7.60E-04	5.90E-03	U	-	7.60E-04	5.60E-03	U	-	7.40E-04	5.50E-03	U	-	7.60E-04	5.50E-03	U	-	7.60E-04	5.70E-03	U	-	7.60E-04	5.60E-03	U	-	7.60E-04	5.60E-03	U	-	7.40E-04	5.60E-03	U	-	7.60E-04	5.70E-03	U	-	7.60E-04	5.60E-03	U	-	7.60E-04	5.60E-03	U	-	7.60E-04	5.70E-03	U	-	7.40E-04	5.60E-03	U	-	7.40E-04	5.60E-03	U
2-Butanone	ND	0/14	-	1.80E-03	5.60E-03	U	-	1.80E-03	5.90E-03	U	-	1.80E-03	5.60E-03	U	-	1.80E-03	5.50E-03	U	-	1.80E-03	5.50E-03	U	-	1.80E-03	5.70E-03	U	-	1.80E-03	5.60E-03	U	-	1.80E-03	5.60E-03	U	-	1.80E-03	5.60E-03	U	-	1.80E-03	5.70E-03	U	-	1.80E-03	5.60E-03	U	-	1.80E-03	5.60E-03	U	-	1.80E-03	5.70E-03	U	-	1.80E-03	5.60E-03	U	-	1.80E-03	5.60E-03	U
4-Methyl-2-Pentanone	ND	0/14	-	1.00E-03	5.60E-03	U	-	1.10E-03	5.90E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.50E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U
Acetone	ND	0/14	-	2.20E-03	5.60E-03	U	-	2.20E-03	5.90E-03	U	-	2.20E-03	5.60E-03	U	-	2.20E-03	5.50E-03	U	-	2.20E-03	5.50E-03	U	-	2.20E-03	5.70E-03	U	-	2.20E-03	5.60E-03	U	-	2.20E-03	5.60E-03	U	-	2.20E-03	5.60E-03	U	-	2.20E-03	5.70E-03	U	-	2.20E-03	5.60E-03	U	-	2.20E-03	5.60E-03	U	-	2.20E-03	5.70E-03	U	-	2.20E-03	5.60E-03	U	-	2.20E-03	5.60E-03	U
Benzyl Chloride	ND	0/14	-	2.20E-03	2.50E-02	U	-	2.50E-03	2.50E-02	U	-	2.50E-03	2.50E-02	U	-	2.20E-03	2.20E-02	U	-	2.20E-03	2.20E-02	U	-	2.50E-03	2.50E-02	U	-	2.50E-03	2.50E-02	U	-	2.50E-03	2.50E-02	U	-	2.20E-03	2.20E-02	U	-	2.50E-03	2.50E-02	U	-	2.50E-03	2.50E-02	U	-	2.50E-03	2.50E-02	U	-	2.50E-03	2.50E-02	U	-	2.20E-03	2.20E-02	U	-	2.20E-03	2.20E-02	U
Bromodichloromethane	ND	0/14	-	8.10E-04	5.60E-03	U	-	8.10E-04	5.90E-03	U	-	8.20E-04	5.60E-03	U	-	8.10E-04	5.50E-03	U	-	8.10E-04	5.50E-03	U	-	8.20E-04	5.70E-03	U	-	8.20E-04	5.60E-03	U	-	8.20E-04	5.60E-03	U	-	8.10E-04	5.60E-03	U	-	8.20E-04	5.70E-03	U	-	8.20E-04	5.60E-03	U	-	8.20E-04	5.60E-03	U	-	8.20E-04	5.70E-03	U	-	8.10E-04	5.60E-03	U	-	8.10E-04	5.60E-03	U
Bromoform	ND	0/14	-	9.60E-04	5.60E-03	U	-	9.60E-04	5.90E-03	U	-	9.60E-04	5.60E-03	U	-	9.60E-04	5.50E-03	U	-	9.60E-04	5.50E-03	U	-	9.60E-04	5.70E-03	U	-	9.60E-04	5.60E-03	U	-	9.60E-04	5.60E-03	U	-	9.60E-04	5.60E-03	U	-	9.60E-04	5.70E-03	U	-	9.60E-04	5.60E-03	U	-	9.60E-04	5.60E-03	U	-	9.60E-04	5.70E-03	U	-	9.60E-04	5.60E-03	U	-	9.60E-04	5.60E-03	U
Bromomethane	ND	0/14	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.10E-02	U	-	1.80E-03	1.10E-02	U	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.10E-02	U	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.20E-02	U	-	1.80E-03	1.10E-02	U	-	1.80E-03	1.10E-02	U
Carbon Disulfide	ND	0/14	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.90E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U
Carbon Tetrachloride	ND	0/14	-	9.00E-04	5.60E-03	U	-	9.40E-04	5.90E-03	U	-	9.30E-04	5.60E-03	U	-	9.00E-04	5.50E-03	U	-	9.00E-04	5.50E-03	U	-	9.30E-04	5.70E-03	U	-	9.30E-04	5.60E-03	U	-	9.30E-04	5.60E-03	U	-	9.00E-04	5.60E-03	U	-	9.30E-04	5.70E-03	U	-	9.30E-04	5.60E-03	U	-	9.30E-04	5.60E-03	U	-	9.30E-04	5.70E-03	U	-	9.00E-04	5.60E-03	U	-	9.00E-04	5.60E-03	U
Chloroform	ND	0/14	-	7.40E-04	5.60E-03	U	-	7.50E-04	5.90E-03	U	-	7.50E-04	5.60E-03	U	-	7.40E-04	5.50E-03	U	-	7.40E-04	5.50E-03	U	-	7.50E-04	5.70E-03	U	-	7.50E-04	5.60E-03	U	-	7.50E-04	5.60E-03	U	-	7.40E-04	5.60E-03	U	-	7.50E-04	5.70E-03	U	-	7.50E-04	5.60E-03	U	-	7.50E-04	5.60E-03	U	-	7.50E-04	5.70E-03	U	-	7.40E-04	5.60E-03	U	-	7.40E-04	5.60E-03	U
Chloromethane	ND	0/14	-	2.00E-03	8.90E-03	U	-	2.00E-03	8.80E-03	U	-	2.00E-03	8.60E-03	U	-	2.00E-03	8.50E-03	U	-	2.00E-03	8.50E-03	U	-	2.00E-03	8.60E-03	U	-	2.00E-03	8.60E-03	U	-	2.00E-03	8.50E-03	U	-	2.00E-03	8.50E-03	U	-	2.00E-03	8.60E-03	U	-	2.00E-03	8.60E-03	U	-	2.00E-03	8.60E-03	U	-	2.00E-03	8.60E-03	U	-	2.00E-03	8.50E-03	U	-	2.00E-03	8.50E-03	U
Cyclohexane	ND	0/14	-	9.10E-04	5.60E-03	U	-	9.60E-04	5.90E-03	U	-	9.50E-04	5.60E-03	U	-	9.10E-04	5.50E-03	U	-	9.10E-04	5.50E-03	U	-	9.40E-04	5.70E-03	U	-	9.50E-04	5.60E-03	U	-	9.50E-04	5.60E-03	U	-	9.10E-04	5.60E-03	U	-	9.50E-04	5.70E-03	U	-	9.50E-04	5.60E-03	U	-	9.50E-04	5.60E-03	U	-	9.50E-04	5.70E-03	U	-	9.10E-04	5.60E-03	U	-	9.10E-04	5.60E-03	U
Dibromochloromethane	ND	0/14	-	7.70E-04	5.60E-03	U	-	7.80E-04	5.90E-03	U	-	7.80E-04	5.60E-03	U	-	7.70E-04	5.50E-03	U	-	7.70E-04	5.50E-03	U	-	7.80E-04	5.70E-03	U	-	7.80E-04	5.60E-03	U	-	7.80E-04	5.60E-03	U	-	7.70E-04	5.60E-03	U	-	7.80E-04	5.70E-03	U	-	7.80E-04	5.60E-03	U	-	7.80E-04	5.60E-03	U	-	7.80E-04	5.70E-03	U	-	7.70E-04	5.60E-03	U	-	7.70E-04	5.60E-03	U
Dichlorodifluoromethane	ND	0/14	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.90E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U
Dichlorodifluoromethane	ND	0/14	-	7.70E-04	5.60E-03	U	-	7.80E-04	5.90E-03	U	-	7.80E-04	5.60E-03	U	-	7.70E-04	5.50E-03	U	-	7.70E-04	5.50E-03	U	-	7.80E-04	5.70E-03	U	-	7.80E-04	5.60E-03	U	-	7.80E-04	5.60E-03	U	-	7.70E-04	5.60E-03	U	-	7.80E-04	5.70E-03	U	-	7.80E-04	5.60E-03	U	-	7.80E-04	5.60E-03	U	-	7.80E-04	5.70E-03	U	-	7.70E-04	5.60E-03	U	-	7.70E-04	5.60E-03	U
Dichlorodifluoromethane	ND	0/14	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.90E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.50E-03	U	-	9.90E-04	5.50E-03	U	-	9.90E-04	5.70E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.70E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.70E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.60E-03	U
Dichlorodifluoromethane	ND	0/14	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.90E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U
Dichlorodifluoromethane	ND	0/14	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.90E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U
Ethylbenzene	ND	0/14	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.90E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.50E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.70E-03	U	-	1.20E-03	5.60E-03	U	-	1.20E-03	5.60E-03	U
Methylene Chloride	ND	0/14	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.90E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.50E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.70E-03	U	-	1.10E-03	5.60E-03	U	-	1.10E-03	5.60E-03	U
n-Butylbenzene	ND	0/14	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.90E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U
n-Propylbenzene	ND	0/14	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.90E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U
Sec-Butylbenzene	ND	0/14	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.90E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U
Styrene	ND	0/14	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.90E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.50E-03	U	-	9.90E-04	5.50E-03	U	-	9.90E-04	5.70E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.70E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.70E-03	U	-	9.90E-04	5.60E-03	U	-	9.90E-04	5.60E-03	U
Tert-Butylbenzene	ND	0/14	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.90E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U
Tetrachloroethene	ND	0/14	-	9.00E-04	5.60E-03	U	-	9.40E-04	5.90E-03	U	-	9.30E-04	5.60E-03	U	-	9.00E-04	5.50E-03	U	-	9.00E-04	5.50E-03	U	-	9.30E-04	5.70E-03	U	-	9.30E-04	5.60E-03	U	-	9.30E-04	5.60E-03	U	-	9.00E-04	5.60E-03	U	-	9.30E-04	5.70E-03	U	-	9.30E-04	5.60E-03	U	-	9.30E-04	5.60E-03	U	-	9.30E-04	5.70E-03	U	-	9.00E-04	5.60E-03	U	-	9.00E-04	5.60E-03	U
Toluene	ND	0/14	-	1.40E-03	5.60E-03	U	-	1.50E-03	5.90E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.50E-03	U	-	1.40E-03	5.50E-03	U	-	1.40E-03	5.70E-03	U	-	1.40E-03	5.60E-03	U	-	1.50E-03	5.60E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.70E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.70E-03	U	-	1.40E-03	5.60E-03	U	-	1.40E-03	5.60E-03	U
Total Chloride	ND	0/14	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.90E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.50E-03	U	-	1.00E-03	5.70E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5.60E-03	U	-	1.00E-03	5

SUMMARY OF SOIL ANALYTICAL DATA FROM AOC 36
CANNON AFB, NEW MEXICO

FIELD ID			C36-SB01-008				C36-SB01-018				C36-SB02-004				C36-SB02-018				C36-SB03-010				C36-SB03-018			
DATE COLLECTED			June 19, 2008				June 19, 2008				June 19, 2008				June 19, 2008				June 19, 2008				June 19, 2008			
	Maximum	Frequency	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)																										
1,1,1-Trichloroethane	ND	0 / 14	<	9.00E-04	5.50E-03	U	<	9.40E-04	5.50E-03	U	<	8.60E-04	5.30E-03	U	<	8.90E-04	5.50E-03	U	<	8.80E-04	5.40E-03	U	<	8.70E-04	5.40E-03	U
1,1,2,2-Tetrachloroethane	ND	0 / 14	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.50E-03	U	<	1.30E-03	5.30E-03	U	<	1.40E-03	5.50E-03	U	<	1.30E-03	5.40E-03	U	<	1.30E-03	5.40E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0 / 14	<	9.20E-04	5.50E-03	U	<	9.60E-04	5.50E-03	U	<	8.90E-04	5.30E-03	U	<	9.10E-04	5.50E-03	U	<	9.00E-04	5.40E-03	U	<	9.00E-04	5.40E-03	U
1,1,2-Trichloroethane	ND	0 / 14	<	5.30E-04	5.50E-03	U	<	5.50E-04	5.50E-03	U	<	5.10E-04	5.30E-03	U	<	5.30E-04	5.50E-03	U	<	5.20E-04	5.40E-03	U	<	5.20E-04	5.40E-03	U
1,1-Dichloroethane	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.50E-03	U	<	1.20E-03	5.30E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.40E-03	U
1,1-Dichloroethene	ND	0 / 14	<	8.80E-04	5.50E-03	U	<	9.10E-04	5.50E-03	U	<	8.40E-04	5.30E-03	U	<	8.70E-04	5.50E-03	U	<	8.60E-04	5.40E-03	U	<	8.50E-04	5.40E-03	U
1,2,4-Trichlorobenzene	ND	0 / 14	<	5.80E-04	5.50E-03	U	<	6.00E-04	5.50E-03	U	<	5.50E-04	5.30E-03	U	<	5.70E-04	5.50E-03	U	<	5.70E-04	5.40E-03	U	<	5.60E-04	5.40E-03	U
1,2,4-Trimethylbenzene	ND	0 / 14	<	1.30E-03	5.50E-03	U	<	1.40E-03	5.50E-03	U	<	1.30E-03	5.30E-03	U	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.40E-03	U	<	1.30E-03	5.40E-03	U
1,2-Dibromo-3-Chloropropane	ND	0 / 14	<	2.40E-03	7.80E-03	U	<	2.50E-03	7.80E-03	U	<	2.30E-03	7.50E-03	U	<	2.40E-03	7.70E-03	U	<	2.40E-03	7.60E-03	U	<	2.40E-03	7.60E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	ND	0 / 14	<	6.70E-04	5.50E-03	U	<	6.90E-04	5.50E-03	U	<	6.40E-04	5.30E-03	U	<	6.60E-04	5.50E-03	U	<	6.50E-04	5.40E-03	U	<	6.50E-04	5.40E-03	U
1,2-Dichlorobenzene	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.50E-03	U	<	1.00E-03	5.30E-03	U	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.40E-03	U	<	1.00E-03	5.40E-03	U
1,2-Dichloroethane	ND	0 / 14	<	8.00E-04	5.50E-03	U	<	8.30E-04	5.50E-03	U	<	7.70E-04	5.30E-03	U	<	7.90E-04	5.50E-03	U	<	7.80E-04	5.40E-03	U	<	7.80E-04	5.40E-03	U
1,2-Dichloroethene (cis)	ND	0 / 14	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.10E-03	5.30E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.40E-03	U
1,2-Dichloroethene (trans)	ND	0 / 14	<	1.50E-03	5.50E-03	U	<	1.60E-03	5.50E-03	U	<	1.40E-03	5.30E-03	U	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.40E-03	U	<	1.50E-03	5.40E-03	U
1,2-Dichloropropane	ND	0 / 14	<	6.90E-04	5.50E-03	U	<	7.20E-04	5.50E-03	U	<	6.60E-04	5.30E-03	U	<	6.80E-04	5.50E-03	U	<	6.70E-04	5.40E-03	U	<	6.70E-04	5.40E-03	U
1,3,5-Trimethylbenzene (Mesitylene)	ND	0 / 14	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.50E-03	U	<	1.00E-03	5.30E-03	U	<	1.10E-03	5.50E-03	U	<	1.10E-03	5.40E-03	U	<	1.00E-03	5.40E-03	U
1,3-Dichlorobenzene	ND	0 / 14	<	6.70E-04	5.50E-03	U	<	6.90E-04	5.50E-03	U	<	6.40E-04	5.30E-03	U	<	6.60E-04	5.50E-03	U	<	6.50E-04	5.40E-03	U	<	6.50E-04	5.40E-03	U
1,4-Dichlorobenzene	ND	0 / 14	<	7.40E-04	5.50E-03	U	<	7.70E-04	5.50E-03	U	<	7.20E-04	5.30E-03	U	<	7.40E-04	5.50E-03	U	<	7.30E-04	5.40E-03	U	<	7.20E-04	5.40E-03	U
[illegible]																										

FIELD ID	C36-SB04-004				C36-SB04-014				C36-SB05-004				C36-SB05-018				C36-SB06-004				C36-SB06-018				C36-SB07-004				C36-SB07-18			
DATE COLLECTED	June 19, 2008				June 19, 2008				June 19, 2008				June 19, 2008				June 19, 2008				June 19, 2008				June 19, 2008				June 19, 2008			
	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual	Result	MDL	RL	Qual
VOLATILE ORGANIC COMPOUNDS (mg/kg)																																
1,1,1-Trichloroethane	<	8.90E-04	5.50E-03	U	<	8.80E-04	5.40E-03	U	<	8.90E-04	5.50E-03	U	<	9.00E-04	5.50E-03	U	<	9.10E-04	5.60E-03	U	<	9.00E-04	5.50E-03	U	<	8.90E-04	5.50E-03	U	<	9.00E-04	5.60E-03	U
1,1,2,2-Tetrachloroethane	<	1.40E-03	5.50E-03	U	<	1.30E-03	5.40E-03	U	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.60E-03	U	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.50E-03	U	<	1.40E-03	5.60E-03	U
1,1,2-Trichloro-1,2,2-trifluoroethane	<	9.20E-04	5.50E-03	U	<	9.00E-04	5.40E-03	U	<	9.10E-04	5.50E-03	U	<	9.20E-04	5.50E-03	U	<	9.30E-04	5.60E-03	U	<	9.20E-04	5.50E-03	U	<	9.10E-04	5.50E-03	U	<	9.20E-04	5.60E-03	U
1,1,2-Trichloroethane	<	5.30E-04	5.50E-03	U	<	5.20E-04	5.40E-03	U	<	5.30E-04	5.50E-03	U	<	5.30E-04	5.50E-03	U	<	5.40E-04	5.60E-03	U	<	5.30E-04	5.50E-03	U	<	5.30E-04	5.50E-03	U	<	5.30E-04	5.60E-03	U
1,1-Dichloroethane	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U
1,1-Dichloroethene	<	8.70E-04	5.50E-03	U	<	8.50E-04	5.40E-03	U	<	8.70E-04	5.50E-03	U	<	8.70E-04	5.50E-03	U	<	8.90E-04	5.60E-03	U	<	8.70E-04	5.50E-03	U	<	8.70E-04	5.50E-03	U	<	8.80E-04	5.60E-03	U
1,2,4-Trichlorobenzene	<	5.70E-04	5.50E-03	U	<	5.60E-04	5.40E-03	U	<	5.70E-04	5.50E-03	U	<	5.70E-04	5.50E-03	U	<	5.80E-04	5.60E-03	U	<	5.80E-04	5.50E-03	U	<	5.70E-04	5.50E-03	U	<	5.80E-04	5.60E-03	U
1,2,4-Trimethylbenzene	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.40E-03	U	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.50E-03	U	<	1.30E-03	5.60E-03	U
1,2-Dibromo-3-Chloropropane	<	2.40E-03	7.70E-03	U	<	2.40E-03	7.60E-03	U	<	2.40E-03	7.70E-03	U	<	2.40E-03	7.70E-03	U	<	2.50E-03	7.90E-03	U	<	2.40E-03	7.70E-03	U	<	2.40E-03	7.70E-03	U	<	2.40E-03	7.80E-03	U
1,2-Dibromoethane (Ethylene Dibromide)	<	6.60E-04	5.50E-03	U	<	6.50E-04	5.40E-03	U	<	6.60E-04	5.50E-03	U	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U	<	6.60E-04	5.50E-03	U	<	6.60E-04	5.50E-03	U	<	6.70E-04	5.60E-03	U
1,2-Dichlorobenzene	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.40E-03	U	<	1.00E-03	5.50E-03	U	<	1.00E-03	5.50E-03	U	<	1.10E-03	5.60E-03	U	<	1.10E-03	5.50E-03	U	<	1.00E-03	5.50E-03	U	<	1.10E-03	5.60E-03	U
1,2-Dichloroethane	<	7.90E-04	5.50E-03	U	<	7.80E-04	5.40E-03	U	<	7.90E-04	5.50E-03	U	<	8.00E-04	5.50E-03	U	<	8.10E-04	5.60E-03	U	<	8.00E-04	5.50E-03	U	<	7.90E-04	5.50E-03	U	<	8.00E-04	5.60E-03	U
1,2-Dichloroethene (cis)	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.40E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.50E-03	U	<	1.20E-03	5.60E-03	U
1,2-Dichloroethene (trans)	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.40E-03	U	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.60E-03	U	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.50E-03	U	<	1.50E-03	5.60E-03	U
1,2-Dichloropropane	<	6.80E-04	5.50E-03	U	<	6.70E-04	5.40E-03	U	<	6.80E-04	5.50E-03	U	<	6.90E-04	5.50E-03	U	<	7.00E-04	5.60E-03	U	<	6.90E-04	5.50E-03	U	<	6.80E-04	5.50E-03	U	<	6.90E-04	5.60E-03	U
[illegible]																																

METALS (mg/kg)	Maximum	Frequency	C36-SB01-008 Result	MDL	RL	Qual	C36-SB01-018 Result	MDL	RL	Qual	C36-SB02-004 Result	MDL	RL	Qual	C36-SB02-018 Result	MDL	RL	Qual	C36-SB03-010 Result	MDL	RL	Qual
Aluminum	1.28E+04	14 / 14	8.76E+03	2.00E+01	2.66E+02		8.46E+03	2.00E+01	2.66E+02		1.07E+04	2.00E+01	2.56E+02		8.20E+03	2.00E+01	2.64E+02		9.90E+03	2.00E+01	2.61E+02	
Antimony	3.70E-01 F	1 / 14	<	1.00E-01	8.00E-01	U	3.70E-01	1.00E-01	8.00E-01	F	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	2.70E+00	13 / 14	1.30E-01	9.00E-02	7.00E-01	F	9.30E-01	9.00E-02	7.00E-01		1.10E+00	9.00E-02	6.00E-01		2.80E-01	9.00E-02	7.00E-01	F	6.50E-01	9.00E-02	7.00E-01	F
Barium	1.07E+03	14 / 14	1.91E+02	5.00E-02	6.00E-01	J	1.01E+02	5.00E-02	6.00E-01		5.04E+02	1.00E+00	1.10E+01		5.26E+01	5.00E-02	6.00E-01		8.54E+01	5.00E-02	5.00E-01	
Beryllium	6.50E-01	14 / 14	3.20E-01	4.00E-02	2.00E-01		4.30E-01	4.00E-02	2.00E-01		3.50E-01	4.00E-02	2.00E-01		4.00E-01	4.00E-02	2.00E-01		3.80E-01	4.00E-02	2.00E-01	
Cadmium	ND	0 / 14	<	3.00E-02	6.00E-01	UJ	<	3.00E-02	6.00E-01	U	<	3.00E-02	5.00E-01	U	<	3.00E-02	6.00E-01	U	<	3.00E-02	5.00E-01	U
Calcium	1.91E+05	14 / 14	1.25E+05	1.60E+01	2.22E+02		7.31E+04	1.60E+01	2.22E+02		1.10E+05	1.60E+01	2.13E+02		8.51E+04	1.60E+01	2.20E+02		9.09E+04	1.60E+01	2.17E+02	
Chromium	9.90E+00	14 / 14	6.80E+00	3.00E-02	6.00E-01		6.90E+00	3.00E-02	6.00E-01		8.20E+00	3.00E-02	5.00E-01		6.40E+00	3.00E-02	6.00E-01		7.90E+00	3.00E-02	5.00E-01	
Cobalt	2.70E+00	14 / 14	1.90E+00	5.00E-02	6.00E-01	J	2.20E+00	5.00E-02	6.00E-01		1.80E+00	5.00E-02	5.00E-01		1.90E+00	5.00E-02	6.00E-01		2.40E+00	5.00E-02	5.00E-01	
Copper	4.70E+00	14 / 14	1.90E+00	9.00E-02	6.00E-01		1.60E+00	9.00E-02	6.00E-01		4.70E+00	9.00E-02	5.00E-01		2.20E+00	9.00E-02	6.00E-01		2.40E+00	9.00E-02	5.00E-01	
Iron	1.02E+04	14 / 14	7.77E+03	1.40E+01	1.11E+02		7.56E+03	1.40E+01	1.11E+02		9.31E+03	1.40E+01	1.07E+02		7.52E+03	1.40E+01	1.10E+02		9.13E+03	1.40E+01	1.09E+02	
Lead	6.19E+01	14 / 14	3.70E+00	9.00E-02	5.50E+00	J	4.40E+00	9.00E-02	5.50E+00	F	6.19E+01	9.00E-02	5.30E+00		4.70E+00	9.00E-02	5.50E+00	F	4.80E+00	9.00E-02	5.40E+00	F
Magnesium	5.75E+03	14 / 14	3.24E+03	7.40E-01	8.90E+00		3.78E+03	7.40E-01	8.90E+00		2.81E+03	7.40E-01	8.50E+00		3.77E+03	7.40E-01	8.80E+00		3.35E+03	7.40E-01	8.70E+00	
Manganese	1.24E+02	14 / 14	7.05E+01	1.30E-01	6.00E-01		7.14E+01	1.30E-01	6.00E-01		8.20E+01	1.30E-01	5.00E-01		7.41E+01	1.30E-01	6.00E-01		1.00E+02	1.30E-01	5.00E-01	
Mercury	1.80E-02 J	7 / 14	1.80E-02	1.00E-02	1.00E-01	J	<	1.00E-02	1.00E-01	U	1.80E-02	1.00E-02	1.00E-01	F	1.00E-02	1.00E-02	1.00E-01		1.30E-02	1.00E-02	1.00E-01	F
Nickel	8.00E+00	14 / 14	6.10E+00	7.00E-02	6.00E-01	J	5.50E+00	7.00E-02	6.00E-01		6.60E+00	7.00E-02	5.00E-01		5.30E+00	7.00E-02	6.00E-01		6.80E+00	7.00E-02	5.00E-01	
Potassium	3.29E+03	14 / 14	1.83E+03	1.39E+01	1.11E+02	J	2.17E+03	1.39E+01	1.11E+02		1.75E+03	1.39E+01	1.07E+02		2.04E+03	1.39E+01	1.10E+02		1.99E+03	1.39E+01	1.09E+02	
Selenium	ND	0 / 14	<	2.40E-01	9.00E-01	UJ	<	2.40E-01	9.00E-01	U	<	2.40E-01	8.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	ND	0 / 14	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	2.44E+02	12 / 14	8.00E+01	7.36E+00	1.11E+02	F	2.05E+02	7.36E+00	1.11E+02		5.03E+01	7.36E+00	1.07E+02	F	5.77E+01	7.36E+00	1.10E+02	F	4.40E+01	7.36E+00	1.09E+02	F
Thallium	ND	0 / 14	<	2.10E-01	2.20E+00	UJ	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.10E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U
Vanadium	2.00E+01	14 / 14	1.79E+01	6.00E-02	6.00E-01		1.50E+01	6.00E-02	6.00E-01		1.84E+01	6.00E-02	5.00E-01		1.39E+01	6.00E-02	6.00E-01		2.00E+01	6.00E-02	5.00E-01	
Zinc	2.90E+01	14 / 14	9.70E+00	1.15E+00	5.50E+00	J	1.13E+01	1.15E+00	5.50E+00		2.90E+01	1.15E+00	5.30E+00		1.06E+01	1.15E+00	5.50E+00		1.17E+01	1.15E+00	5.40E+00	

METALS (mg/kg)	C36-SB03-018 Result	MDL	RL	Qual	C36-SB04-004 Result	MDL	RL	Qual	C36-SB04-014 Result	MDL	RL	Qual	C36-SB05-004 Result	MDL	RL	Qual	C36-SB05-018 Result	MDL	RL	Qual
Aluminum	9.17E+03	2.00E+01	2.59E+02		7.87E+03	5.10E+00	6.60E+01		9.50E+03	1.00E+01	1.30E+02		8.38E+03	2.00E+01	2.63E+02		8.72E+03	1.00E+01	1.33E+02	
Antimony	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	1.10E+00	9.00E-02	7.00E-01		<	9.00E-02	7.00E-01	U	1.20E+00	9.00E-02	7.00E-01		1.10E+00	9.00E-02	7.00E-01		1.40E+00	9.00E-02	7.00E-01	
Barium	8.11E+01	5.00E-02	5.00E-01		3.33E+02	2.50E-01	2.80E+00		9.53E+01	5.00E-02	5.00E-01		1.07E+03	5.00E-02	1.10E+01		7.20E+01	5.00E-02	6.00E-01	
Beryllium	3.30E-01	4.00E-02	2.00E-01		3.00E-01	4.00E-02	2.00E-01		4.70E-01	4.00E-02	2.00E-01		3.50E-01	4.00E-02	2.00E-01		4.30E-01	4.00E-02	2.00E-01	
Cadmium	<	3.00E-02	5.00E-01	U	<	3.00E-02	6.00E-01	U	<	3.00E-02	5.00E-01	U	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U
Calcium	9.44E+04	1.60E+01	2.16E+02		1.75E+05	3.30E+01	4.42E+02		5.13E+04	8.20E+00	1.08E+02		9.72E+04	1.60E+01	2.19E+02		5.33E+04	8.20E+00	1.10E+02	
Chromium	7.60E+00	3.00E-02	5.00E-01		5.80E+00	3.00E-02	6.00E-01		8.20E+00	3.00E-02	5.00E-01		7.00E+00	3.00E-02	6.00E-01		7.60E+00	3.00E-02	6.00E-01	
Cobalt	2.20E+00	5.00E-02	5.00E-01		1.40E+00	5.00E-02	6.00E-01		2.60E+00	5.00E-02	5.00E-01		1.30E+00	5.00E-02	6.00E-01		2.30E+00	5.00E-02	6.00E-01	
Copper	2.00E+00	9.00E-02	5.00E-01		2.60E+00	9.00E-02	6.00E-01		2.40E+00	9.00E-02	5.00E-01		3.00E+00	9.00E-02	6.00E-01		2.20E+00	9.00E-02	6.00E-01	
Iron	8.52E+03	1.40E+01	1.08E+02		6.68E+03	3.50E+00	2.80E+01		9.00E+03	7.10E+00	5.40E+01		7.96E+03	1.40E+01	1.10E+02		8.35E+03	7.10E+00	5.50E+01	
Lead	5.00E+00	9.00E-02	5.40E+00	F	3.20E+00	9.00E-02	5.50E+00	F	5.10E+00	9.00E-02	5.40E+00	F	4.50E+00	9.00E-02	5.50E+00	F	6.70E+00	9.00E-02	5.50E+00	
Magnesium	3.19E+03	7.40E-01	8.60E+00		3.06E+03	7.40E-01	8.80E+00		3.16E+03	7.40E-01	8.70E+00		2.71E+03	7.40E-01	8.80E+00		3.86E+03	7.40E-01	8.80E+00	
Manganese	8.17E+01	1.30E-01	5.00E-01		5.07E+01	1.30E-01	6.00E-01		1.00E+02	1.30E-01	5.00E-01		6.66E+01	1.30E-01	6.00E-01		1.08E+02	1.30E-01	6.00E-01	
Mercury	1.10E-02	1.00E-02	1.00E-01	F	1.50E-02	1.00E-02	1.00E-01	F	<	1.00E-02	1.00E-01	U	1.40E-02	1.00E-02	1.00E-01	F	<	1.00E-02	1.00E-01	UB
Nickel	6.30E+00	7.00E-02	5.00E-01		5.40E+00	7.00E-02	6.00E-01		6.70E+00	7.00E-02	5.00E-01		6.70E+00	7.00E-02	6.00E-01		6.30E+00	7.00E-02	6.00E-01	
Potassium	1.87E+03	1.39E+01	1.08E+02		1.30E+03	1.39E+01	1.10E+02		2.29E+03	1.39E+01	1.08E+02		1.48E+03	1.39E+01	1.10E+02		2.28E+03	1.39E+01	1.10E+02	
Selenium	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	4.10E+01	7.36E+00	1.08E+02	F	7.02E+01	7.36E+00	1.10E+02	F	2.21E+02	7.36E+00	1.08E+02		4.21E+01	7.36E+00	1.10E+02	F	2.10E+02	7.36E+00	1.10E+02	
Thallium	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U
Vanadium	1.82E+01	6.00E-02	5.00E-01		1.49E+01	6.00E-02	6.00E-01		1.80E+01	6.00E-02	5.00E-01		1.65E+01	6.00E-02	6.00E-01		1.73E+01	6.00E-02	6.00E-01	
Zinc	1.05E+01	1.15E+00	5.40E+00		5.10E+00	1.15E+00	5.50E+00	F	1.35E+01	1.15E+00	5.40E+00		1.20E+01	1.15E+00	5.50E+00		1.55E+01	1.15E+00	5.50E+00	

METALS (mg/kg)	C36-SB06-004 Result	MDL	RL	Qual	C36-SB06-018 Result	MDL	RL	Qual	C36-SB07-004 Result	MDL	RL	Qual	C36-SB07-18 Result	MDL	RL	Qual
Aluminum	7.45E+03	2.00E+01	2.70E+02		6.39E+03	5.10E+00	6.60E+01		7.20E+03	2.00E+01	2.63E+02		1.28E+04	1.00E+01	1.34E+02	
Antimony	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U	<	1.00E-01	8.00E-01	U
Arsenic	1.80E+00	9.00E-02	7.00E-01		1.20E+00	9.00E-02	7.00E-01		2.20E+00	9.00E-02	7.00E-01		2.70E+00	9.00E-02	7.00E-01	
Barium	3.56E+02	1.00E+00	1.10E+01		3.38E+02	2.50E-01	2.80E+00		6.03E+02	1.00E+00	1.10E+01		5.06E+02	5.00E-01	5.60E+00	
Beryllium	3.50E-01	4.00E-02	2.00E-01		3.30E-01	4.00E-02	2.00E-01		3.10E-01	4.00E-02	2.00E-01		6.50E-01	4.00E-02	2.00E-01	
Cadmium	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U	<	3.00E-02	6.00E-01	U
Calcium	1.91E+05	1.60E+01	2.25E+02		3.46E+04	4.10E+00	5.50E+01		1.90E+05	1.60E+01	2.19E+02		8.81E+04	8.20E+00	1.11E+02	
Chromium	9.90E+00	3.00E-02	6.00E-01		6.00E+00	3.00E-02	6.00E-01		5.60E+00	3.00E-02	6.00E-01		9.50E+00	3.00E-02	6.00E-01	
Cobalt	1.30E+00	5.00E-02	6.00E-01		1.50E+00	5.00E-02	6.00E-01		1.10E+00	5.00E-02	6.00E-01		2.70E+00	5.00E-02	6.00E-01	
Copper	2.20E+00	9.00E-02	6.00E-01		1.90E+00	9.00E-02	6.00E-01		2.50E+00	9.00E-02	6.00E-01		2.80E+00	9.00E-02	6.00E-01	
Iron	6.03E+03	1.40E+01	1.12E+02		6.12E+03	3.50E+00	2.80E+01		5.99E+03	1.40E+01	1.10E+02		1.02E+04	7.10E+00	5.60E+01	
Lead	2.22E+01	9.00E-02	5.60E+00		6.20E+00	9.00E-02	5.50E+00		4.20E+00	9.00E-02	5.50E+00	F	6.00E+00	9.00E-02	5.60E+00	
Magnesium	3.15E+03	7.40E-01	9.00E+00		2.92E+03	7.40E-01	8.80E+00		2.99E+03	7.40E-01	8.80E+00		5.75E+03	7.40E-01	8.90E+00	
Manganese	4.04E+01	1.30E-01	6.00E-01		8.02E+01	1.30E-01	6.00E-01		4.06E+01	1.30E-01	6.00E-01		1.24E+02	1.30E-01	6.00E-01	
Mercury	<	1.00E-02	1.00E-01	UB	<	1.00E-02	1.00E-01	UB	<	1.00E-02	1.00E-01	UB	<	1.00E-02	1.00E-01	UB
Nickel	5.20E+00	7.00E-02	6.00E-01		4.90E+00	7.00E-02	6.00E-01		4.90E+00	7.00E-02	6.00E-01		8.00E+00	7.00E-02	6.00E-01	
Potassium	1.17E+03	1.39E+01	1.12E+02		1.64E+03	1.39E+01	1.11E+02		1.08E+03	1.39E+01	1.10E+02		3.29E+03	1.39E+01	1.11E+02	
Selenium	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U	<	2.40E-01	9.00E-01	U
Silver	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U	<	4.00E-02	2.00E-01	U
Sodium	<	7.36E+00	1.12E+02	UB	1.28E+02	7.36E+00	1.11E+02		<	7.36E+00	1.10E+02	UB	2.44E+02	7.36E+00	1.11E+02	
Thallium	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U	<	2.10E-01	2.20E+00	U
Vanadium	1.46E+01	6.00E-02	6.00E-01		1.39E+01	6.00E-02	6.00E-01		1.45E+01	6.00E-02	6.00E-01		1.86E+01	6.00E-02	6.00E-01	
Zinc	1.73E+01	1.15E+00	5.60E+00		2.35E+01	1.15E+00	5.50E+00		1.10E+01	1.15E+00	5.50E+00		1.84E+01	1.15E+00	5.60E+00	

Notes:
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
F = Result between MDL and RL
J = Estimated
MDL = Method Detection Limit
ND = Not Detected
Qual = Qualifier
RL = Reporting Limit
U = Nondetect
UB = Qualified nondetect due to method blank
UJ = Estimated Nondetect