Final

Site Investigation Report
Former Mock Village at Yahou Lake, Parcel 130Q-X

Fort McClellan
Calhoun County, Alabama

Prepared for:

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Task Order CK10
Contract No. DACA21-96-D-0018
Shaw Project No. 796887

November 2003

Revision 0

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Executive Summary

In accordance with Contract Number DACA21-96-D-0018, Task Order CK10, Shaw Environmental, Inc. completed a site investigation (SI) at the Former Mock Village at Yahou Lake, Parcel 130Q-X, at Fort McClellan in Calhoun County, Alabama. The SI was conducted to determine whether chemical constituents are present at the site at concentrations that pose an unacceptable risk to human health or the environment. The SI consisted of the collection and analysis of 9 surface and depositional soil samples, 5 subsurface soil samples, 20 groundwater samples, 2 surface water samples, and 2 sediment samples. In addition, 10 permanent monitoring wells were installed at the site to facilitate groundwater sample collection and to provide site-specific geological and hydrogeological characterization information.

Chemical analysis of samples collected at the site indicates that metals and volatile organic compounds (VOC) were detected in site media. Explosive compounds and semivolatile organic compounds were not detected in site media. To evaluate whether the detected constituents pose an unacceptable risk to human health or the environment, the analytical results were compared to human health site-specific screening levels (SSSL), ecological screening values (ESV), and background screening values for Fort McClellan.

Aluminum was the only chemical of potential concern identified in soil. Aluminum concentrations exceeded its SSSL and background in one surface soil sample and one subsurface soil sample. In groundwater, three metals (barium, manganese, and nickel) were detected in one monitoring well at concentrations exceeding their respective SSSLs and background concentrations. In addition, three VOCs (1,1,2,2-tetrachloroethane, chloroform, and trichloroethene) were detected in groundwater at concentrations exceeding their SSSLs. No chemicals of potential concern were identified for surface water or sediment.

Constituents of potential ecological concern were limited to three metals (aluminum, selenium, and zinc) that exceeded their respective ESVs and background concentrations in surface and depositional soil. No constituents of potential ecological concern were identified for surface water or sediment.

Based on the results of the SI, past operations at Parcel 130Q-X have impacted the environment. Therefore, Shaw Environmental, Inc. recommends that a remedial investigation be conducted to determine the extent of soil and groundwater contamination at the Former Mock Village at Yahou Lake, Parcel 130Q-X.

1.0 Introduction

The U.S. Army has selected Fort McClellan (FTMC), located in Calhoun County, Alabama, for closure by the Base Realignment and Closure (BRAC) Commission under Public Laws 100-526 and 101-510. The 1990 Base Closure Act, Public Law 101-510, established the process by which U.S. Department of Defense (DOD) installations would be closed or realigned. The BRAC Environmental Restoration Program requires investigation and cleanup of federal properties prior to transfer to the public domain. The U.S. Army is conducting environmental studies of the impact of suspected contaminants at parcels at FTMC under the management of the U.S. Army Corps of Engineers (USACE)-Mobile District. The USACE contracted Shaw Environmental, Inc. (Shaw) (formerly IT Corporation [IT]) to perform the site investigation (SI) at the Former Mock Village at Yahou Lake, Parcel 130Q-X, under Contract Number DACA21-96-D-0018, Task Order CK10.

This report presents specific information and results compiled from the SI conducted at Parcel 130Q-X, including field sampling and analysis and monitoring well installation activities.

1.1 Project Description

Parcel 130Q-X was identified as an area to be investigated prior to property transfer. The site was classified as a Category 1 Qualified parcel in the *Final Environmental Baseline Survey, Fort McClellan, Alabama* (EBS) (Environmental Science and Engineering, Inc. [ESE], 1998). Category 1 Qualified parcels are areas that have no evidence of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)-related storage, release, or disposal of petroleum or hazardous substances but that do have other environmental or safety concerns. Parcel 130Q-X was qualified because chemicals of potential concern and/or unexploded ordnance (UXO) may be present as a result of historical site activities.

A site-specific work plan, comprised of a field sampling plan (SFSP), a safety and health plan, and a UXO safety plan, was finalized in September 2000 (IT, 2000a). The work plan was prepared to provide technical guidance for SI field activities at Parcel 130Q-X. The site-specific work plan was used as an attachment to the installation-wide work plan (IT, 1998) and the installation-wide sampling and analysis plan (SAP) (IT, 2000b; IT, 2002). The SAP includes the installation-wide safety and health plan and quality assurance plan.

The SI was conducted in three phases and included fieldwork to collect 5 surface soil samples, 4 depositional soil samples, 5 subsurface soil samples, 20 groundwater samples, 2 surface water samples, and 2 sediment samples to determine whether potential site-specific chemicals are present at the site. The phased approach was the result of an interactive review process by the FTMC BRAC Cleanup Team (BCT). Results of the initial SI activities (Phase I) indicated elevated levels of chlorinated volatile organic compounds (VOC) in groundwater at the site. Thus, the BCT agreed to proceed with supplemental SI activities (Phase II) consisting of the installation and sampling of additional monitoring wells. Based on the additional data collected, quarterly sampling (Phase III) was deemed necessary to monitor the levels of groundwater contaminants. One round of quarterly sampling was completed in October 2002.

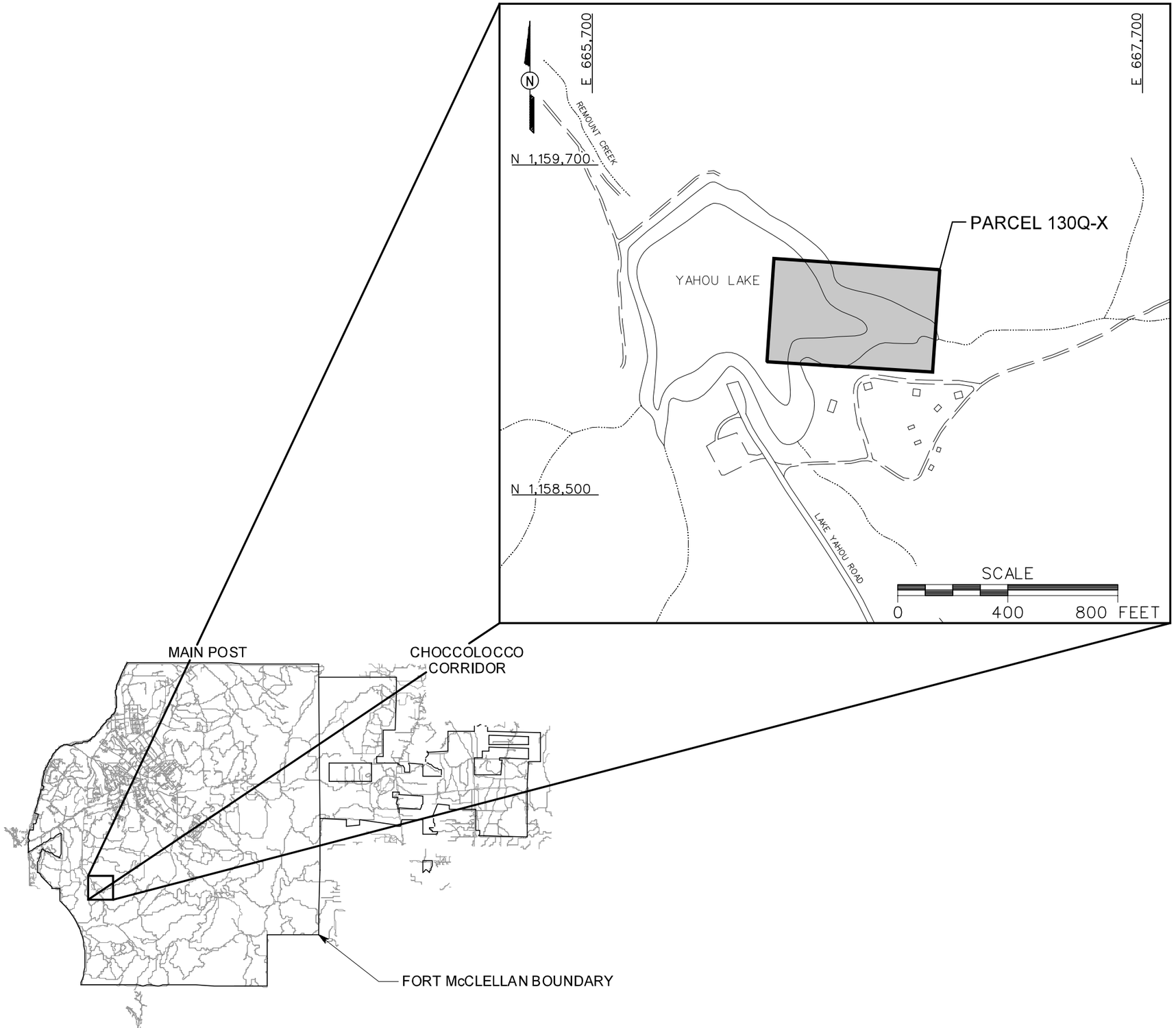
1.2 Purpose and Objectives

The SI program was designed to collect data from site media and provide a level of defensible data and information in sufficient detail to determine whether chemical constituents are present at Parcel 130Q-X at concentrations that pose an unacceptable risk to human health or the environment. The conclusions of the SI in Chapter 6.0 are based on the comparison of the analytical results to human health site-specific screening levels (SSSL), ecological screening values (ESV), and background screening values for FTMC. The SSSLs and ESVs were developed by Shaw as part of human health and ecological risk evaluations associated with SIs being performed under the BRAC Environmental Restoration Program at FTMC. The SSSLs and ESVs are presented in the *Final Human Health and Ecological Screening Values and PAH Background Summary Report* (IT, 2000c). Background metals screening values are presented in the *Final Background Metals Survey Report, Fort McClellan, Alabama* (Science Applications International Corporation [SAIC], 1998).

Based on the conclusions presented in this SI report, the BCT will decide either to propose "No Further Action" or to conduct additional work at the site.

1.3 Site Description and History

The Former Mock Village at Yahou Lake, Parcel 130Q-X, is located in the southwestern portion of the FTMC Main Post (Figure 1-1). The Former Mock Village is located east of Iron Mountain Road, at Yahou Lake, near the southwestern slopes of Baltzell Hills (Figure 1-2). Parcel 130Q-X covers approximately 5 acres. Historical maps and aerial photographs indicate that the Mock Village was constructed between 1946 and 1954 (ESE, 1998). The facility was abandoned by 1961, and only building foundations remained at that time (ESE, 1998). Between 1961 and



LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK

FIGURE 1-1
SITE LOCATION MAP
FORMER MOCK VILLAGE AT
YAHOU LAKE
PARCEL 130Q-X

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

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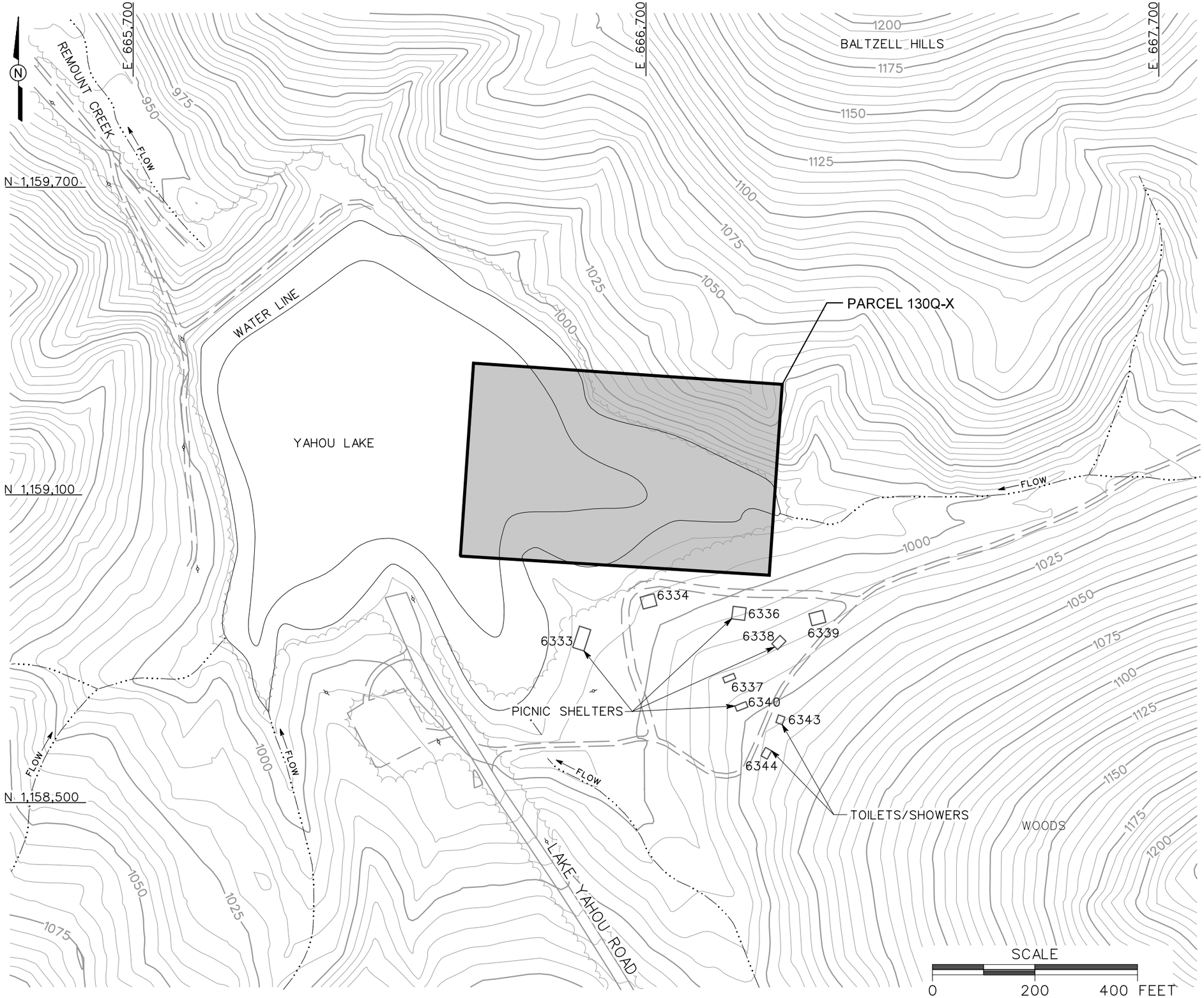

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- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 5 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- UTILITY POLE

FIGURE 1-2
SITE MAP
FORMER MOCK VILLAGE AT
YAHOU LAKE
PARCEL 130Q-X

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
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1969, Remount Creek was dammed to form Yahou Lake (USACE, 2001a). Remount Creek exits Yahou Lake and flows to the north. Yahou Lake presently covers the majority of Parcel 130Q-X, although approximately 1.7 acres on the eastern end of the parcel remain above the lake surface. The areal extent of Yahou Lake is approximately 13 acres. The area south of Yahou Lake was previously used as a picnic and camping area, but has since been abandoned.

Specific information on the nature of training activities or the materials used at the Mock Village is unavailable, although it is assumed that training was similar to that conducted at the Former Mock Vietnam Village. Therefore, the materials used at this training facility are assumed to have included tear gas (chloroacetophenone [CN] and chlorobenzylidenemalononitrile [CS]), booby trap devices, flares, and practice smoke grenades (ESE, 1998).

2.0 Previous Investigations

An EBS was conducted by ESE to document current environmental conditions of all FTMC property (ESE, 1998). The study was to identify sites that, based on available information, have no history of contamination and comply with DOD guidance for fast-track cleanup at closing installations. The EBS also provides a baseline picture of FTMC properties by identifying and categorizing the properties by seven criteria:

1. Areas where no storage, release, or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).

2. Areas where only release or disposal of petroleum products has occurred.

3. Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response.

4. Areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human health and the environment have been taken.

5. Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are underway, but all required remedial actions have not yet been taken.

6. Areas where release, disposal, and/or migration of hazardous substances has occurred, but required actions have not yet been implemented.

7. Areas that are not evaluated or require additional evaluation.

For non-CERCLA environmental or safety issues, the parcel label includes the following components: a unique non-CERCLA issue number, the letter "Q" designating the parcel as a Community Environmental Response Facilitation Act (CERFA) Category 1 Qualified parcel, and the code for the specific non-CERCLA issue(s) present (ESE, 1998). The non-CERCLA issue codes used are:

- A = Asbestos (in buildings)
- L = Lead-based paint (in buildings)
- P = Polychlorinated biphenyls
- R = Radon (in buildings)

- RD = Radionuclides/radiological issues
- X = UXO
- CWM = Chemical warfare material.

The EBS was conducted in accordance with CERFA protocols (Public Law 102-426) and DOD policy regarding contamination assessment. Record searches and reviews were performed on all reasonably available documents from FTMC, the Alabama Department of Environmental Management (ADEM), the U.S. Environmental Protection Agency (EPA) Region 4, and Calhoun County, as well as a database search of CERCLA-regulated substances, petroleum products; and Resource Conservation and Recovery Act-regulated facilities. Available historical maps and aerial photographs were reviewed to document historical land uses. Personal and telephone interviews of past and present FTMC employees and military personnel were conducted. In addition, visual site inspections were conducted to verify conditions of specific property parcels.

The Former Mock Village at Yahou Lake, Parcel 130Q-X, was classified as a CERFA Category 1 Qualified parcel. Category 1 parcels are areas where no known or recorded storage, release, or disposal of hazardous substances or petroleum products has occurred on site property. The parcel, however, was qualified because chemicals of potential concern and/or UXO may be present as a result of historical site activities. Therefore, Parcel 130Q-X required additional evaluation to determine its environmental condition.

3.0 Current Site Investigation Activities

This chapter summarizes SI activities conducted by Shaw at the Former Mock Village at Yahou Lake, Parcel 130Q-X, including environmental sampling and analysis and monitoring well installation activities. Shaw conducted the SI in three phases as follows:

- Phase I - Installation of five groundwater monitoring wells, and collection and analysis of soil, surface water, sediment, and groundwater samples.
- Phase II - Installation and sampling of five additional groundwater monitoring wells.
- Phase III - One round of quarterly groundwater sampling (October 2002) to monitor contaminant levels.

Phase I field activities were initiated in October 2000 and were completed in July 2001. Based on the analytical results, a supplemental SI was deemed necessary. The Phase II field activities were initiated in February 2002 and were completed in May 2002. Following completion of Phase II field activities, Shaw sampled nine of the eleven permanent wells at the site in October 2002 (Phase III). Monitoring well HR-130Q-MW02 and existing background well BK-YAHOU did not yield sufficient water to be sampled.

3.1 Unexploded Ordnance Avoidance

UXO avoidance was performed at Parcel 130Q-X following methodology outlined in the SAP. Shaw UXO personnel used a low-sensitivity magnetometer to perform a surface sweep of the area of investigation prior to site access. After the site was cleared for access, sample locations were monitored by UXO personnel following procedures outlined in the SAP.

3.2 Environmental Sampling

Environmental sampling performed during the SI at Parcel 130Q-X included the collection of surface and depositional soil samples, subsurface soil samples, groundwater samples, surface water samples, and sediment samples for chemical analysis. Sample locations were determined by observing site physical characteristics during a site walk and by reviewing historical documents and aerial photographs pertaining to activities conducted at the site. The sample locations, media, and rationale are summarized in Table 3-1. Sampling locations are shown on

Table 3-1

Sampling Locations And Rationale
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location	Sample Media	Sample Location Rationale
HR-130Q-MW01	Surface soil, subsurface soil, and groundwater	Surface and subsurface soil samples were collected and a permanent residuum groundwater monitoring well was installed and sampled approximately 65 feet northeast of Yahou Lake. Soil and groundwater samples were analyzed to determine if potential site-specific chemicals (PSSC) are present at the site.
HR-130Q-MW02	Surface soil, subsurface soil, and groundwater	Surface and subsurface soil samples were collected and a permanent residuum groundwater monitoring well was installed and sampled approximately 75 feet northeast of Yahou Lake. Soil and groundwater samples were analyzed to determine if PSSCs are present at the site.
HR-130Q-MW03	Surface soil, subsurface soil, and groundwater	Surface and subsurface soil samples were collected and a permanent residuum groundwater monitoring well was installed and sampled near the southeastern edge of Yahou Lake. Soil and groundwater samples were analyzed to determine if PSSCs are present at the site.
HR-130Q-MW04	Surface soil, subsurface soil, and groundwater	Surface and subsurface soil samples were collected and a permanent residuum groundwater monitoring well was installed and sampled along the eastern side of the Former Mock Village. Soil and groundwater samples were analyzed to determine if PSSCs are present at the site.
HR-130Q-MW05	Surface soil, subsurface soil, and groundwater	Surface and subsurface soil samples were collected and a permanent residuum groundwater monitoring well was installed and sampled near the central part of the Former Mock Village. Soil and groundwater samples were analyzed to determine if PSSCs are present at the site.
HR-130Q-MW06	Groundwater	A permanent residuum groundwater monitoring well was installed approximately 60 feet northwest of monitoring well HR-130Q-MW05. Groundwater samples were collected and analyzed to confirm the presence and determine the vertical extent of volatile organic compound (VOC) contamination in HR-130Q-MW05.
HR-130Q-MW07	Groundwater	A permanent residuum groundwater monitoring well was installed approximately 100 feet northeast of HR-130Q-MW05. Groundwater samples were collected and analyzed to determine the northeastern extent of VOC contamination in HR-130Q-MW05.
HR-130Q-MW08	Groundwater	A permanent residuum groundwater monitoring well was installed approximately 110 feet northwest of HR-130Q-MW05. Groundwater samples were collected and analyzed to determine the horizontal extent of VOC contamination in HR-130Q-MW05.
HR-130Q-MW09	Groundwater	A permanent residuum groundwater monitoring well was installed approximately 145 feet west of HR-130Q-MW05. Groundwater samples were collected and analyzed to determine the western extent of VOC contamination in HR-130Q-MW05.
HR-130Q-MW10	Groundwater	A permanent residuum groundwater monitoring well was installed approximately 65 feet southeast (upgradient) of HR-130Q-MW05. Groundwater samples were collected and analyzed to determine the horizontal extent of VOC contamination in HR-130Q-MW05.
HR-130Q-DEP01	Depositional soil	A depositional soil sample was collected from an intermittent stream tributary on the southwestern side of Yahou Lake to determine if PSSCs are present as a result of runoff in the area of Parcel 130Q-X.
HR-130Q-DEP02	Depositional soil	A depositional soil sample was collected from an intermittent stream tributary south of Yahou Lake to determine if PSSCs are present as a result of runoff in the area of Parcel 130Q-X.
HR-130Q-DEP03	Depositional soil	A depositional soil sample was collected from an intermittent stream tributary southeast of Yahou Lake to determine if PSSCs are present as a result of runoff in the area of Parcel 130Q-X.
HR-130Q-DEP04	Depositional soil	A depositional soil sample was collected on the eastern side of Yahou Lake, near the mouth of an intermittent tributary that enters Yahou Lake, to determine if PSSCs are present as a result of runoff in the area of Parcel 130Q-X.
HR-130Q-SW/SD05	Surface Water Sediment	Surface water and sediment samples were collected from Remount Creek, approximately 250 feet northwest and downstream of Yahou Lake, to determine if PSSCs are present as a result of activities at the former mock village.
HR-130Q-SW/SD06	Surface Water Sediment	Surface water and sediment samples were collected near the center of Yahou Lake to determine if PSSCs are present in the lake as a result of activities conducted at the mock village.

Figures 3-1, 3-2, and 3-3. Samples were submitted for laboratory analysis of site-related parameters listed in Section 3.4.

3.2.1 Surface and Depositional Soil Sampling

Five surface soil samples and four depositional soil samples were collected at Parcel 130Q-X, as shown on Figure 3-1. Soil sampling locations and rationale are presented in Table 3-1. Sample designations and analytical parameters are listed in Table 3-2. Sampling locations were determined in the field by the on-site geologist based on the sampling rationale, presence of surface structures, and site topography.

Sample Collection. Surface soil samples were collected from the uppermost foot of soil using a direct-push technology (DPT) sampling system in accordance with procedures presented in the SAP. Depositional soil samples were collected from the upper six inches of soil with a stainless-steel hand auger. Surface and depositional soil samples were collected by first removing surface debris (e.g., rocks and vegetation) from the immediate sample area. After the soil was collected with the sampling device, it was screened with a photoionization detector (PID) in accordance with procedures outlined in the SAP. The soil fraction for VOC analysis was collected directly from the sample device using three EnCore® samplers. The remaining soil was then transferred to a clean stainless-steel bowl, homogenized, and placed in the appropriate sample containers. Sample collection logs are included in Appendix A. The samples were analyzed for the parameters listed in Table 3-2 using methods outlined in Section 3.4.

3.2.2 Subsurface Soil Sampling

Subsurface soil samples were collected from five soil borings at Parcel 130Q-X, as shown on Figure 3-1. Subsurface soil sampling locations and rationale are presented in Table 3-1. Sample designations, depths, and analytical parameters are listed in Table 3-2. Soil boring locations were determined in the field by the on-site geologist based on sampling rationale, presence of surface structures, and site topography.

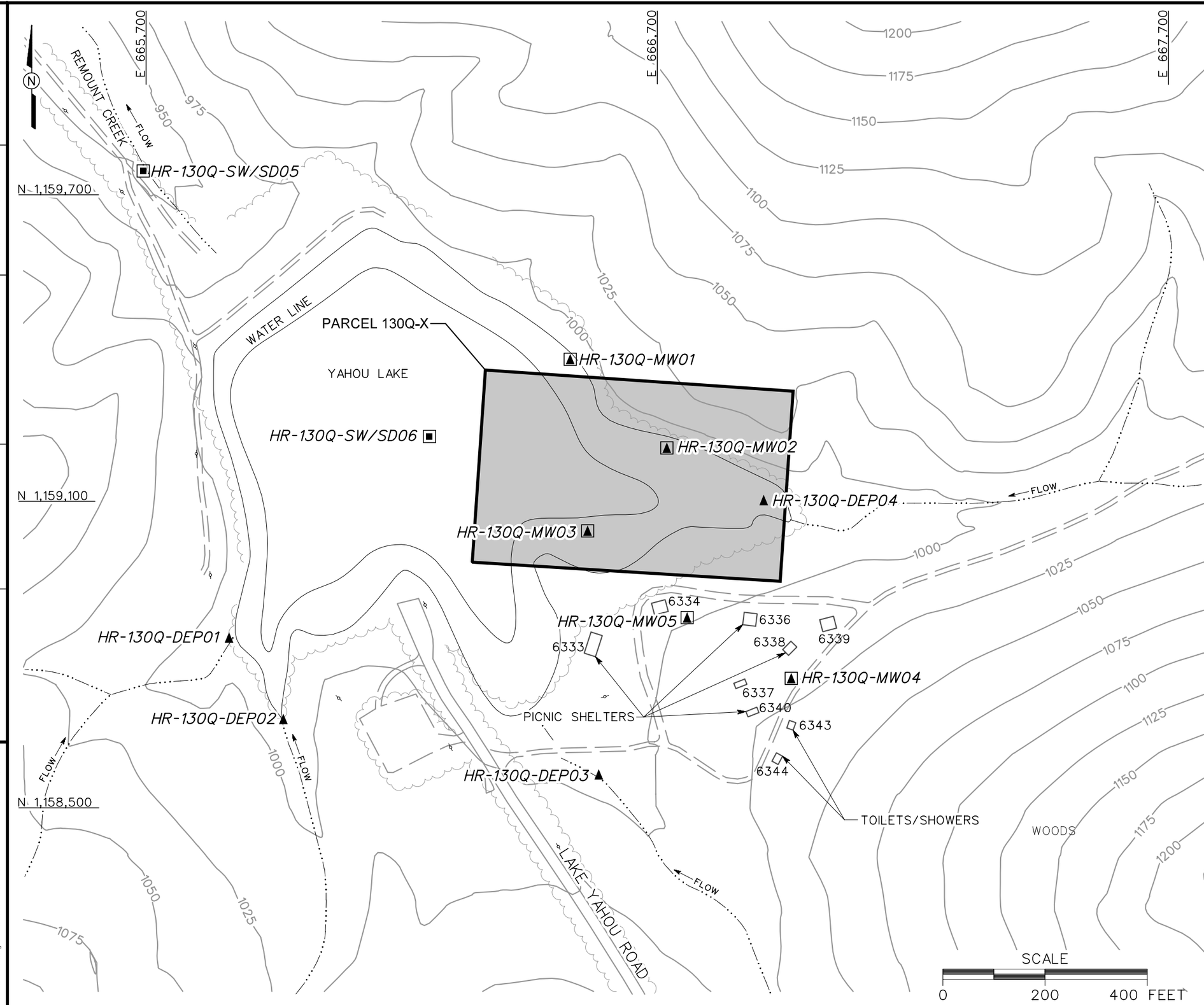
Sample Collection. Subsurface soil samples were collected from soil borings at depths greater than one foot below ground surface (bgs) in the unsaturated zone. The soil borings were advanced and the samples were collected using a DPT sampling system in accordance with procedures presented in the SAP. Sample collection logs are included in Appendix A. The samples were analyzed for the parameters listed in Table 3-2 using methods outlined in Section 3.3.

Table 3-2

Soil Sample Designations and Analytical Parameters
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location	Sample Designation	Sample Depth (ft)	QA/QC Samples			Analytical Parameters
			Field Duplicates	Field Splits	MS/MSD	
HR-130Q-MW01	HR-130Q-MW01-SS-YP0001-REG	0-1			HR-130Q-MW01-SS-YP0001-MS/MSD	Metals, VOCs, SVOCs, and Explosives
	HR-130Q-MW01-DS-YP0002-REG	10-12				
HR-130Q-MW02	HR-130Q-MW02-SS-YP0003-REG	0-1				Metals, VOCs, SVOCs, and Explosives
	HR-130Q-MW02-DS-YP0004-REG	1-2				
HR-130Q-MW03	HR-130Q-MW03-SS-YP0005-REG	0-1				Metals, VOCs, SVOCs, and Explosives
	HR-130Q-MW03-DS-YP0006-REG	6-9	HR-130Q-MW03-DS-YP0007-FD	HR-130Q-MW03-DS-YP0008-FS		
HR-130Q-MW04	HR-130Q-MW04-SS-YP0009-REG	0-1				Metals, VOCs, SVOCs, and Explosives
	HR-130Q-MW04-DS-YP0010-REG	3-4				
HR-130Q-MW05	HR-130Q-MW05-SS-YP0011-REG	0-1				Metals, VOCs, SVOCs, and Explosives
	HR-130Q-MW05-DS-YP0012-REG	7-8				
HR-130Q-DEP01	HR-130Q-DEP01-DEP-YP0013-REG	0-0.5				Metals, VOCs, SVOCs, Explosives, TOC, and Grain Size
HR-130Q-DEP02	HR-130Q-DEP02-DEP-YP0014-REG	0-0.5				Metals, VOCs, SVOCs, Explosives, TOC, and Grain Size
HR-130Q-DEP03	HR-130Q-DEP03-DEP-YP0015-REG	0-0.5	HR-130Q-DEP03-DEP-YP0016-FD	HR-130Q-DEP03-DEP-YP0017-FS	HR-130Q-DEP03-DEP-YP0015-MS/MSD	Metals, VOCs, SVOCs, Explosives, TOC, and Grain Size
HR-130Q-DEP04	HR-130Q-DEP04-DEP-YP0018-REG	0-0.5				Metals, VOCs, SVOCs, Explosives, TOC, and Grain Size

FD - Field duplicate.
FS - Field split.
MS/MSD - Matrix spike/matrix spike duplicate.
QA/QC - Quality assurance/quality control.
REG - Field sample.
SVOC - Semivolatile organic compound.
TOC - Total organic carbon.
VOC - Volatile organic compound.



LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- UTILITY POLE
- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- MONITORING WELL / GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- DEPOSITIONAL SOIL SAMPLE LOCATION

FIGURE 3-1
PHASE I SAMPLE LOCATION MAP
FORMER MOCK VILLAGE AT
YAHOU LAKE
PARCEL 130Q-X

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Shaw Environmental, Inc.

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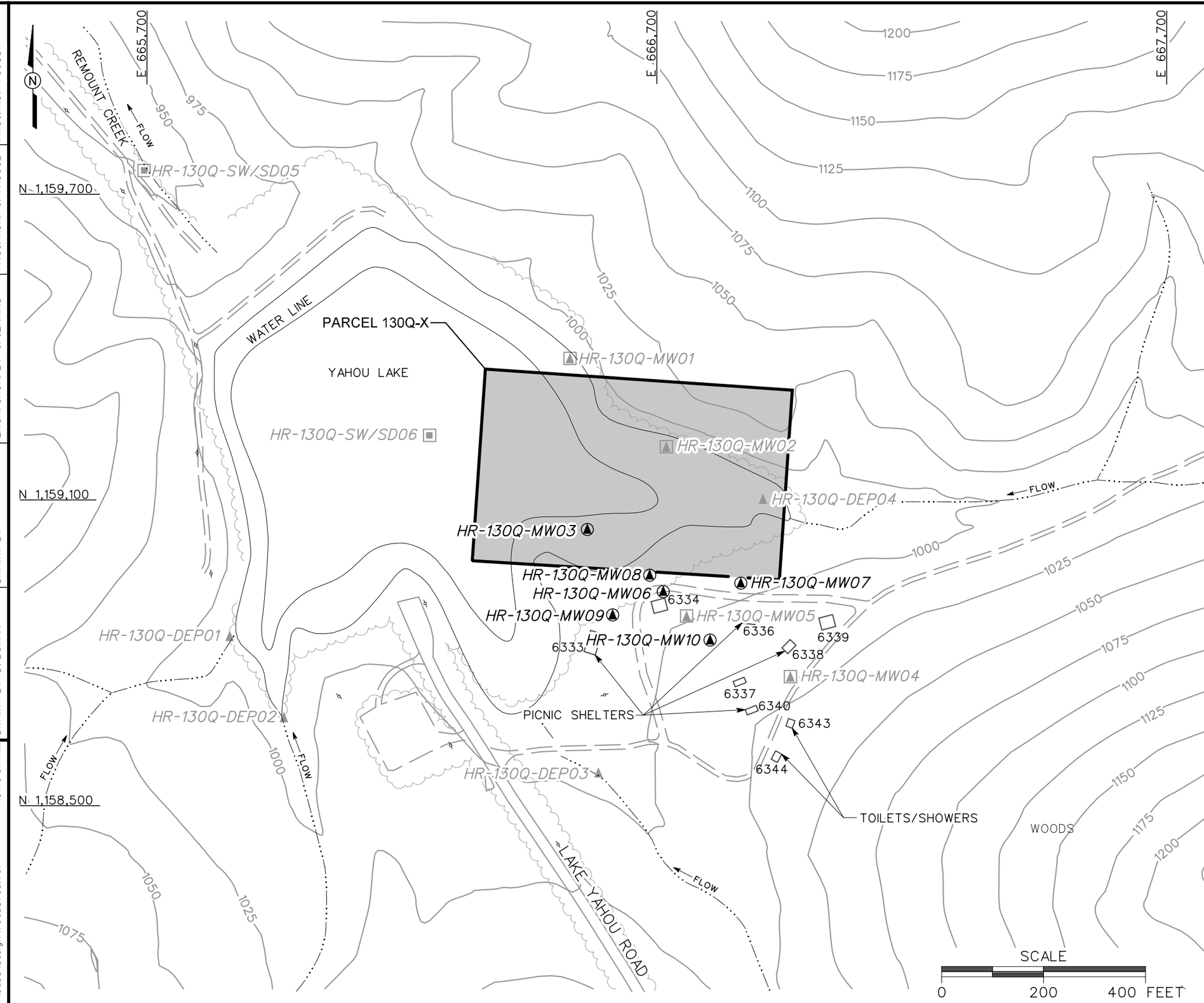

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- UTILITY POLE
- MONITORING WELL / GROUNDWATER SAMPLE LOCATION
- PHASE I SURFACE WATER/SEDIMENT SAMPLE LOCATION
- PHASE I MONITORING WELL / GROUNDWATER, SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- PHASE I DEPOSITIONAL SOIL SAMPLE LOCATION

FIGURE 3-2
PHASE II SAMPLE LOCATION MAP
FORMER MOCK VILLAGE AT
YAHOU LAKE
PARCEL 130Q-X

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Shaw Environmental, Inc.

DWG. NO.: ...\796887es.761
PROJ. NO.: 796887
INITIATOR: N. BADON
PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY:
ENGR. CHCK. BY: J. JENKINS
DATE LAST REV.:
DRAWN BY:
STARTING DATE: 05/05/03
DRAWN BY: D. BOMAR
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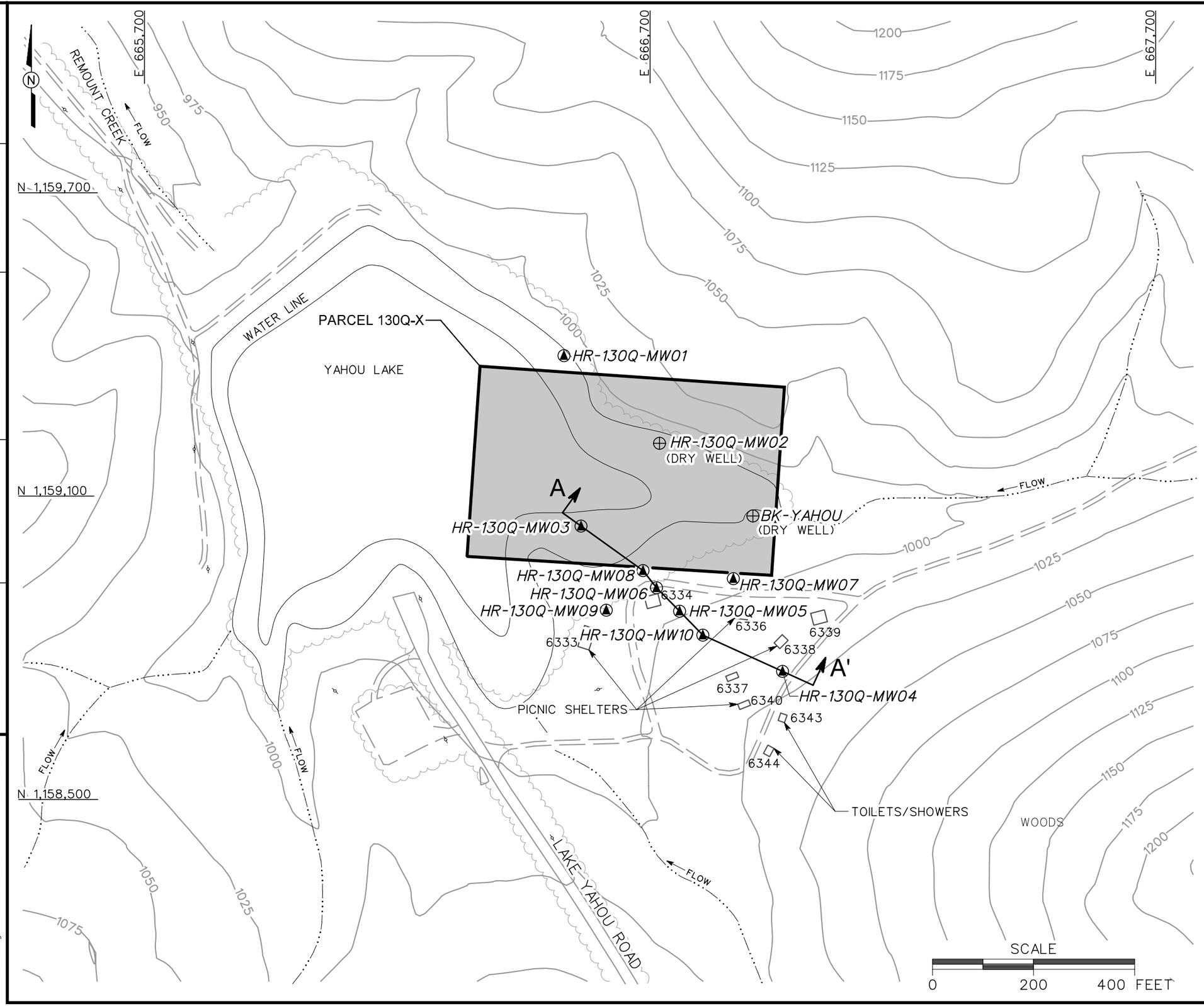

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- UTILITY POLE
- MONITORING WELL LOCATION
- MONITORING WELL / GROUNDWATER SAMPLE LOCATION
- A A' CROSS SECTION LOCATION

FIGURE 3-3
PHASE III SAMPLE LOCATION MAP
FORMER MOCK VILLAGE AT
YAHOU LAKE
PARCEL 130Q-X

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Shaw Environmental, Inc.

DWG. NO.: ...\796887es.762
PROJ. NO.: 796887
INITIATOR: N. BADON
PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY:
ENGR. CHCK. BY: J. JENKINS
DATE LAST REV.:
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STARTING DATE: 05/05/03
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Subsurface soil samples were collected continuously to 12 feet bgs or until DPT refusal was encountered. Samples were field screened using a PID to measure volatile organic vapors. The sample displaying the highest reading was selected and sent to the laboratory for analysis; however, at those locations where PID readings were below background, the deepest sample interval was submitted for analysis. The soil fraction for VOC analysis was collected directly from the sample device using three EnCore samplers. The remaining soil was then transferred to a clean stainless-steel bowl, homogenized, and placed in the appropriate sample containers. The on-site geologist constructed a detailed boring log for each soil boring. The boring logs are included in Appendix B. At the completion of soil sampling, boreholes were abandoned with bentonite pellets and hydrated with potable water following borehole abandonment procedures summarized in the SAP.

3.2.3 Monitoring Well Installation

A total of 10 monitoring wells were installed at Parcel 130Q-X to collect groundwater samples for laboratory analysis. Five permanent monitoring wells were installed during Phase I of the SI and 5 additional wells were installed during Phase II of the SI. Existing monitoring well BK-YAHOU (Figure 3-1) was installed during the background metals survey conducted by SAIC (1998). The well locations are shown on Figure 3-1 (Phase I) and Figure 3-2 (Phase II). Table 3-3 summarizes construction details of the monitoring wells installed at the site. The well construction logs are included in Appendix B.

3.2.3.1 Phase I Residuum Monitoring Wells

Shaw contracted Miller Drilling Company to install the permanent wells using a hollow-stem auger drill rig, following procedures outlined in the SAP. The borehole at each well location was advanced with a 4¼-inch inside diameter (ID) hollow-stem auger from ground surface to the first water-bearing zone in the residuum. Monitoring well HR-130Q-MW04 was initially drilled with a 4¼-inch ID hollow-stem auger from ground surface until auger refusal was encountered at 30 feet bgs. The borehole was then continued to completion depth with an air-rotary drill rig equipped with a tri-cone roller bit. During hollow-stem auger drilling, a 2-foot-long, 2-inch ID carbon steel split-spoon sampler was driven at 5-foot intervals to collect residuum for observing and describing lithology. The on-site geologist logging the auger borehole continued the lithological log for each borehole from ground surface to the total depth of the borehole by logging the split-spoon samples. The split-spoon samples were logged to determine lithologic changes and the approximate depth of groundwater encountered during drilling. This

Table 3-3

Monitoring Well Construction Summary
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Well Location	Northing	Easting	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Well Depth (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)	Well Material
BK-YAHOU	1159057.67	666906.47	992.97	995.10	14.3	10	4 - 14	4" ID Sch. 80 PVC
HR-130Q-MW01	1159374.75	666532.81	989.06	992.14	41	15	24 - 39	2" ID Sch. 40 PVC
HR-130Q-MW02	1159201.22	666721.86	986.59	989.28	38.5	20	18.3 - 38.3	2" ID Sch. 40 PVC
HR-130Q-MW03	1159039.02	666566.72	986.99	989.52	24	15	7 - 22	2" ID Sch. 40 PVC
HR-130Q-MW04	1158750.23	666965.13	1022.71	1024.91	240.5	20	215.3 - 235.3	2" ID Sch. 40 PVC
HR-130Q-MW05	1158869.17	666761.48	1005.59	1007.57	70	20	49.8 - 69.8	2" ID Sch. 40 PVC
HR-130Q-MW06	1158916.85	666715.77	997.15	999.68	150	20	130 - 150	4" ID Sch. 80 PVC
HR-130Q-MW07	1158933.47	666867.91	1004.18	1006.59	106	30	76 - 106	2" ID Sch. 40 PVC
HR-130Q-MW08	1158949.17	666689.16	995.20	997.79	71	20	51 - 71	2" ID Sch. 40 PVC
HR-130Q-MW09	1158871.08	666616.54	995.61	997.96	80	20	59.7 - 79.7	2" ID Sch. 40 PVC
HR-130Q-MW10	1158821.63	666807.61	1011.64	1014.09	138	30	108 - 138	2" ID Sch. 40 PVC

Permanent wells installed using hollow-stem auger and/or air-rotary drilling techniques.
Horizontal coordinates referenced to the U.S. State Plane Coordinate System, Alabama East Zone, North American Datum of 1983.
Elevations referenced to the North American Vertical Datum of 1988.

2" ID Sch. 40 PVC - 2-inch inside diameter, Schedule 40, polyvinyl chloride.
4" ID Sch. 80 PVC - 4-inch inside diameter, Schedule 80, polyvinyl chloride.
amsl - Above mean sea level.
bgs - Below ground surface.
ft - Feet.

information was used to determine the optimal placement of the monitoring well screen interval and to provide site-specific geologic and hydrogeologic information. The on-site geologist constructed a detailed lithological log for each soil boring. Soil characteristics were described using the "Burmeister Identification System" described in Hunt (1986) and the Unified Soil Classification System (USCS) as outlined in the American Society for Testing and Materials (ASTM) Method D 2488 (ASTM, 2000). The boring logs are included in Appendix B.

Upon reaching the target depth in each borehole, a 15- or 20-foot length of 2-inch ID, 0.010-inch continuous slot, Schedule 40 polyvinyl chloride (PVC) screen with a PVC end cap (or sump) was placed through the auger to the bottom of the borehole. The screen and end cap (or sump) were attached to 2-inch ID, flush-threaded Schedule 40 PVC riser. A sand pack consisting of number 1 filter sand (environmentally safe, clean fine sand, sieve size 20 to 40) was tremied around the well screen to approximately 5 feet above the top of the well screen as the augers were removed. A bentonite seal, consisting of approximately 5 feet of bentonite pellets, was placed immediately on top of the sand pack and hydrated with potable water. If the bentonite seal was installed below the water table surface, the bentonite pellets were allowed to hydrate in the groundwater. Bentonite seal placement and hydration followed procedures in the SAP. The remaining annular space of the permanent residuum wells was filled with bentonite-cement grout. The well surface completion included installing a protective steel casing and concrete surface pad around the wellhead. A well cap was placed on the PVC riser and a lock was placed on the protective steel casing.

3.2.3.2 Phase II Residuum Monitoring Wells

Based on drilling conditions encountered during Phase I activities, a combination of hollow-stem auger, PQ wireline rock coring, and air-rotary drilling techniques were used to install deeper residuum wells during Phase II. The groundwater monitoring wells were installed following procedures outlined in the SAP. Monitoring wells HR-130Q-MW07 through HR-130Q-MW10 were installed using a combination of hollow-stem auger and air-rotary drilling techniques. Upon reaching the completion depth in each borehole, monitoring wells HR-130Q-MW07 through HR-130Q-MW10 were constructed with a 20- or 30-foot length of 2-inch ID, 0.010-inch continuous slot, Schedule 40 PVC screen attached to 2-inch ID, flush threaded, Schedule 40 PVC riser.

Monitoring well HR-130Q-MW06, which was planned as a bedrock well, was drilled and installed using a combination of rock coring and air-rotary drilling techniques. The borehole was

drilled using a 12¼-inch ID tri-cone rotary bit from ground surface to the outer casing target depth (approximately 100 feet). An 8-inch ID carbon steel International Pipe Standard outer casing was installed into the borehole from ground surface to 100 feet bgs. A minimum of 2 inches of annular space was maintained between the outer casing and the borehole wall. The outer casing was grouted in place using a tremie pipe suspended in the annulus outside the casing. The grout cured for a minimum of 48 hours before drilling continued. Shaw attempted to continuously collect core samples from the bottom of the outer casing to the total depth of the borehole using a triple PQ wireline core barrel. However, bedrock was not encountered and a 7⅞-inch air percussion bit was used to drill the borehole to completion depth. Upon reaching the target depth of the borehole at HR-130Q-MW06, a 20-foot-length of 4-inch ID, 0.010-inch continuous slot, Schedule 80 PVC screen was placed through the outer casing to the bottom of the borehole. The screen was attached to 4-inch ID, flush-threaded Schedule 80 PVC riser. A filter pack consisting of number 1 filter sand (environmentally safe, clean fine sand, sieve size 20 to 40) was tremied around the well screen to approximately 5 feet above the top of the well screen. Extra fine filter sand (environmentally safe, clean fine sand, sieve size 30 to 70), approximately 5 feet thick, was tremied on top of the number 1 filter sand. A bentonite seal, consisting of approximately 5 feet of bentonite pellets, was placed immediately on top of the fine sand and hydrated with potable water. Bentonite seal placement and hydration followed procedures in the SAP. Bentonite-cement grout was tremied into the remaining annular space of the well from the top of the bentonite seal to approximately ground surface. A locking protective steel casing was placed over the PVC well riser, and a concrete pad was constructed around the wellhead.

3.2.3.3 Well Development

The monitoring wells were developed with a submersible pump by surging and pumping or using a bailer in accordance with methodology outlined in the SAP. The submersible pump used for well development was moved in an up-and-down fashion to encourage any residual well installation materials to enter the well. These materials were then pumped out of the well to re-establish the natural hydraulic flow conditions. Development continued until the water turbidity was less than or equal to 20 nephelometric turbidity units (NTU), for a maximum of 8 hours (2-inch wells) or 12 hours (4-inch well), or until the well was purged dry and allowed to recover three successive times. The well development logs are included in Appendix C.

3.2.4 Water Level Measurements

The depth to groundwater was measured in the wells at the site in April 2002 and in December 2002. Water level measurements were collected following procedures outlined in the SAP. Depth to groundwater was measured with an electronic water-level meter. The meter probe and cable were cleaned before use at each well following decontamination methodology presented in the SAP. Measurements were referenced to the top of the PVC well casing, as summarized in Table 3-4.

3.2.5 Groundwater Sampling

A total of 20 groundwater samples were collected from the 10 monitoring wells installed at Parcel 130Q-X. Five permanent wells were sampled during Phase I of the SI in May 2001 and July 2001 (Figure 3-1). Six samples (including one resample at HR-130Q-MW03) were collected from the permanent monitoring wells installed during Phase II of the SI conducted in 2002 (Figure 3-2). In October 2002, Shaw conducted the Phase III sampling of nine monitoring wells (Figure 3-3). Two wells (HR-130Q-MW02 and BK-YAHOU) did not contain sufficient water volume for sampling. The groundwater sampling locations and rationale are listed in Table 3-1. The groundwater sample designations and analytical parameters are listed in Table 3-5.

Sample Collection. The groundwater samples were collected using a mechanical pump (i.e., a peristaltic, bladder, or centrifugal pump equipped with Teflon™ tubing) and/or Teflon bailer, following procedures outlined in the SAP. Samples for VOC analysis were collected using either a Teflon bailer or via the "tube evacuation" method described in the SAP (IT, 2002). Groundwater was sampled after purging a minimum of three well volumes and after field parameters (i.e., temperature, pH, dissolved oxygen, specific conductivity, oxidation-reduction potential, and turbidity) stabilized. Field parameters were measured using a calibrated water-quality meter. Field parameter readings are summarized in Table 3-6. Sample collection logs are included in Appendix A. The samples were analyzed for the parameters listed in Table 3-5 using methods outlined in Section 3.4.

3.2.6 Surface Water Sampling

Two surface water samples were collected at Parcel 130Q-X at the locations shown on Figure 3-1. The surface water sampling locations and rationale are listed in Table 3-1. The surface water sample designations and analytical parameters are listed in Table 3-7. The actual sampling locations were determined in the field, based on drainage pathways and field observations.

Table 3-4

Groundwater Elevations
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Well Location	Date	Depth to Water (ft BTOC)	Top of Casing Elevation (ft amsl)	Ground Elevation (ft amsl)	Groundwater Elevation (ft amsl)
BK-YAHOU	16-Apr-02	7.12	995.10	992.97	987.98
	17-Dec-02	4.72			990.38
HR-130Q-MW01	16-Apr-02	4.96	992.14	989.06	987.18
	17-Dec-02	6.59			985.55
HR-130Q-MW02	16-Apr-02	37.67	989.28	986.59	951.61
	17-Dec-02	39.49			949.79
HR-130Q-MW03	16-Apr-02	1.79	989.52	986.99	987.73
	17-Dec-02	2.60			986.92
HR-130Q-MW04	16-Apr-02	212.40	1024.91	1022.71	812.51
	17-Dec-02	211.47			813.44
HR-130Q-MW05	16-Apr-02	28.23	1007.57	1005.59	979.34
	17-Dec-02	31.11			976.46
HR-130Q-MW06	16-Apr-02	97.22	999.68	997.15	902.46
	17-Dec-02	94.66			905.02
HR-130Q-MW07	16-Apr-02	91.23	1006.59	1004.18	915.36
	17-Dec-02	91.00			915.59
HR-130Q-MW08	16-Apr-02	16.41	997.79	995.20	981.38
	17-Dec-02	17.72			980.07
HR-130Q-MW09	16-Apr-02	7.58	997.96	995.61	990.38
	17-Dec-02	7.59			990.37
HR-130Q-MW10	16-Apr-02	92.87	1014.09	1011.64	921.22
	17-Dec-02	93.18			920.91

Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

amsl - Above mean sea level.
BTOC - Below top of casing.
ft - Feet.

Table 3-5

Groundwater Sample Designations and Analytical Parameters
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location	Sample Designation	QA/QC Samples		Analytical Parameters
		Field Duplicates	MS/MSD	
HR-130Q-MW01	HR-130Q-MW01-GW-YP3001-REG		HR-130Q-MW01-GW-YP3001-MS/MSD	Metals, VOCs, SVOCs, and Explosives
	HR-130Q-MW01-GW-YP3015-REG			VOCs
HR-130Q-MW02	HR-130Q-MW02-GW-YP3002-REG			Metals, VOCs, SVOCs, and Explosives
HR-130Q-MW03	HR-130Q-MW03-GW-YP3003-REG	HR-130Q-MW03-GW-YP3004-FD		Metals, VOCs, SVOCs, and Explosives
	HR-130Q-MW03-GW-YP3014-REG			VOCs
	HR-130Q-MW03-GW-YP3017-REG			VOCs
HR-130Q-MW04	HR-130Q-MW04-GW-YP3006-REG			Metals, VOCs, SVOCs, and Explosives
	HR-130Q-MW04-GW-YP3019-REG			VOCs
HR-130Q-MW05	HR-130Q-MW05-GW-YP3007-REG			Metals, VOCs, SVOCs, and Explosives
	HR-130Q-MW05-GW-YP3020-REG		HR-130Q-MW05-GW-YP3020-MS/MSD	VOCs
HR-130Q-MW06	HR-130Q-MW06-GW-YP3008-REG		HR-130Q-MW06-GW-YP3008-MS/MSD	VOCs
	HR-130Q-MW06-GW-YP3021-REG	HR-130Q-MW06-GW-YP3018-FD		
HR-130Q-MW07	HR-130Q-MW07-GW-YP3009-REG	HR-130Q-MW07-GW-YP3010-FD		VOCs
	HR-130Q-MW07-GW-YP3022-REG			
HR-130Q-MW08	HR-130Q-MW08-GW-YP3011-REG			VOCs
	HR-130Q-MW08-GW-YP3023-REG			
HR-130Q-MW09	HR-130Q-MW09-GW-YP3012-REG			VOCs
	HR-130Q-MW09-GW-YP3024-REG			
HR-130Q-MW10	HR-130Q-MW10-GW-YP3013-REG			VOCs
	HR-130Q-MW10-GW-YP3025-REG			

FD - Field duplicate.
MS/MSD - Matrix spike/matrix spike duplicate.
QA/QC - Quality assurance/quality control.
REG - Field sample.
SVOC - Semivolatile organic compound.
VOC - Volatile organic compound.

Table 3-6

Groundwater and Surface Water Field Parameters
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location	Sample Media	Sample Date	Specific Conductivity (mS/cm)	Dissolved Oxygen[a] (mg/L)	ORP (mV)	Temperature (°C)	Turbidity (NTU)	pH (SU)
HR-130Q-MW01	GW	26-Jul-01	0.075	5.72	147	24.6	95	6.52
		21-Oct-02	0.045	3.98	328	20.2	20	5.94
HR-130Q-MW02	GW	27-Jul-01	0.310	13.53	259	21.3	6.4	4.46
HR-130Q-MW03	GW	21-May-01	0.015	8.60	450	17.7	4.6	4.73
		22-May-02	0.013	9.88	202	21.2	3.9	4.57
		8-Oct-02	0.006	9.88	258	20.5	9.7	4.74
HR-130Q-MW04	GW	27-Jul-01	0.276	11.47	313	18.9	85	3.75
		16-Oct-02	0.009	9.15	173	15.4	76	5.27
HR-130Q-MW05	GW	3-May-01	0.028	3.69	316	26.2	40	5.06
		17-Oct-02	0.015	4.15	144	15.6	320	5.26
HR-130Q-MW06	GW	21-May-02	0.029	3.89	234	22.8	15.5	4.87
		9-Oct-02	0.020	0.82	382	22.2	15.6	4.60
HR-130Q-MW07	GW	24-May-02	0.044	8.71	247	17.5	19	4.66
		10-Oct-02	0.012	6.98	195	21.1	208	5.20
HR-130Q-MW08	GW	17-May-02	0.051	8.15	228	21.8	1.0	5.08
		7-Oct-02	0.027	7.78	207	18.4	4.0	4.70
HR-130Q-MW09	GW	15-May-02	0.011	11.72	242	20.1	0.8	4.70
		7-Oct-02	0.008	10.47	234	17.5	5.3	4.50
HR-130Q-MW10	GW	15-May-02	0.025	8.93	192	17.6	8.8	5.21
		18-Oct-02	0.023	6.71	309	21.5	151	5.02
HR-130Q-SW/SD05	SW	15-Jan-01	0.116	9.93	255	9.1	18	6.02
HR-130Q-SW/SD06	SW	15-Jan-01	0.113	8.17	98	14.0	8.0	5.97

[a] Some dissolved oxygen readings are artificially elevated due to the use of bailers or peristaltic pumps during purging and sampling.

°C - Degrees Celsius.
GW - Groundwater.
mg/L - Milligrams per liter.
mS/cm - Millisiemens per centimeter.
mV - Millivolts.
NTU - Nephelometric turbidity units.
ORP - Oxidation-reduction potential.
SU - Standard units.
SW - Surface water.

Table 3-7

Surface Water and Sediment Sample Designations and Analytical Parameters
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location	Sample Designation	Sample Matrix	Analytical Parameters
HR-130Q-SW/SD05	HR-130Q-SW/SD05-SW-YP2007-REG	Surface Water	Metals, VOCs, SVOCs, and Explosives (TOC and grain size - sediment only)
	HR-130Q-SW/SD05-SD-YP1007-REG	Sediment	
HR-130Q-SW/SD06	HR-130Q-SW/SD06-SW-YP2008-REG	Surface Water	Metals, VOCs, SVOCs, and Explosives (TOC and grain size - sediment only)
	HR-130Q-SW/SD06-SD-YP1008-REG	Sediment	

Note: No QA/QC samples specified in Site-Specific Field Sampling Plan.

REG - Field sample.
SVOC - Semivolatile organic compound.
TOC - Total organic carbon.
VOC - Volatile organic compound.

Sample Collection. The surface water samples were collected by dipping a stainless-steel pitcher in the water and pouring the water into the sample containers, following procedures presented in the SAP. The surface water samples were collected after field parameters had been measured using a calibrated water quality meter. Surface water field parameters are listed in Table 3-6. The sample collection logs are included in Appendix A. The samples were analyzed for the parameters listed in Table 3-7 using the methods outlined in Section 3.4.

3.2.7 Sediment Sampling

Two sediment samples were collected at the same locations as the surface water samples, as shown on Figure 3-1. The sediment sampling locations and rationale are presented in Table 3-1. The sediment sample designations and analytical parameters are listed in Table 3-7. The actual sediment sampling locations were determined in the field, based on drainage pathways and field observations.

Sample Collection. The sediment samples were collected in accordance with the procedures specified in the SAP. Sediments were collected with a stainless-steel hand auger and placed in a clean stainless-steel bowl. Samples for VOC analysis were then immediately collected from the bowl using three EnCore samplers. The remaining sample was then homogenized and placed in the appropriate sample containers. The sample collection logs are included in Appendix A. The sediment samples were analyzed for the parameters listed in Table 3-7 using methods outlined in Section 3.4.

3.3 Surveying of Sample Locations

Sample locations were surveyed using global positioning system and conventional civil survey techniques described in the SAP. Horizontal coordinates were referenced to the U.S. State Plane Coordinate System, Alabama East Zone, North American Datum of 1983. Elevations were referenced to the North American Vertical Datum of 1988. Horizontal coordinates and elevations are included in Appendix D.

3.4 Analytical Program

Samples collected during the SI were analyzed for various chemical parameters based on potential site-specific chemicals and on EPA, ADEM, FTMC, and USACE requirements. Samples collected at Parcel 130Q-X were analyzed for the following parameters using EPA SW-846 methods, including Update III methods where applicable:

- Target analyte list metals – EPA Methods 6010B/7000
- Target compound list (TCL) VOCs – EPA Method 8260B
- TCL semivolatile organic compounds (SVOC) – EPA Method 8270C
- Nitroaromatic and nitramine explosives – EPA Method 8330.

The depositional soil and sediment samples were analyzed for the following additional parameters:

- Total organic carbon (TOC) – EPA Method 9060
- Grain size – ASTM Method D422.

Groundwater samples collected during the Phase II and Phase III investigations were analyzed for VOCs only (EPA Method 8260B).

3.5 Sample Preservation, Packaging, and Shipping

Sample preservation, packaging, and shipping followed requirements specified in the SAP. Sample containers, sample volumes, preservatives, and holding times for the analyses required in this SI are listed in the SAP. Sample documentation and chain-of-custody records were completed as specified in the SAP.

Completed analysis request and chain-of-custody records (Appendix A) were secured and included with each shipment of sample coolers to EMAX Laboratories, Inc. in Torrance, California. Split samples were shipped to the USACE South Atlantic Division Laboratory in Marietta, Georgia.

3.6 Investigation-Derived Waste Management and Disposal

Investigation-derived waste (IDW) was managed and disposed as outlined in the SAP. The IDW generated during the SI at Yahou Lake, Parcel 130Q-X, was segregated as follows:

- Soil boring cuttings
- Decontamination fluids and purge water from well development and sampling
- Personal protective equipment (PPE) and spent well materials.

Solid IDW was stored inside the fenced area surrounding Buildings 335 and 336 in lined roll-off bins prior to characterization and final disposal. Solid IDW was characterized using toxicity characteristic leaching procedure analysis. Based on the results, soil boring cuttings, spent well materials, and PPE generated during Phase I of the SI (prior to January 2002) were disposed as nonhazardous waste at the Industrial Waste Landfill on the Main Post of FTMC. Solid IDW

generated after January 2002 (Phase II) was disposed as nonhazardous waste at the Three Corners Landfill located in Piedmont, Alabama.

Liquid IDW for all phases was contained in the 20,000-gallon sump associated with the Building T-338 vehicle washrack. Liquid IDW was characterized by VOC, SVOC, and metals analyses. Based on the analyses, liquid IDW was discharged as nonhazardous waste to the FTMC wastewater treatment plant on the Main Post.

3.7 Variances and Nonconformances

Five variances to the SFSP were recorded during completion of the SI at Yahou Lake, Parcel 130Q-X. The variances did not alter the intent of the investigation or the sampling rationale presented in the SFSP. The variances are summarized in Table 3-8 and the variance reports are included in Appendix E.

No nonconformances to the SFSP were recorded during completion of the SI.

3.8 Data Quality

The field sample analytical data are presented in tabular form in Appendix F. The field samples were collected, documented, handled, analyzed, and reported in a manner consistent with the site-specific work plans; the FTMC SAP and quality assurance plan; and standard, accepted methods and procedures. Data were reported and evaluated in accordance with USACE South Atlantic Savannah Level B criteria (USACE, 2001b) and the stipulated requirements for the generation of definitive data presented in the SAP. Chemical data were reported by the laboratory via hard-copy data packages using Contract Laboratory Program-like forms.

Data Validation. The reported analytical data were validated in accordance with EPA National Functional Guidelines by Level III criteria. The data validation results are summarized in a quality assurance report, which includes the data validation summary report (Appendix G). Selected results were qualified based on the implementation of accepted data validation procedures and practices. These qualified parameters are highlighted in the report. The validation-assigned qualifiers were added to the FTMC Shaw Environmental Management System database for tracking and reporting. The qualified data were used in comparisons to the SSSLs and ESVs. Rejected data (assigned an "R" qualifier) were not used in the comparisons to the SSSLs and ESVs. The data presented in this report, except where qualified, meet the principle data quality objective for this investigation.

Table 3-8

Variances to the Site-Specific Field Sampling Plan
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Variance to the SFSP	Justification for Variance	Impact to Site Investigation
Depositional soil samples were collected at four of the six proposed surface water and sediment sample locations.	At the time of sample collection, surface water and sediment were not present at the sampling locations of HR-130Q-SW/SD01, HR-130Q-SW/SD02, HR-130Q-SW/SD03, and HR130Q-SW/SD04. After several unsuccessful attempts, depositional soil samples HR-130Q-DEP01, HR-130Q-DEP02, HR-130Q-DEP03, and HR-130Q-DEP04, respectively, were collected at those locations.	None. Depositional soil samples were collected at the proposed surface water and sediment sample locations and provided data sufficient to determine the presence or absence of contamination.
Monitoring wells HR-130Q-MW01, HR-130Q-MW02, HR-130Q-MW03, and HR-130Q-MW04 were relocated from their proposed locations.	Monitoring wells HR-130Q-MW01 and HR-130Q-MW02 were proposed on a slope inaccessible to the drill rig. Both monitoring wells were relocated on a flat surface adjacent to Yahou Lake. The SSFSP inadvertently located monitoring well HR-130Q-MW03 adjacent to background well BK-YAHOU. HR-130Q-MW03 was relocated approximately 360 feet northwest of the proposed location and nearer Yahou Lake. Several unsuccessful attempts were made to install HR-130Q-MW04 with a hollow-stem auger drill rig at the proposed location; therefore, the well was relocated approximately 110 feet south of the proposed location. Hollow-stem auger refusal was encountered prior to reaching groundwater at that location and an air-rotary drill rig was used to install the well at the off-set location.	None. The wells were successfully installed and provided data sufficient to characterize the site.
Five additional groundwater monitoring wells (HR-130Q-MW06, HR-130Q-MW07, HR-130Q-MW08, HR-130Q-MW09, and HR-130Q-MW10) were installed at Yahou Lake.	The BCT decided to install four additional residuum wells and one bedrock well (HR-130Q-MW06) to more accurately delineate the horizontal and vertical extent of VOCs detected in HR-130Q-MW05. However, bedrock was not encountered during drilling at HR-130Q-MW06 and five residuum wells were installed.	None. The wells were installed to delineate the horizontal and vertical extent of VOCs in groundwater. Monitoring well HR-130Q-MW06 was installed at a sufficient depth to determine the vertical extent of VOCs in the vicinity of HR-130Q-MW05.
Proposed bedrock well HR-130Q-MW06 was relocated approximately 55 feet northwest of its proposed location.	Well HR-130Q-MW06 was proposed to be installed near existing residuum well HR-130Q-MW05 to determine the vertical extent of VOCs in groundwater. However, because the drilling equipment to install HR-130Q-MW06 was larger than the equipment used to install HR-130Q-MW05, the proposed well location was inaccessible due to overhead power lines. Therefore, the bedrock well was relocated approximately 55 feet northwest and further downgradient of HR-130Q-MW05.	None. The well was installed downgradient of HR-130Q-MW05 to determine the vertical extent of VOCs in groundwater.
Wells HR-130Q-MW02 and BK-YAHOU were not sampled during the Phase III sampling event in October 2002.	The wells were dry in October 2002 and did not produce enough water to purge and sample during subsequent sampling attempts.	Minimal. Nine of the eleven existing groundwater monitoring wells at the site were sampled and provided sufficient areal coverage to characterize groundwater quality at the site.

BCT - BRAC Cleanup Team
SFSP - Site-Specific Field Sampling Plan.

4.0 Site Characterization

Subsurface investigations performed at the Former Mock Village at Yahou Lake, Parcel 130Q-X, provided soil, geologic, and groundwater data used to characterize the geology and hydrogeology of the site.

4.1 Regional and Site Geology

4.1.1 Regional Geology

Calhoun County includes parts of two physiographic provinces: the Piedmont Upland Province and the Valley and Ridge Province. The Piedmont Upland Province occupies the extreme eastern and southeastern portions of the county and is characterized by metamorphosed sedimentary rocks. The generally accepted range in age of these metamorphics is Cambrian to Devonian.

The majority of Calhoun County, including the Main Post of FTMC, lies within the Appalachian fold-and-thrust structural belt (Valley and Ridge Province) where southeastward-dipping thrust faults with associated minor folding are the predominant structural features. The fold-and-thrust belt consists of Paleozoic sedimentary rocks that have been asymmetrically folded and thrust-faulted, with major structures and faults striking in a northeast-southwest direction.

Northwestward transport of the Paleozoic rock sequence along the thrust faults has resulted in the imbricate stacking of large slabs of rock referred to as thrust sheets. Within an individual thrust sheet, smaller faults may splay off the larger thrust fault, resulting in imbricate stacking of rock units within an individual thrust sheet (Osborne and Szabo, 1984). Geologic contacts in this region generally strike parallel to the faults, and repetition of lithologic units is common in vertical sequences. Geologic formations within the Valley and Ridge Province portion of Calhoun County have been mapped by Warman and Causey (1962), Osborne and Szabo (1984), and Moser and DeJarnette (1992) and vary in age from Lower Cambrian to Pennsylvanian.

The basal unit of the sedimentary sequence in Calhoun County is the Cambrian Chilhowee Group. The Chilhowee Group consists of the Cochran, Nichols, Wilson Ridge, and Weisner Formations (Osborne and Szabo, 1984), but in Calhoun County it is either undifferentiated or divided into the Cochran and Nichols Formations and an upper, undifferentiated Wilson Ridge and Weisner Formation. The Cochran is composed of poorly sorted arkosic sandstone and

conglomerate with interbeds of greenish gray siltstone and mudstone. Massive to laminated greenish gray and black mudstone makes up the Nichols Formation, with thin interbeds of siltstone and very fine-grained sandstone (Osborne et al., 1988). These two formations are mapped only in the eastern part of the county.

The Wilson Ridge and Weisner Formations are undifferentiated in Calhoun County and consist of both coarse-grained and fine-grained clastics. The coarse-grained facies appears to dominate the unit and consists primarily of coarse-grained, vitreous quartzite and friable, fine- to coarse-grained, orthoquartzitic sandstone, both of which locally contain conglomerate. The fine-grained facies consists of sandy and micaceous shale and silty, micaceous mudstone, which are locally interbedded with the coarse clastic rocks. The abundance of orthoquartzitic sandstone and quartzite suggests that most of the Chilhowee Group bedrock in the vicinity of FTMC belongs to the Weisner Formation (Osborne and Szabo, 1984).

The Cambrian Shady Dolomite overlies the Weisner Formation northeast, east, and southwest of the Main Post and consists of interlayered bluish gray or pale yellowish gray sandy dolomitic limestone and siliceous dolomite with coarsely crystalline, porous chert (Osborne et al., 1989). A variegated shale and clayey silt have been included within the lower part of the Shady Dolomite (Cloud, 1966). Material similar to this lower shale unit was noted in core holes drilled by the Alabama Geologic Survey on FTMC (Osborne and Szabo, 1984). The character of the Shady Dolomite in the FTMC vicinity and the true assignment of the shale at this stratigraphic interval are still uncertain (Osborne, 1999).

The Rome Formation overlies the Shady Dolomite and locally occurs to the northwest and southeast of the Main Post, as mapped by Warman and Causey (1962) and Osborne and Szabo (1984), and immediately to the west of Reilly Airfield (Osborne and Szabo, 1984). The Rome Formation consists of variegated, thinly interbedded grayish red-purple mudstone, shale, siltstone, and greenish red and light gray sandstone, with locally occurring limestone and dolomite. Weaver Cave, located approximately one mile west of the northwest boundary of the Main Post, is situated in gray dolomite and limestone mapped as the Rome Formation (Osborne et al., 1997). The Conasauga Formation overlies the Rome Formation and occurs along anticlinal axes in the northeastern portion of Pelham Range (Warman and Causey, 1962; Osborne and Szabo, 1984) and the northern portion of the Main Post (Osborne et al., 1997). The Conasauga Formation is composed of dark gray, finely to coarsely crystalline, medium- to thick-bedded dolomite with minor shale and chert (Osborne et al., 1989).

Overlying the Conasauga Formation is the Knox Group, which is composed of the Copper Ridge and Chepultepec dolomites of Cambro-Ordovician age. The Knox Group is undifferentiated in Calhoun County and consists of light medium gray, fine to medium crystalline, variably bedded to laminated, siliceous dolomite and dolomitic limestone that weather to a chert residuum (Osborne and Szabo, 1984). The Knox Group underlies a large portion of the Pelham Range area.

The Ordovician Newala and Little Oak Limestones overlie the Knox Group. The Newala Limestone consists of light to dark gray, micritic, thick-bedded limestone with minor dolomite. The Little Oak Limestone is comprised of dark gray, medium- to thick-bedded, fossiliferous, argillaceous to silty limestone with chert nodules. These limestone units are mapped as undifferentiated at FTMC and in other parts of Calhoun County. The Athens Shale overlies the Ordovician limestone units. The Athens Shale consists of dark gray to black shale and graptolitic shale with localized interbedded dark gray limestone (Osborne et al., 1989). These units occur within an eroded "window" in the uppermost structural thrust sheet at FTMC and underlie much of the developed area of the Main Post.

Other Ordovician-aged bedrock units mapped in Calhoun County include the Greensport Formation, Colvin Mountain Sandstone, and Sequatchie Formation. These units consist of various siltstones, sandstones, shales, dolomites, and limestones and are mapped as one, undifferentiated unit in some areas of Calhoun County. The only Silurian-age sedimentary formation mapped in Calhoun County is the Red Mountain Formation. This unit consists of interbedded red sandstone, siltstone, and shale with greenish gray to red silty and sandy limestone.

The Devonian Frog Mountain Sandstone consists of sandstone and quartzitic sandstone with shale interbeds, dolomudstone, and glauconitic limestone (Osborne, et al., 1988). This unit locally occurs in the western portion of Pelham Range.

The Mississippian Fort Payne Chert and the Maury Formation overlie the Frog Mountain Sandstone and are composed of dark to light gray limestone with abundant chert nodules and greenish gray to grayish red phosphatic shale, with increasing amounts of calcareous chert towards the upper portion of the formation (Osborne and Szabo, 1984). These units occur in the northwestern portion of Pelham Range. Overlying the Fort Payne Chert is the Floyd Shale, also

of Mississippian age, which consists of thin-bedded, fissile brown to black shale with thin intercalated limestone layers and interbedded sandstone. Osborne and Szabo (1984) reassigned the Floyd Shale, which was mapped by Warman and Causey (1962) on the Main Post of FTMC, to the Ordovician Athens Shale based on fossil data.

The Pennsylvanian Parkwood Formation overlies the Floyd Shale and consists of a medium to dark gray, silty clay, shale, and mudstone with interbedded light to medium gray, very fine to fine grained, argillaceous, micaceous sandstone. Locally the Parkwood Formation also contains beds of medium to dark gray, argillaceous, bioclastic to cherty limestone and beds of clayey coal up to a few inches thick (Raymond et al., 1988). The Parkwood Formation in Calhoun County is generally found within a structurally complex area known as the Coosa deformed belt. In the deformed belt, the Parkwood Formation and Floyd Shale are mapped as undifferentiated because their lithologic similarity and significant deformation make it impractical to map the contact (Thomas and Drahovzal, 1974; Osborne et al., 1988). The undifferentiated Parkwood Formation and Floyd Shale are found throughout the western quarter of Pelham Range.

The Jacksonville thrust fault is the most significant structural geological feature in the vicinity of the Main Post of FTMC, both for its role in determining the stratigraphic relationships in the area and for its contribution to regional water supplies. The trace of the fault extends northeastward for approximately 39 miles between Bynum, Alabama, and Piedmont, Alabama. The fault is interpreted as a major splay of the Pell City fault (Osborne and Szabo, 1984). The Ordovician sequence that makes up the Eden thrust sheet is exposed at FTMC through an eroded window, or fenster, in the overlying thrust sheet. Rocks within the window display complex folding, with the folds being overturned and tight to isoclinal. The carbonates and shales locally exhibit well-developed cleavage (Osborne and Szabo, 1984). The FTMC window is framed on the northwest by the Rome Formation; north by the Conasauga Formation; northeast, east, and southwest by the Shady Dolomite; and southeast and southwest by the Chilhowee Group (Osborne et al., 1997). Two small klippen of the Shady Dolomite, bounded by the Jacksonville fault, have been recognized adjacent to the Pell City fault at the FTMC window (Osborne et al., 1997).

The Pell City fault serves as a fault contact between the bedrock within the FTMC window and the Rome and Conasauga Formations. The trace of the Pell City fault is also exposed approximately nine miles west of the FTMC window on Pelham Range, where it traverses northeast to southwest across the western quarter of Pelham Range. Here, the trace of the Pell City fault marks the boundary between the Pell City thrust sheet and the Coosa deformed belt.

The eastern three-quarters of Pelham Range is located within the Pell City thrust sheet, while the remaining western quarter of Pelham Range is located within the Coosa deformed belt. The Pell City thrust sheet is a large-scale thrust sheet containing Cambrian and Ordovician rocks and is relatively less structurally complex than the Coosa deformed belt (Thomas and Neathery, 1982). The Pell City thrust sheet is exposed between the traces of the Jacksonville and Pell City faults along the western boundary of the FTMC window and along the trace of the Pell City fault on Pelham Range (Thomas and Neathery, 1982; Osborne et al., 1988). The Coosa deformed belt is a narrow northeast-to-southwest-trending linear zone of complex structure (approximately 5 to 20 miles wide and approximately 90 miles in length) consisting mainly of thin imbricate thrust slices. The structure within these imbricate thrust slices is often internally complicated by small-scale folding and additional thrust faults (Thomas and Drahovzal, 1974).

4.1.2 Site Geology

Soils at Parcel 130Q-X are mapped as the Stony Rough Land, Sandstone (U.S. Department of Agriculture [USDA], 1961). This mapping unit consists of rough mountainous areas with many outcrops of sandstone and quartzite bedrock, loose rock fragments, and scattered patches of sandy soil material. Slopes are generally greater than 25 percent, with high runoff, and slow infiltration. The soil material is generally shallower over bedrock (USDA, 1961).

As shown on Figure 4-1, bedrock at the site is within a large area mapped as the undifferentiated Chilhowee Group (Osborne et al., 1997). The Chilhowee Group consists of the Cochran, Nichols, Wilson Ridge, and Weisner Formations (Raymond et al., 1988). These undifferentiated units are composed of a conglomerate and discontinuous mudstone, overlain by a thick sequence of greenish-gray mudstone with minor siltstone and very fine-grained sandstone. The sequence grades upward into white to moderate-reddish-orange orthoquartzitic fine to very coarse grained, friable sandstone and conglomerate containing interbedded gray silty mudstone (Raymond et al., 1988). An inferred fault, trending northwest to southeast, transects the southwestern corner of the parcel as shown on Figure 4-1. The relative movement of the inferred fault is unknown (Osborne et al., 1997).

A geologic cross section was constructed using the hollow-stem auger boring data collected at Parcel 130Q-X, as shown on Figure 4-2 (the geologic cross section location is shown on Figure 3-3). The residuum at Parcel 130Q-X consists of predominantly reddish-orange to brown clay and off-white to pinkish-tan sand. The clays and sands encountered at the site contained varying amounts of silt, sandstone conglomerate, siltstone gravel, sandstone gravel, and mudstone gravel.

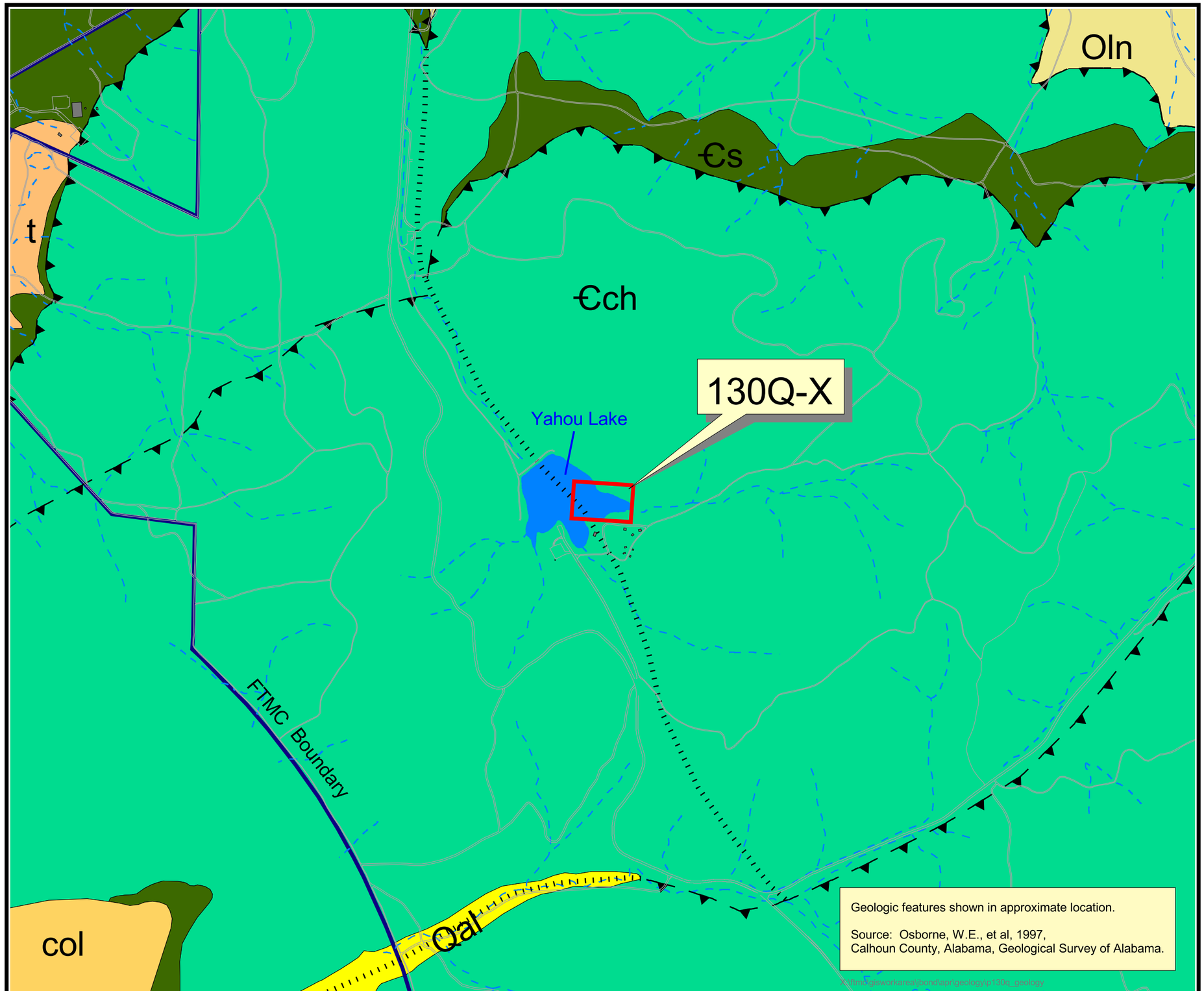


Figure 4-1

Site Geologic Map

Former Mock Village at
Yahou Lake, Parcel 130Q-X
Fort McClellan, Alabama

Legend

- Parcel Boundary
- Roads
- Surface Drainage Feature (dashed where intermittent)
- FTMC Boundary
- Lake
- Building

Geology

- Qal — Quaternary - Alluvium
- col — Colluvium - Age Unknown
- t — Terrace Deposit - Age Unknown
- Oln — Ordovician - Little Oak and Newala Limestones, undifferentiated
- Ꞓs — Cambrian - Shady Dolomite
- Ꞓch — Cambrian - Chilhowee Group, undifferentiated
- Thrust Fault (dashed where inferred; barbs on upper plate)
- Inferred Fault

1000 0 1000 Feet

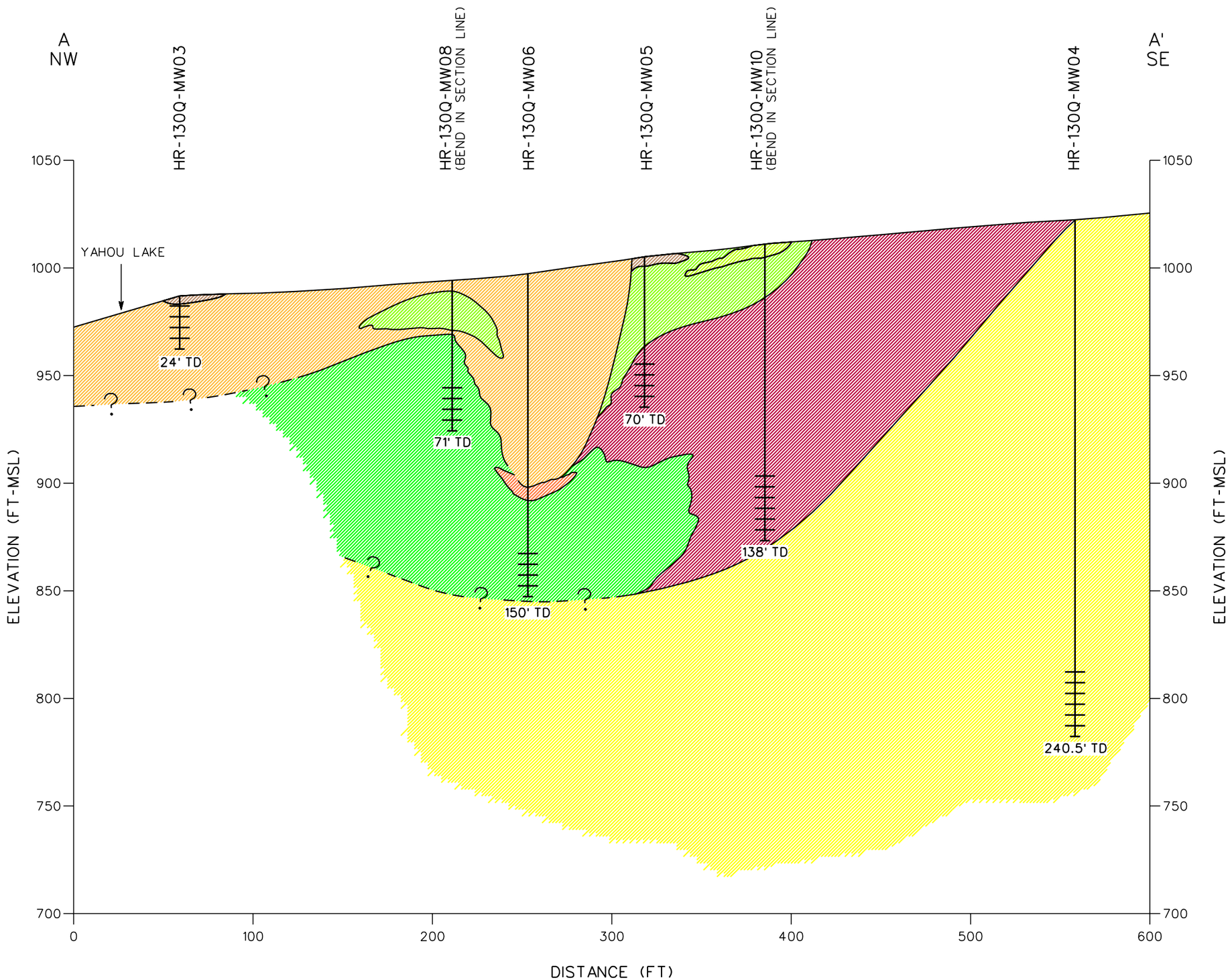
NAD83 State Plane Coordinates

N

Shaw Environmental, Inc.

U.S. Army Corps of Engineers
Mobile District

Contract No. DACA21-96-D-0018



LEGEND

- SCREEN INTERVAL
- TD — TOTAL DEPTH (FEET BELOW GROUND SURFACE)
- — ? — CONTACT DASHED WHERE INFERRED
- SAND
- SANDSTONE
- SAND, LITTLE SILT
- SILT
- CLAY, LITTLE SAND
- CLAY, LITTLE SILT
- CLAY, WITH SANDSTONE AND SILTSTONE GRAVEL
- CLAY AND SILT

NOTES:

1. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
2. DASHED WHERE INFERRED.
3. SEE FIGURE 3-3 FOR CROSS SECTION LOCATION.

HORIZONTAL

0 60 120 FEET

VERTICAL

0 50 100 FEET

FIGURE 4-2

GEOLOGIC CROSS SECTION A-A'
FORMER MOCK VILLAGE AT
YAHOU LAKE
PARCEL 130Q-X

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Shaw Environmental, Inc.

DWG. NO.: ...\796887es.763	INITIATOR: N. BADON	DRAFT. CHCK. BY:	DATE LAST REV.:
PROJ. NO.: 796887	PROJ. MGR.: J. YACOUB	ENGR. CHCK. BY: S. MORAN	DRAWN BY:
STARTING DATE: 05/05/03	DRAWN BY: D. BOMAR		
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The soil descriptions recorded on the boring logs (Appendix B) are consistent with the mapped Stony Rough Land, Sandstone. Competent bedrock was not encountered during drilling at the site.

4.2 Site Hydrology

4.2.1 Surface Hydrology

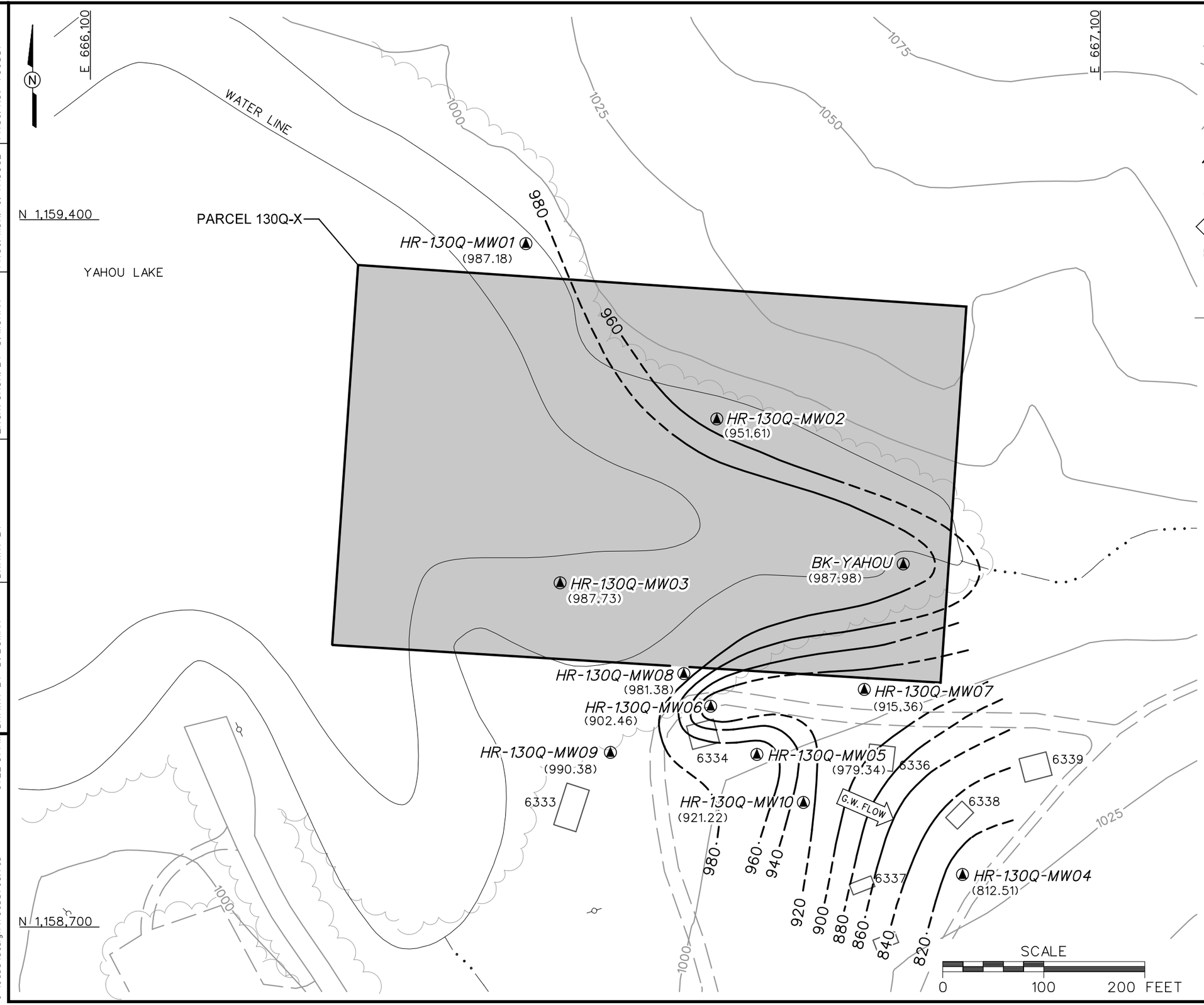
Precipitation in the form of rainfall averages about 53 inches annually in Anniston, Alabama, with infiltration rates annually exceeding evapotranspiration rates (U.S. Department of Commerce, 1998). The major surface water features at the Main Post of FTMC include Remount Creek, Cane Creek, and Cave Creek. These waterways flow in a general northwest to westerly direction towards the Coosa River on the western boundary of Calhoun County.

Surface runoff at the site follows the topography and flows into Yahou Lake from all directions. During the wet season, several intermittent streams flow into the lake from the east, south, and southwest. From Yahou Lake, overflow water drains into Remount Creek at the northern tip of the lake and flows north-northwest.

4.2.2 Hydrogeology

Static groundwater levels were measured in monitoring wells at the site in April 2002 and in December 2002, as summarized in Table 3-4. Groundwater elevations were calculated by measuring the depth to groundwater relative to the surveyed top-of-casing elevations, following procedures outlined in the SAP. Groundwater elevation maps were constructed using the April 2002 and December 2002 data and are shown on Figures 4-3 and 4-4, respectively. Groundwater flow at the site is generally to the east and southeast, opposite of site topography. This suggests that groundwater flow in the residuum aquifer is not hydraulically connected to the lake and that Yahou Lake may be perched on an impermeable clay lens supplied by intermittent streams.

Static groundwater levels summarized in Table 3-4 are at shallower depths than the depth to groundwater encountered during drilling in monitoring wells HR-130Q-MW01 through HR-130Q-MW05 and in HR-130Q-MW09. This indicates that groundwater in residuum is generally under confined to semi-confined conditions in these wells. Static groundwater levels in monitoring wells HR-130Q-MW06, HR-130Q-MW07, HR-130Q-MW08, and HR-130Q-MW10 are at the same level or deeper than the depth to groundwater encountered during drilling. This indicates that groundwater is generally under unconfined conditions in these wells.



LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (987.18) GROUNDWATER ELEVATION (FT MSL) (APRIL 16, 2002)
- G.W. FLOW GROUNDWATER FLOW DIRECTION
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- UTILITY POLE
- MONITORING WELL LOCATION

FIGURE 4-3
GROUNDWATER ELEVATION MAP
APRIL 2002
FORMER MOCK VILLAGE AT
YAHOU LAKE
PARCEL 130Q-X

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Shaw Environmental, Inc.

DWG. NO.: ...\796887es.765	INITIATOR: N. BADON	DRAFT. CHCK. BY:	DATE LAST REV.:
PROJ. NO.: 796887	PROJ. MGR.: J. YACOUB	ENGR. CHCK. BY: S. MORAN	DRAWN BY:
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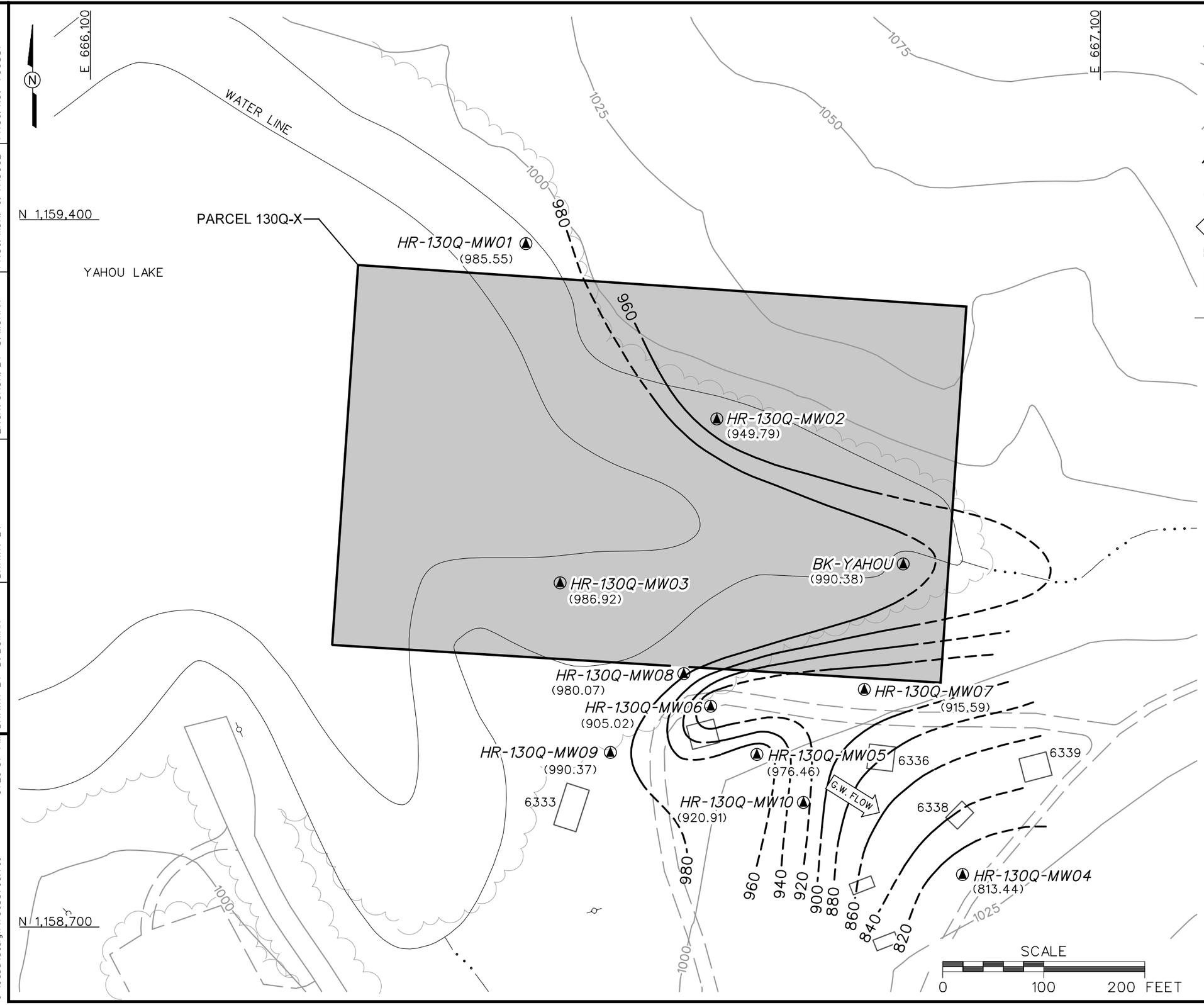

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (985.55) GROUNDWATER ELEVATION (FT MSL) (DECEMBER 17, 2002)
- G.W. FLOW GROUNDWATER FLOW DIRECTION
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- UTILITY POLE
- MONITORING WELL LOCATION

FIGURE 4-4
GROUNDWATER ELEVATION MAP
DECEMBER 2002
FORMER MOCK VILLAGE AT
YAHOU LAKE
PARCEL 130Q-X

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Shaw™ Shaw Environmental, Inc.

DWG. NO.: ...\796887es.766	INITIATOR: N. BADON	DRAFT. CHCK. BY:	DATE LAST REV.:
PROJ. NO.: 796887	PROJ. MGR.: J. YACOUB	ENGR. CHCK. BY: S. MORAN	DRAWN BY:
STARTING DATE: 05/05/03	DRAWN BY: D. BOMAR		
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5.0 Summary of Analytical Results

The results of chemical analysis of the samples collected at the Former Mock Village at Yahou Lake, Parcel 130Q-X, indicate that metals and VOCs were detected in site media. SVOCs and explosive compounds were not detected in any of the samples collected. To evaluate whether the detected constituents present an unacceptable risk to human health and the environment, the analytical results were compared to human health SSSLs and ESVs for FTMC. The SSSLs and ESVs were developed for human health and ecological risk evaluations as part of the ongoing SIs being performed under the BRAC Environmental Restoration Program at FTMC. Metals results exceeding the SSSLs and ESVs were subsequently compared to metals background screening values to determine if the metals concentrations are within natural background concentrations (SAIC, 1998).

The following sections and Tables 5-1 through 5-7 summarize the results of the comparison of detected constituent concentrations to the SSSLs, ESVs, and background screening values. Complete analytical results are presented in Appendix F.

5.1 Surface and Depositional Soil Analytical Results

Five surface soil samples and four depositional soil samples were collected for chemical analysis during the Phase I investigation at Parcel 130Q-X. Surface soil samples were collected from the uppermost foot of soil and depositional soil samples were collected from the upper six inches of soil at the locations shown on Figure 3-1. Analytical results were compared to residential human health SSSLs, ESVs, and metals background screening values, as presented in Table 5-1.

Metals. A total of 21 metals were detected in the surface and depositional soil samples. The concentrations of four metals (aluminum, arsenic, chromium, and iron) exceeded their respective SSSLs. The metals concentrations were below their respective background values with the exception of aluminum (23,100 milligrams per kilogram [mg/kg]), which exceeded its SSSL (7,803 mg/kg) and background (16,306 mg/kg) at one sample location (HR-130Q-MW01).

Seven metals were detected at concentrations exceeding ESVs: aluminum, chromium, iron, manganese, selenium, vanadium, and zinc. Of these, the following metals results also exceeded their respective background values in one or more samples:

Table 5-1

Surface and Depositional Soil Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date					HR-130Q-DEP01 YP0013 15-Jan-01					HR-130Q-DEP02 YP0014 15-Jan-01					HR-130Q-DEP03 YP0015 15-Jan-01				
Parameter	Units	BKG[a]	SSSL[b]	ESV[b]	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	6.95E+03				YES	7.06E+03				YES	7.73E+03				YES
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	1.50E+00			YES		1.11E+00	J		YES		1.93E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	6.98E+01					3.81E+01					3.60E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	6.87E-01	J				5.74E-01	J				5.16E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					2.48E-01	J			
Calcium	mg/kg	1.72E+03	NA	NA	2.44E+02					1.48E+02					1.23E+02	J			
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	6.36E+00				YES	7.29E+00				YES	9.48E+00				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	2.39E+00	J				ND					1.17E+00	J			
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	4.83E+00					4.05E+00					6.24E+00				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	5.98E+03			YES	YES	5.29E+03			YES	YES	8.40E+03			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.51E+01					1.44E+01					1.79E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	2.61E+02					1.88E+02					1.80E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	8.78E+01					1.83E+01					4.00E+01	J			
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	3.50E-02	J				3.70E-02	J				2.60E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	2.84E+00	B				1.08E+00	B				1.09E+00	B			
Potassium	mg/kg	8.00E+02	NA	NA	3.09E+02	J				1.86E+02	J				1.77E+02	J			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	7.39E-01	J	YES			9.83E-01	J	YES		YES	ND				
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					ND					9.87E-01	B	YES		
Sodium	mg/kg	6.34E+02	NA	NA	2.52E+01	J				2.68E+01	J				3.03E+01	J			
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	9.62E+00				YES	1.03E+01				YES	1.54E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.18E+01	J				8.32E+00	J				3.13E+01	J			
TOTAL ORGANIC CARBON																			
Total Organic Carbon	mg/kg	NA	NA	NA	1.23E+02					9.97E+01					8.97E+01				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	1.50E-02	J				1.50E-02	J				1.30E-02	J			
Acetone	mg/kg	NA	7.76E+02	2.50E+00	2.20E-01	J				2.60E-01	J				1.50E-01	J			
Carbon disulfide	mg/kg	NA	7.77E+02	9.00E-02	ND					ND					ND				
Methylene chloride	mg/kg	NA	8.41E+01	2.00E+00	3.40E-03	B				2.70E-03	B				1.50E-03	B			
Toluene	mg/kg	NA	1.55E+03	5.00E-02	4.30E-04	J				ND					ND				
p-Cymene	mg/kg	NA	1.55E+03	NA	ND					ND					ND				

Table 5-1

Surface and Depositional Soil Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date					HR-130Q-DEP04 YP0018 15-Jan-01					HR-130Q-MW01 YP0001 3-Oct-00					HR-130Q-MW02 YP0003 3-Oct-00				
Parameter	Units	BKG[a]	SSSL[b]	ESV[b]	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	8.89E+03			YES	YES	2.31E+04		YES	YES	YES	1.07E+04			YES	YES
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.25E+00			YES		3.98E+00			YES		1.89E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	5.99E+01					3.13E+01					9.53E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	6.24E-01	J				2.84E-01	J				4.36E-01	J			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	1.15E+02	J				3.55E+02					8.71E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.29E+01				YES	2.47E+01			YES	YES	1.31E+01				YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	1.93E+00	J				1.64E+00	B				3.15E+00				
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	5.21E+00					7.77E+00					4.78E+00				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	9.45E+03			YES	YES	1.75E+04			YES	YES	7.92E+03			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	1.76E+01					8.78E+00					1.05E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	2.47E+02					5.58E+02					3.78E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	5.55E+01					3.36E+01					1.33E+02				YES
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	2.60E-02	J				7.40E-02	J				2.40E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	2.99E+00	B				1.10E+01	J	YES			9.12E+00	J			
Potassium	mg/kg	8.00E+02	NA	NA	3.72E+02	J				5.90E+02	B				3.79E+02	B			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	5.71E-01	J	YES			9.62E-01	B	YES		YES	5.59E-01	B	YES		
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	ND					8.30E-01	B	YES			ND				
Sodium	mg/kg	6.34E+02	NA	NA	2.72E+01	J				2.95E+01	J				4.07E+01	J			
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.90E+01				YES	2.94E+01				YES	1.35E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	1.24E+01	J				1.58E+01	J				1.64E+01	J			
TOTAL ORGANIC CARBON																			
Total Organic Carbon	mg/kg	NA	NA	NA	1.12E+02					NR					NR				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	9.20E-03	J				ND					ND				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	8.70E-02	J				ND					6.00E-02	J			
Carbon disulfide	mg/kg	NA	7.77E+02	9.00E-02	ND					2.10E-03	J				ND				
Methylene chloride	mg/kg	NA	8.41E+01	2.00E+00	2.30E-03	B				ND					3.10E-03	B			
Toluene	mg/kg	NA	1.55E+03	5.00E-02	5.50E-04	J				ND					ND				
p-Cymene	mg/kg	NA	1.55E+03	NA	ND					ND					ND				

Table 5-1

Surface and Depositional Soil Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location					HR-130Q-MW03					HR-130Q-MW04					HR-130Q-MW05				
Sample Number					YP0005					YP0009					YP0011				
Sample Date					3-Oct-00					3-Oct-00					3-Oct-00				
Parameter	Units	BKG[a]	SSSL[b]	ESV[b]	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS																			
Aluminum	mg/kg	1.63E+04	7.80E+03	5.00E+01	1.20E+04			YES	YES	1.32E+04			YES	YES	1.22E+04			YES	YES
Arsenic	mg/kg	1.37E+01	4.26E-01	1.00E+01	2.96E+00			YES		3.99E+00			YES		3.02E+00			YES	
Barium	mg/kg	1.24E+02	5.47E+02	1.65E+02	6.48E+01					4.90E+01					4.77E+01				
Beryllium	mg/kg	8.00E-01	9.60E+00	1.10E+00	3.87E-01	B				4.06E-01	B				3.61E-01	B			
Cadmium	mg/kg	2.90E-01	6.25E+00	1.60E+00	ND					ND					ND				
Calcium	mg/kg	1.72E+03	NA	NA	2.33E+02					1.35E+02					3.08E+02				
Chromium	mg/kg	3.70E+01	2.32E+01	4.00E-01	1.21E+01				YES	2.31E+01				YES	2.52E+01			YES	YES
Cobalt	mg/kg	1.52E+01	4.68E+02	2.00E+01	3.66E+00	B				3.03E+00	B				2.53E+00	B			
Copper	mg/kg	1.27E+01	3.13E+02	4.00E+01	4.56E+00					4.31E+00					4.80E+00				
Iron	mg/kg	3.42E+04	2.34E+03	2.00E+02	8.58E+03			YES	YES	2.13E+04			YES	YES	1.52E+04			YES	YES
Lead	mg/kg	4.01E+01	4.00E+02	5.00E+01	8.61E+00					9.17E+00					1.26E+01				
Magnesium	mg/kg	1.03E+03	NA	4.40E+05	4.50E+02					3.81E+02					4.80E+02				
Manganese	mg/kg	1.58E+03	3.63E+02	1.00E+02	1.04E+02				YES	1.61E+02				YES	7.76E+01				
Mercury	mg/kg	8.00E-02	2.33E+00	1.00E-01	ND					2.40E-02	J				2.80E-02	J			
Nickel	mg/kg	1.03E+01	1.54E+02	3.00E+01	8.82E+00	J				8.66E+00	J				9.41E+00	J			
Potassium	mg/kg	8.00E+02	NA	NA	3.42E+02	B				3.64E+02	B				2.81E+02	B			
Selenium	mg/kg	4.80E-01	3.91E+01	8.10E-01	ND					1.04E+00	B	YES		YES	7.93E-01	B	YES		
Silver	mg/kg	3.60E-01	3.91E+01	2.00E+00	4.88E-01	B	YES			9.95E-01	B	YES			5.78E-01	B	YES		
Sodium	mg/kg	6.34E+02	NA	NA	2.72E+01	J				3.00E+01	J				2.32E+01	J			
Vanadium	mg/kg	5.88E+01	5.31E+01	2.00E+00	1.62E+01				YES	2.80E+01				YES	1.87E+01				YES
Zinc	mg/kg	4.06E+01	2.34E+03	5.00E+01	6.94E+01	J	YES		YES	1.38E+01	J				6.93E+01	J	YES		YES
TOTAL ORGANIC CARBON																			
Total Organic Carbon	mg/kg	NA	NA	NA	NR					NR					NR				
VOLATILE ORGANIC COMPOUNDS																			
2-Butanone	mg/kg	NA	4.66E+03	8.96E+01	ND					ND					3.70E-02				
Acetone	mg/kg	NA	7.76E+02	2.50E+00	4.90E-02	J				1.10E-01	J				3.00E-01	J			
Carbon disulfide	mg/kg	NA	7.77E+02	9.00E-02	ND					ND					ND				
Methylene chloride	mg/kg	NA	8.41E+01	2.00E+00	2.80E-03	B				1.70E-03	B				1.50E-03	B			
Toluene	mg/kg	NA	1.55E+03	5.00E-02	ND					1.50E-03	J				3.30E-03	J			
p-Cymene	mg/kg	NA	1.55E+03	NA	ND					ND					4.30E-02				

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods.

[a] BKG - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in SAIC, 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama* , July.

[b] Residential human health site-specific screening level (SSSL) and ecological screening value (ESV) as given in IT, 2000, *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama* , July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit.

J - Compound was positively identified; reported value is an estimated concentration.

mg/kg - Milligrams per kilogram.

NA - Not available.

ND - Not detected.

NR - Not requested.

Qual - Data validation qualifier.

Table 5-2

Subsurface Soil Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date Sample Depth (Feet)				HR-130Q-MW01 YP0002 3-Oct-00 10 - 12				HR-130Q-MW02 YP0004 3-Oct-00 1 - 2				HR-130Q-MW03 YP0006 3-Oct-00 6 - 9			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
METALS															
Aluminum	mg/kg	1.36E+04	7.80E+03	5.60E+03				1.24E+04			YES	7.40E+03			
Arsenic	mg/kg	1.83E+01	4.26E-01	1.43E+00	B		YES	3.79E+00			YES	1.74E+00			YES
Barium	mg/kg	2.34E+02	5.47E+02	1.18E+01				3.78E+02		YES		1.79E+01			
Beryllium	mg/kg	8.60E-01	9.60E+00	7.13E-02	B			5.52E-01	J			1.33E-01	B		
Calcium	mg/kg	6.37E+02	NA	3.07E+01	J			1.90E+02				1.15E+02			
Chromium	mg/kg	3.83E+01	2.32E+01	1.14E+01				1.71E+01				1.36E+01			
Cobalt	mg/kg	1.75E+01	4.68E+02	1.39E+00	B			5.11E+00				1.11E+00	B		
Copper	mg/kg	1.94E+01	3.13E+02	1.82E+00	J			6.49E+00				3.42E+00			
Iron	mg/kg	4.48E+04	2.34E+03	3.96E+03			YES	2.12E+04			YES	8.33E+03			YES
Lead	mg/kg	3.85E+01	4.00E+02	3.66E+00				1.11E+01				4.80E+00			
Magnesium	mg/kg	7.66E+02	NA	1.23E+02				3.67E+02				2.57E+02			
Manganese	mg/kg	1.36E+03	3.63E+02	8.79E+00				8.60E+02			YES	6.27E+01			
Mercury	mg/kg	7.00E-02	2.33E+00	3.60E-02	J			ND				ND			
Nickel	mg/kg	1.29E+01	1.54E+02	6.21E+00	J			1.06E+01	J			6.57E+00	J		
Potassium	mg/kg	7.11E+02	NA	2.19E+02	B			4.34E+02	B			3.81E+02	B		
Selenium	mg/kg	4.70E-01	3.91E+01	9.02E-01	B	YES		1.17E+00	B	YES		ND			
Silver	mg/kg	2.40E-01	3.91E+01	ND				8.15E-01	B	YES		4.75E-01	B	YES	
Sodium	mg/kg	7.02E+02	NA	2.65E+01	J			2.72E+01	J			4.14E+01	J		
Thallium	mg/kg	1.40E+00	5.08E-01	ND				ND				ND			
Vanadium	mg/kg	6.49E+01	5.31E+01	1.06E+01				2.42E+01				1.28E+01			
Zinc	mg/kg	3.49E+01	2.34E+03	2.90E+00	J			1.33E+01	J			2.12E+01	J		
VOLATILE ORGANIC COMPOUNDS															
Acetone	mg/kg	NA	7.76E+02	ND				1.00E-01	J			ND			
Carbon disulfide	mg/kg	NA	7.77E+02	1.10E-02	J			ND				3.80E-03	J		
Cis-1,2-Dichloroethene	mg/kg	NA	7.77E+01	ND				ND				1.40E-03	J		
Methylene chloride	mg/kg	NA	8.41E+01	ND				1.40E-03	B			1.50E-03	B		

Table 5-2

Subsurface Soil Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date Sample Depth (Feet)				HR-130Q-MW04 YP0010 3-Oct-00 3 - 4				HR-130Q-MW05 YP0012 3-Oct-00 7 - 8			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
METALS											
Aluminum	mg/kg	1.36E+04	7.80E+03	3.41E+04		YES	YES	6.24E+03			
Arsenic	mg/kg	1.83E+01	4.26E-01	7.21E+00			YES	2.66E+00			YES
Barium	mg/kg	2.34E+02	5.47E+02	2.27E+01				1.97E+01			
Beryllium	mg/kg	8.60E-01	9.60E+00	7.17E-01	J			4.32E-01	B		
Calcium	mg/kg	6.37E+02	NA	5.00E+01	J			5.56E+01	J		
Chromium	mg/kg	3.83E+01	2.32E+01	3.50E+01			YES	1.40E+01			
Cobalt	mg/kg	1.75E+01	4.68E+02	2.04E+00	B			1.14E+00	B		
Copper	mg/kg	1.94E+01	3.13E+02	1.08E+01				4.71E+00			
Iron	mg/kg	4.48E+04	2.34E+03	4.01E+04			YES	1.26E+04			YES
Lead	mg/kg	3.85E+01	4.00E+02	9.89E+00				3.67E+00			
Magnesium	mg/kg	7.66E+02	NA	3.50E+02				2.58E+02			
Manganese	mg/kg	1.36E+03	3.63E+02	3.53E+01				3.70E+00			
Mercury	mg/kg	7.00E-02	2.33E+00	6.10E-02	J			ND			
Nickel	mg/kg	1.29E+01	1.54E+02	1.01E+01	J			7.75E+00	J		
Potassium	mg/kg	7.11E+02	NA	4.41E+02	B			3.32E+03		YES	
Selenium	mg/kg	4.70E-01	3.91E+01	1.77E+00	B	YES		ND			
Silver	mg/kg	2.40E-01	3.91E+01	1.33E+00	B	YES		ND			
Sodium	mg/kg	7.02E+02	NA	2.92E+01	J			5.03E+01	J		
Thallium	mg/kg	1.40E+00	5.08E-01	7.98E-01	J		YES	ND			
Vanadium	mg/kg	6.49E+01	5.31E+01	5.51E+01			YES	1.58E+01			
Zinc	mg/kg	3.49E+01	2.34E+03	1.67E+01	J			1.01E+01	J		
VOLATILE ORGANIC COMPOUNDS											
Acetone	mg/kg	NA	7.76E+02	2.80E-02	J			ND			
Carbon disulfide	mg/kg	NA	7.77E+02	ND				1.20E-02			
Cis-1,2-Dichloroethene	mg/kg	NA	7.77E+01	ND				ND			
Methylene chloride	mg/kg	NA	8.41E+01	1.40E-03	B			3.50E-03	B		

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods.

[a] BKG - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in SAIC, 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

[b] Residential human health site-specific screening level (SSSL) as given in IT, 2000, *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit.

J - Compound was positively identified; reported value is an estimated concentration.

mg/kg - Milligrams per kilogram.
NA - Not available.
ND - Not detected.
Qual - Data validation qualifier.

Table 5-3

Phase I Groundwater Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date				HR-130Q-MW01 YP3001 26-Jul-01				HR-130Q-MW02 YP3002 27-Jul-01				HR-130Q-MW03 YP3003 21-May-01				HR-130Q-MW04 YP3006 27-Jul-01				HR-130Q-MW05 YP3007 3-May-01			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
METALS																							
Aluminum	mg/L	2.34E+00	1.56E+00	1.28E+00				4.95E-02	J			ND				2.42E-01				5.84E-01			
Barium	mg/L	1.27E-01	1.10E-01	7.02E-03	J			3.60E-01		YES	YES	5.33E-03	J			5.41E-03	B			6.23E-03	J		
Calcium	mg/L	5.65E+01	NA	5.12E-01	B			1.65E+00				1.55E-01	B			1.07E+00				5.25E-01	B		
Cobalt	mg/L	2.34E-02	9.39E-02	1.44E-02	J			2.94E-02		YES		ND				ND				1.24E-02	J		
Iron	mg/L	7.04E+00	4.69E-01	4.69E-01	B			1.66E-01	B			ND				2.13E-01	B			2.13E-01			
Magnesium	mg/L	2.13E+01	NA	ND				3.60E-01	B			1.76E-01	B			2.28E-01	B			2.53E-01	B		
Manganese	mg/L	5.81E-01	7.35E-02	8.53E-03	B			3.11E+00		YES	YES	9.99E-03	J			9.56E-03	B			1.90E-02			
Nickel	mg/L	NA	3.13E-02	ND				3.22E-02			YES	ND				ND				ND			
Potassium	mg/L	7.20E+00	NA	1.30E+01		YES		3.58E+00	J			ND				ND				4.05E+00	J		
Silver	mg/L	4.00E-03	7.82E-03	4.89E-03	J	YES		ND				ND				ND				ND			
Sodium	mg/L	1.48E+01	NA	5.02E+00				2.41E+00				7.58E-01	J			1.14E+00				1.71E+00			
Zinc	mg/L	2.20E-01	4.69E-01	6.69E-03	B			9.75E-03	J			ND				3.22E-02				ND			
VOLATILE ORGANIC COMPOUNDS																							
1,1,2,2-Tetrachloroethane	mg/L	NA	2.04E-04	ND				ND				ND				ND				5.80E-01			YES
Acetone	mg/L	NA	1.56E-01	ND				ND				1.00E-02	J			ND				ND			
Chloroform	mg/L	NA	1.15E-03	ND				ND				ND				ND				1.40E-03	J		YES
Methylene chloride	mg/L	NA	7.85E-03	ND				ND				1.50E-03	B			ND				ND			
Toluene	mg/L	NA	2.59E-01	ND				ND				1.10E-02				ND				ND			
Trichloroethene	mg/L	NA	4.51E-03	ND				ND				1.20E-03	J			ND				1.00E-01			YES

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods.

[a] BKG - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in SAIC, 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama* , July.

[b] Residential human health site-specific screening level (SSSL) as given in IT, 2000, *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama* , July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit.

J - Compound was positively identified; reported value is an estimated concentration.

mg/L - Milligrams per liter.

NA - Not available.

ND - Not detected.

Qual - Data validation qualifier.

Table 5-4

Phase II Groundwater Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date				HR-130Q-MW03 YP3014 22-May-02				HR-130Q-MW06 YP3008 21-May-02				HR-130Q-MW07 YP3009 24-May-02			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
VOLATILE ORGANIC COMPOUNDS															
1,1,2,2-Tetrachloroethane	mg/L	NA	2.04E-04	ND				ND				ND			
Chloroform	mg/L	NA	1.15E-03	ND				ND				5.10E-04	J		
Methylene chloride	mg/L	NA	7.85E-03	ND				ND				ND			
Trichloroethene	mg/L	NA	4.51E-03	ND				ND				ND			

Sample Location Sample Number Sample Date				HR-130Q-MW08 YP3011 16-May-02				HR-130Q-MW09 YP3012 15-May-02				HR-130Q-MW10 YP3013 15-May-02			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
VOLATILE ORGANIC COMPOUNDS															
1,1,2,2-Tetrachloroethane	mg/L	NA	2.04E-04	4.20E-03			YES	ND				5.00E-03			YES
Chloroform	mg/L	NA	1.15E-03	3.80E-04	J			ND				ND			
Methylene chloride	mg/L	NA	7.85E-03	ND				ND				2.10E-04	B		
Trichloroethene	mg/L	NA	4.51E-03	6.50E-04	J			ND				1.10E-03			

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods.

[a] BKG - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in SAIC, 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

[b] Residential human health site-specific screening level (SSSL) as given in IT, 2000, *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit.

J - Compound was positively identified; reported value is an estimated concentration.

mg/L - Milligrams per liter.

NA - Not available.

ND - Not detected.

Qual - Data validation qualifier.

Table 5-5

Phase III Groundwater Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date				HR-130Q-MW01 YP3015 21-Oct-02				HR-130Q-MW03 YP3017 8-Oct-02				HR-130Q-MW04 YP3019 16-Oct-02			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
VOLATILE ORGANIC COMPOUNDS															
1,1,2,2-Tetrachloroethane	mg/L	NA	2.04E-04	ND				ND				ND			
Acetone	mg/L	NA	1.56E-01	8.90E-03	J			ND				ND			
Chloroform	mg/L	NA	1.15E-03	ND				ND				ND			
Methylene chloride	mg/L	NA	7.85E-03	ND				ND				ND			
Tetrachloroethene	mg/L	NA	1.26E-03	ND				ND				ND			
Trichloroethene	mg/L	NA	4.51E-03	ND				ND				ND			

Sample Location Sample Number Sample Date				HR-130Q-MW05 YP3020 17-Oct-02				HR-130Q-MW06 YP3021 9-Oct-02				HR-130Q-MW07 YP3022 10-Oct-02			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
VOLATILE ORGANIC COMPOUNDS															
1,1,2,2-Tetrachloroethane	mg/L	NA	2.04E-04	7.50E-01			YES	ND				ND			
Acetone	mg/L	NA	1.56E-01	ND				ND				ND			
Chloroform	mg/L	NA	1.15E-03	1.20E-03			YES	ND				4.00E-04	J		
Methylene chloride	mg/L	NA	7.85E-03	2.20E-04	B			ND				ND			
Tetrachloroethene	mg/L	NA	1.26E-03	1.10E-03				ND				ND			
Trichloroethene	mg/L	NA	4.51E-03	8.30E-02			YES	ND				ND			

Sample Location Sample Number Sample Date				HR-130Q-MW08 YP3023 7-Oct-02				HR-130Q-MW09 YP3024 7-Oct-02				HR-130Q-MW10 YP3025 18-Oct-02			
Parameter	Units	BKG[a]	SSSL[b]	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL	Result	Qual	>BKG	>SSSL
VOLATILE ORGANIC COMPOUNDS															
1,1,2,2-Tetrachloroethane	mg/L	NA	2.04E-04	8.90E-03			YES	ND				1.10E-02			YES
Acetone	mg/L	NA	1.56E-01	ND				ND				7.70E-03	B		
Chloroform	mg/L	NA	1.15E-03	8.30E-04	J			ND				2.40E-04	J		
Methylene chloride	mg/L	NA	7.85E-03	2.80E-04	B			ND				ND			
Tetrachloroethene	mg/L	NA	1.26E-03	ND				ND				ND			
Trichloroethene	mg/L	NA	4.51E-03	1.30E-03				ND				1.70E-03			

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods.

[a] BKG - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in SAIC, 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

[b] Residential human health site-specific screening level (SSSL) as given in IT, 2000, *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama*, July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit.

J - Compound was positively identified; reported value is an estimated concentration.

mg/L - Milligrams per liter.

NA - Not available.

ND - Not detected.

Qual - Data validation qualifier.

Table 5-6

Surface Water Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date					HR-130Q-SW/SD05 YP2007 15-Jan-01					HR-130Q-SW/SD06 YP2008 15-Jan-01				
Parameter	Units	BKG[a]	SSSL[b]	ESV[b]	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS														
Aluminum	mg/L	5.26E+00	1.53E+01	8.70E-02	3.82E-01				YES	1.80E-01	J			YES
Barium	mg/L	7.54E-02	1.10E+00	3.90E-03	2.63E-02				YES	2.46E-02				YES
Calcium	mg/L	2.52E+01	NA	1.16E+02	2.02E+01					1.94E+01				
Iron	mg/L	1.96E+01	4.70E+00	1.00E+00	2.93E+00				YES	2.81E+00				YES
Lead	mg/L	8.67E-03	1.50E-02	1.32E-03	ND					1.98E-03	J			YES
Magnesium	mg/L	1.10E+01	NA	8.20E+01	1.28E+00					1.13E+00				
Manganese	mg/L	5.65E-01	6.40E-01	8.00E-02	1.95E-01				YES	2.94E-01				YES
Sodium	mg/L	3.44E+00	NA	6.80E+02	8.80E-01	J				8.80E-01	J			
Zinc	mg/L	4.04E-02	4.65E+00	5.89E-02	8.47E-03	J				ND				
VOLATILE ORGANIC COMPOUNDS														
Acetone	mg/L	NA	1.57E+00	7.80E+01	ND					1.10E-02	J			
Methylene chloride	mg/L	NA	1.42E-01	1.93E+00	1.70E-03	B				2.00E-03	B			

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods.

[a] BKG - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in SAIC, 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

[b] Recreational site user site-specific screening level (SSSL) and ecological screening value (ESV) as given in IT, 2000, *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama,* July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit.

J - Compound was positively identified; reported value is an estimated concentration.

mg/L - Milligrams per liter.

NA - Not available.

ND - Not detected.

Qual - Data validation qualifier.

Table 5-7

Sediment Analytical Results
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location Sample Number Sample Date					HR-130Q-SW/SD05 YP1007 15-Jan-01					HR-130Q-SW/SD06 YP1008 15-Jan-01				
Parameter	Units	BKG[a]	SSSL[b]	ESV[b]	Result	Qual	>BKG	>SSSL	>ESV	Result	Qual	>BKG	>SSSL	>ESV
METALS														
Aluminum	mg/kg	8.59E+03	1.15E+06	NA	8.10E+03					2.12E+04		YES		
Arsenic	mg/kg	1.13E+01	5.58E+01	7.24E+00	2.58E+00					3.38E+00				
Barium	mg/kg	9.89E+01	8.36E+04	NA	3.91E+01					1.19E+02		YES		
Beryllium	mg/kg	9.70E-01	1.50E+02	NA	3.02E-01	J				7.00E-01	J			
Cadmium	mg/kg	4.30E-01	1.71E+02	1.00E+00	ND					4.61E-01	B	YES		
Calcium	mg/kg	1.11E+03	NA	NA	1.50E+03		YES			5.38E+03		YES		
Chromium	mg/kg	3.12E+01	2.79E+03	5.23E+01	1.15E+01					2.09E+01				
Cobalt	mg/kg	1.10E+01	6.72E+04	5.00E+01	8.11E-01	J				4.27E+00				
Copper	mg/kg	1.71E+01	4.74E+04	1.87E+01	5.40E+00					9.59E+00				
Iron	mg/kg	3.53E+04	3.59E+05	NA	1.56E+04					1.80E+04				
Lead	mg/kg	3.78E+01	4.00E+02	3.02E+01	1.02E+01					2.52E+01				
Magnesium	mg/kg	9.06E+02	NA	NA	2.60E+02					5.98E+02				
Manganese	mg/kg	7.12E+02	4.38E+04	NA	9.29E+01					1.38E+02				
Nickel	mg/kg	1.30E+01	1.76E+04	1.59E+01	ND					4.68E+00				
Potassium	mg/kg	1.01E+03	NA	NA	ND					9.50E+02	J			
Selenium	mg/kg	7.20E-01	5.96E+03	NA	1.21E+00	J	YES			1.17E+00	J	YES		
Sodium	mg/kg	6.92E+02	NA	NA	ND					5.42E+01	J			
Vanadium	mg/kg	4.09E+01	4.83E+03	NA	2.24E+01					3.56E+01				
Zinc	mg/kg	5.27E+01	3.44E+05	1.24E+02	8.42E+01	J	YES			9.89E+01	J	YES		
TOTAL ORGANIC CARBON														
Total Organic Carbon	mg/kg	NA	NA	NA	7.66E+01					4.35E+01				
VOLATILE ORGANIC COMPOUNDS														
2-Butanone	mg/kg	NA	6.23E+05	1.37E-01	3.30E-02	J				ND				
Acetone	mg/kg	NA	1.03E+05	4.53E-01	3.90E-01	J				5.70E-02	J			
Carbon disulfide	mg/kg	NA	1.04E+05	1.34E-01	1.30E-02					ND				
Methylene chloride	mg/kg	NA	9.84E+03	1.26E+00	5.60E-03	B				3.20E-03	B			
N-Butylbenzene	mg/kg	NA	1.04E+04	NA	7.40E-03	J				ND				
Toluene	mg/kg	NA	2.11E+05	6.70E-01	3.40E-03	J				ND				
p-Cymene	mg/kg	NA	2.08E+05	NA	1.00E-01					4.20E-03	J			

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods.

[a] BKG - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in SAIC, 1998, *Final Background Metals Survey Report, Fort McClellan, Alabama*, July.

[b] Recreational site user site-specific screening level (SSSL) and ecological screening value (ESV) as given in IT, 2000, *Final Human Health and Ecological Screening Values and PAH Background Summary Report, Fort McClellan, Calhoun County, Alabama,* July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit.

J - Compound was positively identified; reported value is an estimated concentration.

mg/kg - Milligrams per kilogram.
NA - Not available.
ND - Not detected.
Qual - Data validation qualifier.

- Aluminum (23,100 mg/kg) exceeded its ESV (50 mg/kg) and background (16,306 mg/kg) at HR-130Q-MW01.

- Selenium (0.98, 0.96, and 1.04 mg/kg) exceeded its ESV (0.81 mg/kg) and background (0.48 mg/kg) at three sample locations (HR-130Q-DEP02, HR-130Q-MW01, and HR-130Q-MW04). The selenium results from HR-130Q-MW01 and HR-130Q-MW04 were flagged with a "B" data qualifier, indicating that selenium was also detected in an associated laboratory or field blank sample.

- Zinc (69.4 and 69.3 mg/kg) exceeded its ESV (50 mg/kg) and background (40.6 mg/kg) at two sample locations (HR-130Q-MW03 and HR-130Q-MW05).

Volatile Organic Compounds. A total of six VOCs (2-butanone, acetone, carbon disulfide, methylene chloride, toluene, and p-cymene) were detected in the surface and depositional soil samples. VOC concentrations in the surface and depositional soil samples ranged from 0.00043 to 0.3 mg/kg and were all below their respective SSSLs and ESVs.

Semivolatile Organic Compounds. SVOCs were not detected in the surface and depositional soil samples.

Explosives. Explosive compounds were not detected in the surface and depositional soil samples.

Total Organic Carbon. The depositional soil samples were analyzed for TOC. TOC concentrations ranged from 89.7 to 123 mg/kg in the samples.

Grain Size. The results of grain size analysis for the depositional soil samples are included in Appendix F.

5.2 Subsurface Soil Analytical Results

Five subsurface soil samples were collected for chemical analysis during the Phase I investigation at Parcel 130Q-X. Subsurface soil samples were collected at depths greater than 1-foot bgs at the locations shown on Figure 3-1. Analytical results were compared to residential human health SSSLs and metals background concentrations, as presented in Table 5-2.

Metals. A total of 21 metals were detected in the subsurface soil samples. The concentrations of seven metals (aluminum, arsenic, chromium, iron, manganese, thallium, and vanadium)

exceeded their respective SSSLs. Of these metals, all concentrations were below their respective background values with the exception of aluminum (34,100 mg/kg), which exceeded its SSSL (7,803 mg/kg) and background value (13,591 mg/kg) at one sample location (HR-130Q-MW04).

Volatile Organic Compounds. A total of four VOCs (acetone, carbon disulfide, cis-1,2-dichloroethene, and methylene chloride) were detected in the subsurface soil samples. VOC concentrations in the subsurface soil samples ranged from 0.0014 to 0.1 mg/kg and were all below their respective SSSLs.

Semivolatile Organic Compounds. SVOCs were not detected in the subsurface soil samples.

Explosives. Explosive compounds were not detected in the subsurface soil samples.

5.3 Groundwater Analytical Results

A total of 20 groundwater samples were collected from 10 monitoring wells during the three phases of investigation at Parcel 130Q-X. An insufficient volume of groundwater was present in monitoring wells HR-130Q-MW02 and BK-YAHOU during the Phase III investigation and these two wells were not sampled. The well locations are shown on Figures 3-1 through 3-3. Analytical results were compared to residential human health SSSLs and metals background concentrations, as presented in Tables 5-3 through 5-5.

5.3.1 Phase I Analytical Results

Groundwater samples were collected from five well locations (HR-130Q-MW01 through HR-130Q-MW05) during the Phase I investigation. Analytical results are presented in Table 5-3.

Metals. A total of 12 metals were detected in the samples. The concentrations of three metals (barium, manganese, and nickel) exceeded their respective SSSLs in HR-130Q-MW02. Of these metals, barium (0.36 milligrams per liter [mg/L]) and manganese (3.11 mg/L) also exceeded their respective background concentrations (note: a background value for nickel was not available).

Volatile Organic Compounds. A total of six VOCs (1,1,2,2-tetrachloroethane, acetone, chloroform, methylene chloride, toluene, and trichloroethene) were detected in groundwater samples from monitoring wells HR-130Q-MW03 and HR-130Q-MW05. VOCs were not

detected at the remaining well locations. All of the VOC results were below their respective SSSLs with the exception of the following compounds in monitoring well HR-130Q-MW05:

- 1,1,2,2-Tetrachloroethane (0.58 mg/L) exceeded its SSSL (0.0002 mg/L)
- Chloroform (0.0014 mg/L) exceeded its SSSL (0.0012 mg/L)
- Trichloroethene (0.10 mg/L) exceeded its SSSL (0.0045 mg/L).

Semivolatile Organic Compounds. SVOCs were not detected in the groundwater samples.

Explosives. Explosive compounds were not detected in the groundwater samples.

5.3.2 Phase II Analytical Results

Six groundwater samples (locations HR-130Q-MW03 and HR-130Q-MW06 through HR-130Q-MW10) were collected during the Phase II investigation and analyzed for VOCs only. The sample locations are shown on Figure 3-2. Analytical results are presented in Table 5-4.

Volatile Organic Compounds. A total of four VOCs (1,1,2,2-tetrachloroethane, chloroform, methylene chloride, and trichloroethene) were detected in the groundwater samples from monitoring wells HR-130Q-MW07, HR-130Q-MW08, and HR-130Q-MW10. VOCs were not detected in the remaining wells sampled during Phase II. All of the VOC results were below their respective SSSLs with the exception of 1,1,2,2-tetrachloroethane in two wells. Concentrations of 1,1,2,2-tetrachloroethane (0.0042 and 0.005 mg/L) exceeded its SSSL (0.0002 mg/L) at well locations HR-130Q-MW08 and HR-130Q-MW10, respectively (Figure 5-1).

5.3.3 Phase III Analytical Results

Nine groundwater samples (locations HR-130Q-MW01 and HR-130Q-MW03 through HR-130Q-MW10) were collected during the Phase III investigation and analyzed for VOCs only. The sample locations are shown on Figure 3-3. Analytical results are presented in Table 5-5.

Volatile Organic Compounds. A total of six VOCs (1,1,2,2-tetrachloroethane, acetone, chloroform, methylene chloride, tetrachloroethene, and trichloroethene) were detected in groundwater samples collected from five monitoring wells (HR-130Q-MW01, HR-130Q-MW05, HR-130Q-MW07, HR-130Q-MW08, and HR-130Q-MW10). The VOC results were below their respective SSSLs with the exception of the following:

- 1,1,2,2-Tetrachloroethane (0.75, 0.0089, and 0.011 mg/L) exceeded its SSSL (0.0002 mg/L) in three wells (HR-130Q-MW05, HR-130Q-MW08, and HR-130Q-MW10).

- Chloroform (0.0012 mg/L) exceeded its SSSL (0.00115 mg/L) in HR-130Q-MW05.

- Trichloroethene (0.083 mg/L) exceeded its SSSL (0.0045 mg/L) in HR-130Q-MW05.

Figure 5-1 shows the spatial distribution of VOCs detected in groundwater during the three phases of investigation at the site.

5.4 Surface Water Analytical Results

Two surface water samples were collected for chemical analysis during the Phase I investigation at Parcel 130Q-X. The sample locations are shown on Figure 3-1. Analytical results were compared to recreational site user SSSLs, ESVs, and metal background screening values, as presented in Table 5-6. It should be noted that the assumptions for residential and recreational site user exposure to surface water are identical.

Metals. A total of nine metals were detected in the surface water samples. The metals results were below SSSLs. The concentrations of five metals (aluminum, barium, iron, lead, and manganese) exceeded ESVs but were below their respective background values.

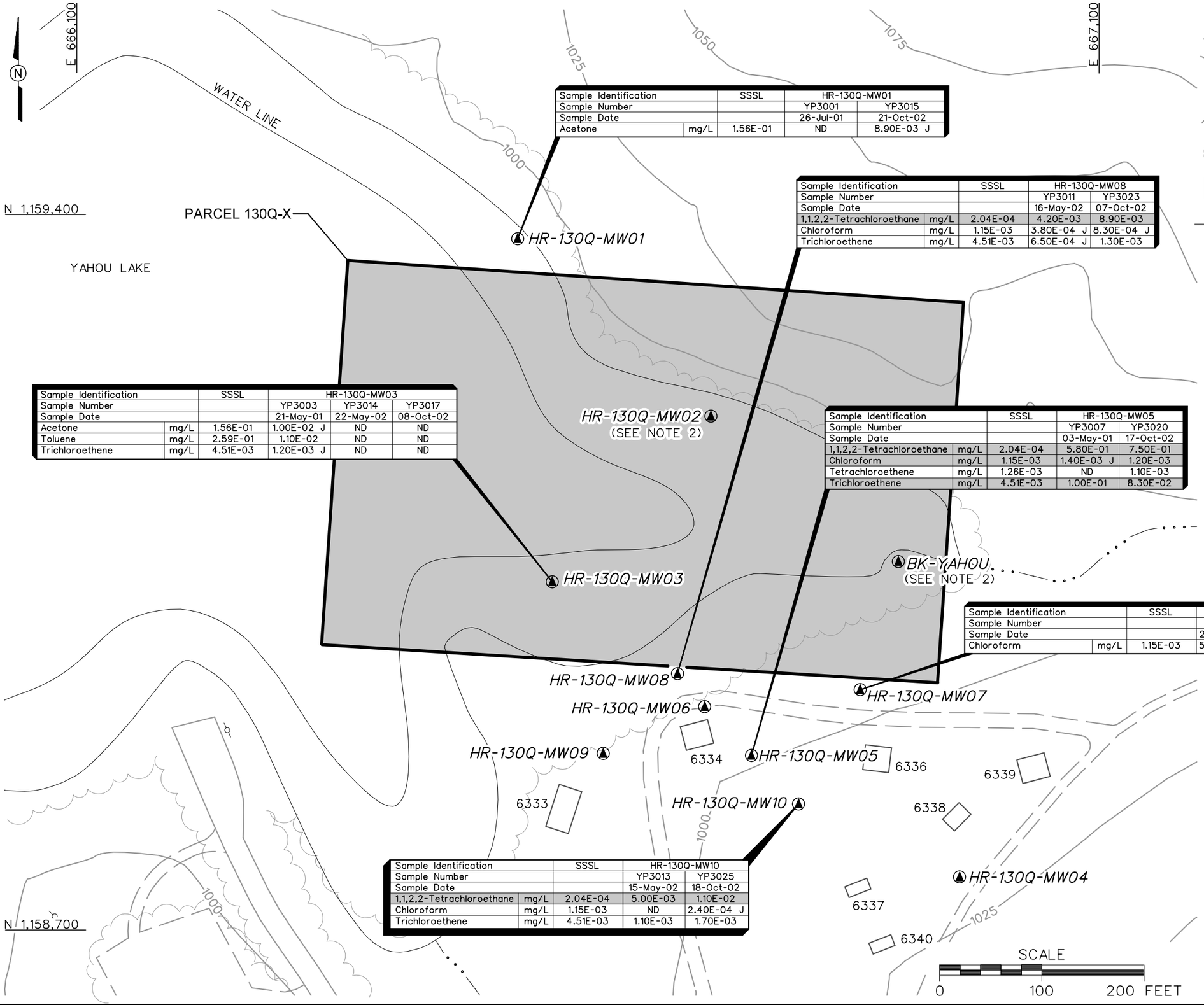
Volatile Organic Compounds. Two VOCs (acetone and methylene chloride) were detected in the surface water samples at concentrations below their respective SSSLs and ESVs.

Semivolatile Organic Compounds. SVOCs were not detected in the surface water samples.

Explosives. Explosive compounds were not detected in the surface water samples.

5.5 Sediment Analytical Results

Two sediment samples were collected for chemical analysis during the Phase I investigation at Parcel 130Q-X. The sample locations are shown on Figure 3-1. Analytical results were compared to recreational site user SSSLs, ESVs, and metal background screening values, as



Sample Identification		SSSL	HR-130Q-MW01	
Sample Number			YP3001	YP3015
Sample Date			26-Jul-01	21-Oct-02
Acetone	mg/L	1.56E-01	ND	8.90E-03 J

Sample Identification		SSSL	HR-130Q-MW08	
Sample Number			YP3011	YP3023
Sample Date			16-May-02	07-Oct-02
1,1,2,2-Tetrachloroethane	mg/L	2.04E-04	4.20E-03	8.90E-03
Chloroform	mg/L	1.15E-03	3.80E-04 J	8.30E-04 J
Trichloroethene	mg/L	4.51E-03	6.50E-04 J	1.30E-03

Sample Identification		SSSL	HR-130Q-MW03		
Sample Number			YP3003	YP3014	YP3017
Sample Date			21-May-01	22-May-02	08-Oct-02
Acetone	mg/L	1.56E-01	1.00E-02 J	ND	ND
Toluene	mg/L	2.59E-01	1.10E-02	ND	ND
Trichloroethene	mg/L	4.51E-03	1.20E-03 J	ND	ND

Sample Identification		SSSL	HR-130Q-MW05	
Sample Number			YP3007	YP3020
Sample Date			03-May-01	17-Oct-02
1,1,2,2-Tetrachloroethane	mg/L	2.04E-04	5.80E-01	7.50E-01
Chloroform	mg/L	1.15E-03	1.40E-03 J	1.20E-03
Tetrachloroethene	mg/L	1.26E-03	ND	1.10E-03
Trichloroethene	mg/L	4.51E-03	1.00E-01	8.30E-02

Sample Identification		SSSL	HR-130Q-MW07	
Sample Number			YP3009	YP3022
Sample Date			24-May-02	10-Oct-02
Chloroform	mg/L	1.15E-03	5.10E-04 J	4.00E-04 J

Sample Identification		SSSL	HR-130Q-MW10	
Sample Number			YP3013	YP3025
Sample Date			15-May-02	18-Oct-02
1,1,2,2-Tetrachloroethane	mg/L	2.04E-04	5.00E-03	1.10E-02
Chloroform	mg/L	1.15E-03	ND	2.40E-04 J
Trichloroethene	mg/L	4.51E-03	1.10E-03	1.70E-03

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FOOT)
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- UTILITY POLE
- MONITORING WELL LOCATION
- J — COMPOUND WAS POSITIVELY IDENTIFIED; REPORTED VALUE IS AN ESTIMATED CONCENTRATION
- mg/L — MILLIGRAMS PER LITER
- ND — NOT DETECTED
- SSSL — SITE-SPECIFIC SCREENING LEVEL
- CONCENTRATION EXCEEDS SSSL

NOTES:

1. "B"-FLAGGED DATA NOT SHOWN.
2. MONITORING WELLS BK-YAHOU AND HR-130Q-MW02 WERE NOT SAMPLED DURING PHASE III BECAUSE THE WELLS WERE DRY.

FIGURE 5-1
VOCs DETECTED IN GROUNDWATER FORMER MOCK VILLAGE AT YAHOU LAKE PARCEL 130Q-X

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

Shaw Environmental, Inc.

DWG. NO.: ...\796887es.768 | PROJ. NO.: 796887
INITIATOR: N. BADON | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: J. JENKINS
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 05/09/03 | DRAWN BY: D. BOMAR
06/25/2003 10:30:25 AM
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presented in Table 5-7. It should be noted that the assumptions for residential and recreational site user exposure to sediment are identical.

Metals. A total of 19 metals were detected in the sediment samples at concentrations below SSSLs and ESVs.

Volatile Organic Compounds. A total of seven VOCs (2-butanone, acetone, carbon disulfide, methylene chloride, n-butylbenzene, p-cymene, and toluene) were detected in the sediment samples at concentrations below their respective SSSLs and ESVs.

Semivolatile Organic Compounds. SVOCs were not detected in the sediment samples.

Explosives. Explosive compounds were not detected in the sediment samples.

Total Organic Carbon. TOC concentrations in the sediment samples were 76.6 mg/kg (in HR-130Q-SW/SD05) and 43.5 mg/kg (in HR-130Q-SW/SD06).

Grain Size. The results of the grain size analysis for the sediment samples are included in Appendix F.

6.0 Summary, Conclusions, and Recommendations

Shaw completed an SI at the Former Mock Village at Yahou Lake, Parcel 130Q-X, at FTMC in Calhoun County, Alabama. The SI was conducted to determine whether chemical constituents are present at the site at concentrations that pose an unacceptable risk to human health or the environment. The SI consisted of the collection and analysis of 5 surface soil samples, 4 depositional soil samples, 5 subsurface soil samples, 20 groundwater samples, 2 surface water samples, and 2 sediment samples. In addition, 10 permanent monitoring wells were installed at the site to facilitate groundwater sample collection and to provide site-specific geological and hydrogeological characterization information.

Chemical analysis of samples collected at the site indicates that metals and VOCs were detected in the various site media. Explosive compounds and SVOCs were not detected in any of the samples collected. Analytical results were compared to SSSLs, ESVs, and background screening values developed for human health and ecological risk evaluations as part of investigations being performed under the BRAC Environmental Restoration Program at FTMC.

Aluminum was the only chemical of potential concern identified in soil. Aluminum concentrations exceeded its SSSL and background in one surface soil sample and one subsurface soil sample. In groundwater, three metals (barium, manganese, and nickel) were detected in one monitoring well at concentrations exceeding their respective SSSLs and background concentrations. Three VOCs (1,1,2,2-tetrachloroethane, chloroform, and trichloroethene) were also detected in groundwater at concentrations exceeding SSSLs. No chemicals of potential concern were identified for surface water or sediment.

Constituents of potential ecological concern were limited to three metals (aluminum, selenium, and zinc) that exceeded their respective ESVs and background in surface and depositional soil. No constituents of potential ecological concern were identified for surface water or sediment.

Based on the results of the SI, past operations at Parcel 130Q-X have impacted the environment. Therefore, Shaw recommends that a remedial investigation be conducted to determine the extent of soil and groundwater contamination at the Former Mock Village at Yahou Lake, Parcel 130Q-X.

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ATTACHMENT 1

LIST OF ABBREVIATIONS AND ACRONYMS

List of Abbreviations and Acronyms

2,4-D	2,4-dichlorophenoxyacetic acid
2,4,5-T	2,4,5-trichlorophenoxyacetic acid
2,4,5-TP	2,4,5-trichlorophenoxypropionic acid
3D	3D International Environmental Group
AB	ambient blank
AbB3	Anniston gravelly clay loam, 2 to 6 percent slopes, severely eroded
AbC3	Anniston gravelly clay loam, 6 to 10 percent slopes, severely eroded
AbD3	Anniston and Allen gravelly clay loams, 10 to 15 percent slopes, eroded
Abs	skin absorption
ABS	dermal absorption factor
AC	hydrogen cyanide
ACAD	AutoCadd
AcB2	Anniston and Allen gravelly loams, 2 to 6 percent slopes, eroded
AcC2	Anniston and Allen gravelly loams, 6 to 10 percent slopes, eroded
AcD2	Anniston and Allen gravelly loams, 10 to 15 percent slopes, eroded
AcE2	Anniston and Allen gravelly loams, 15 to 25 percent slopes, eroded
ACGIH	American Conference of Governmental Industrial Hygienists
AdE	Anniston and Allen stony loam, 10 to 25 percent slope
ADEM	Alabama Department of Environmental Management
ADPH	Alabama Department of Public Health
AEC	U.S. Army Environmental Center
AEDA	ammunition, explosives, and other dangerous articles
AEL	airborne exposure limit
AET	adverse effect threshold
AF	soil-to-skin adherence factor
AHA	ammunition holding area
AL	Alabama
ALARNG	Alabama Army National Guard
ALAD	δ-aminolevulinic acid dehydratase
ALDOT	Alabama Department of Transportation
amb.	amber
amsl	above mean sea level
ANAD	Anniston Army Depot
AOC	area of concern
AP	armor piercing
APEC	areas of potential ecological concern
APT	armor-piercing tracer
AR	analysis request
ARAR	applicable or relevant and appropriate requirement
AREE	area requiring environmental evaluation
AS/SVE	air sparging/soil vapor extraction
ASP	Ammunition Supply Point
ASR	Archives Search Report
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
AT	averaging time
ATSDR	Agency for Toxic Substances and Disease Registry
ATV	all-terrain vehicle
AUF	area use factor
AWARE	Associated Water and Air Resources Engineers, Inc.
AWQC	ambient water quality criteria
AWWSB	Anniston Water Works and Sewer Board
'B'	Analyte detected in laboratory or field blank at concentration greater than the reporting limit (and greater than zero)
BCF	blank correction factor; bioconcentration factor
BCT	BRAC Cleanup Team
BERA	baseline ecological risk assessment
BEHP	bis(2-ethylhexyl)phthalate
BFB	bromofluorobenzene
BFE	base flood elevation
BG	Bacillus globigii
BGR	Bains Gap Road
bgs	below ground surface
BHC	hexachlorocyclohexane
BHHRA	baseline human health risk assessment
BIRTC	Branch Immaterial Replacement Training Center
bkg	background
bls	below land surface
BOD	biological oxygen demand
Bp	soil-to-plant biotransfer factors
BRAC	Base Realignment and Closure
Braun	Braun Intertec Corporation
BSAF	biota-to-sediment accumulation factors
BSC	background screening criterion
BTAG	Biological Technical Assistance Group
BTEX	benzene, toluene, ethyl benzene, and xylenes
BTOC	below top of casing
BTV	background threshold value
BW	biological warfare; body weight
BZ	breathing zone; 3-quinuclidinyl benzilate
C	ceiling limit value
Ca	carcinogen
$CaCO_3$	calcium carbonate
CAA	Clean Air Act
CAB	chemical warfare agent breakdown products
CACM	Chemical Agent Contaminated Media
CAMU	corrective action management unit
CBR	chemical, biological, and radiological
CCAL	continuing calibration
CCB	continuing calibration blank
CCV	continuing calibration verification
CD	compact disc
CDTF	Chemical Defense Training Facility
CEHNC	U.S. Army Engineering and Support Center, Huntsville
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CESAS	Corps of Engineers South Atlantic Savannah
CF	conversion factor
CFC	chlorofluorocarbon
CFDP	Center for Domestic Preparedness
CFR	Code of Federal Regulations
CG	phosgene (carbonyl chloride)
CGI	combustible gas indicator
ch	inorganic clays of high plasticity
CHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
CIH	Certified Industrial Hygienist
CK	cyanogen chloride
cl	inorganic clays of low to medium plasticity
Cl	chlorinated
CLP	Contract Laboratory Program
cm	centimeter
CN	chloroacetophenone
CNB	chloroacetophenone, benzene, and carbon tetrachloride
CNS	chloroacetophenone, chloropicrin, and chloroform
CO	carbon monoxide
CO_2	carbon dioxide
Co-60	cobalt-60
CoA	Code of Alabama
COC	chain of custody; chemical of concern
COE	Corps of Engineers
Con	skin or eye contact
COPC	chemical of potential concern
COPEC	constituent of potential ecological concern
CPSS	chemicals present in site samples
CQCSM	Contract Quality Control System Manager
CRDL	contract-required detection limit
CRL	certified reporting limit
CRQL	contract-required quantitation limit
CRZ	contamination reduction zone
Cs-137	cesium-137
CS	ortho-chlorobenzylidene-malononitrile
CSEM	conceptual site exposure model
CSM	conceptual site model
CT	central tendency
ctr.	container
CWA	chemical warfare agent; Clean Water Act
CWM	chemical warfare material; clear, wide mouth
CX	dichloroformoxime
'D'	duplicate; dilution
D&I	detection and identification
DAAMS	depot area agent monitoring station
DAF	dilution-attenuation factor
DANC	decontamination agent, non-corrosive
°C	degrees Celsius

°F	degrees Fahrenheit
DCA	dichloroethane
DCE	dichloroethene
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethene
DDT	dichlorodiphenyltrichloroethane
DEH	Directorate of Engineering and Housing
DEP	depositional soil
DFTPP	decafluorotriphenylphosphine
DI	deionized
DID	data item description
DIMP	di-isopropylmethylphosphonate
DM	dry matter; adamsite
DMBA	dimethylbenz(a)anthracene
DMMP	dimethylmethylphosphonate
DO	dissolved oxygen
DOD	U.S. Department of Defense
DOJ	U.S. Department of Justice
DOT	U.S. Department of Transportation
DP	direct-push
DPDO	Defense Property Disposal Office
DPT	direct-push technology
DQO	data quality objective
DRMO	Defense Reutilization and Marketing Office
DRO	diesel range organics
DS	deep (subsurface) soil
DS2	Decontamination Solution Number 2
DSERTS	Defense Site Environmental Restoration Tracking System
DWEL	drinking water equivalent level
E&E	Ecology and Environment, Inc.
EB	equipment blank
EBS	environmental baseline survey
EC_{50}	effects concentration for 50 percent of a population
ECBC	Edgewood Chemical Biological Center
ED	exposure duration
EDD	electronic data deliverable
EF	exposure frequency
EDQL	ecological data quality level
EE/CA	engineering evaluation and cost analysis
Elev.	elevation
EM	electromagnetic
EMI	Environmental Management Inc.
EM31	Geonics Limited EM31 Terrain Conductivity Meter
EM61	Geonics Limited EM61 High-Resolution Metal Detector
EOD	explosive ordnance disposal
EODT	explosive ordnance disposal team
EPA	U.S. Environmental Protection Agency
EPC	exposure point concentration
EPIC	Environmental Photographic Interpretation Center
EPRI	Electrical Power Research Institute
ER	equipment rinsate
ERA	ecological risk assessment
ER-L	effects range-low
ER-M	effects range-medium
ESE	Environmental Science and Engineering, Inc.
ESMP	Endangered Species Management Plan
ESN	Environmental Services Network, Inc.
ESV	ecological screening value
ET	exposure time
EU	exposure unit
Exp.	explosives
E-W	east to west
EZ	exclusion zone
FAR	Federal Acquisition Regulations
FB	field blank
FD	field duplicate
FDC	Former Decontamination Complex
FDA	U.S. Food and Drug Administration
Fe^{+3}	ferric iron
Fe^{+2}	ferrous iron
FedEx	Federal Express, Inc.
FEMA	Federal Emergency Management Agency
FFCA	Federal Facilities Compliance Act
FFE	field flame expedient
FFS	focused feasibility study
FI	fraction of exposure
Fil	filtered
Flt	filtered
FMDC	Fort McClellan Development Commission
FML	flexible membrane liner
f_{oc}	fraction organic carbon
FOMRA	Former Ordnance Motor Repair Area
FOST	Finding of Suitability to Transfer
Foster Wheeler	Foster Wheeler Environmental Corporation
FR	Federal Register
Frtn	fraction
FS	field split; feasibility study
FSP	field sampling plan
ft	feet
ft/day	feet per day
ft/ft	feet per foot
ft/yr	feet per year
FTA	Fire Training Area
FTMC	Fort McClellan
FTRRA	FTMC Reuse & Redevelopment Authority
g	gram
g/m^3	gram per cubic meter
G-856	Geometrics, Inc. G-856 magnetometer
G-858G	Geometrics, Inc. G-858G magnetic gradiometer
GAF	gastrointestinal absorption factor
gal	gallon
gal/min	gallons per minute
GB	sarin (isopropyl methylphosphonofluoridate)
gc	clay gravels; gravel-sand-clay mixtures
GC	gas chromatograph
GCL	geosynthetic clay liner
GC/MS	gas chromatograph/mass spectrometer
GCR	geosynthetic clay liner
GFAA	graphite furnace atomic absorption
GIS	Geographic Information System
gm	silty gravels; gravel-sand-silt mixtures
gp	poorly graded gravels; gravel-sand mixtures
gpm	gallons per minute
GPR	ground-penetrating radar
GPS	global positioning system
GRA	general response action
GS	ground scar
GSA	General Services Administration; Geologic Survey of Alabama
GSBP	Ground Scar Boiler Plant
GSSI	Geophysical Survey Systems, Inc.
GST	ground stain
GW	groundwater
gw	well-graded gravels; gravel-sand mixtures
H&S	health and safety
HA	hand auger
HC	mixture of hexachloroethane, aluminum powder, and zinc oxide (smoke producer)
HCl	hydrochloric acid
HD	distilled mustard (bis-[dichloroethyl]sulfide)
HDPE	high-density polyethylene
HE	high explosive
HEAST	Health Effects Assessment Summary Tables
Herb.	herbicides
HHRA	human health risk assessment
HI	hazard index
H_2O_2	hydrogen peroxide
HPLC	high-performance liquid chromatography
HNO_3	nitric acid
HQ	hazard quotient
HQ_{screen}	screening-level hazard quotient
hr	hour
HRC	hydrogen releasing compound
HSA	hollow-stem auger
HTRW	hazardous, toxic, and radioactive waste
'I'	out of control, data rejected due to low recovery

IASPOW	Impact Area South of POW Training Facility
IATA	International Air Transport Authority
ICAL	initial calibration
ICB	initial calibration blank
ICP	inductively-coupled plasma
ICRP	International Commission on Radiological Protection
ICS	interference check sample
ID	inside diameter
IDL	instrument detection limit
IDLH	immediately dangerous to life or health
IDM	investigative-derived media
IDW	investigation-derived waste
IEUBK	Integrated Exposure Uptake Biokinetic
IF	ingestion factor; inhalation factor
ILCR	incremental lifetime cancer risk
IMPA	isopropylmethyl phosphonic acid
IMR	Iron Mountain Road
in.	inch
Ing	ingestion
Inh	inhalation
IP	ionization potential
IPS	International Pipe Standard
IR	ingestion rate
IRDMIS	Installation Restoration Data Management Information System
IRIS	Integrated Risk Information Service
IRP	Installation Restoration Program
IS	internal standard
ISCP	Installation Spill Contingency Plan
IT	IT Corporation
ITEMS	IT Environmental Management System™
'J'	estimated concentration
JeB2	Jefferson gravelly fine sandy loam, 2 to 6 percent slopes, eroded
JeC2	Jefferson gravelly fine sandy loam, 6 to 10 percent slopes, eroded
JfB	Jefferson stony fine sandy loam, 0 to 10 percent slopes have strong slopes
JPA	Joint Powers Authority
K	conductivity
K_d	soil-water distribution coefficient
kg	kilogram
KeV	kilo electron volt
K_{oc}	organic carbon partioning coefficient
K_{ow}	octonal-water partition coefficient
$KMnO_4$	potassium permanganate
L	liter; Lewisite (dichloro-[2-chloroethyl]sulfide)
L/kg/day	liters per kilogram per day
l	liter
LAW	light anti-tank weapon
lb	pound
LBP	lead-based paint
LC	liquid chromatography
LCS	laboratory control sample
LC_{50}	lethal concentration for 50 percent population tested
LD_{50}	lethal dose for 50 percent population tested
LEL	lower explosive limit
LOAEL	lowest-observed-advserse-effects-level
LRA	land redevelopment authority
LT	less than the certified reporting limit
LUC	land-use control
LUCAP	land-use control assurance plan
LUCIP	land-use control implementation plan
max	maximum
MB	method blank
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MCPA	4-chloro-2-methylphenoxyacetic acid
MCPP	2-(2-methyl-4-chlorophenoxy)propionic acid
MCS	media cleanup standard
MD	matrix duplicate
MDC	maximum detected concentration
MDCC	maximum detected constituent concentration
MDL	method detection limit
mg	milligrams
mg/kg	milligrams per kilogram
mg/kg/day	milligram per kilogram per day
mg/kgbw/day	milligrams per kilogram of body weight per day
mg/L	milligrams per liter
mg/m^3	milligrams per cubic meter
mh	inorganic silts, micaceous or diatomaceous fine, sandy or silt soils
MHz	megahertz
µg/g	micrograms per gram
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
µmhos/cm	micromhos per centimeter
MeV	mega electron volt
min	minimum
MINICAMS	miniature continuous air monitoring system
ml	inorganic silts and very fine sands
mL	milliliter
mm	millimeter
MM	mounded material
MMBtu/hr	million Btu per hour
MNA	monitored natural attenuation
MnO_4-	permanganate ion
MOA	Memorandum of Agreement
MOGAS	motor vehicle gasoline
MOUT	Military Operations in Urban Terrain
MP	Military Police
MPA	methyl phosphonic acid
MPM	most probable munition
MQL	method quantitation limit
MR	molasses residue
MRL	method reporting limit
MS	matrix spike
mS/cm	millisiemens per centimeter
mS/m	millisiemens per meter
MSD	matrix spike duplicate
MTBE	methyl tertiary butyl ether
msl	mean sea level
MtD3	Montevallo shaly, silty clay loam, 10 to 40 percent slopes , severely eroded
mV	millivolts
MW	monitoring well
MWI&MP	Monitoring Well Installation and Management Plan
Na	sodium
NA	not applicable; not available
NAD	North American Datum
NAD83	North American Datum of 1983
$NaMnO_4$	sodium permanganate
NAVD88	North American Vertical Datum of 1988
NAS	National Academy of Sciences
NCEA	National Center for Environmental Assessment
NCP	National Contingency Plan
NCRP	National Council on Radiation Protection and Measurements
ND	not detected
NE	no evidence; northeast
ne	not evaluated
NEW	net explosive weight
NFA	No Further Action
NG	National Guard
NGP	National Guardsperson
ng/L	nanograms per liter
NGVD	National Geodetic Vertical Datum
Ni	nickel
NIC	notice of intended change
NIOSH	National Institute for Occupational Safety and Health
NIST	National Institute of Standards and Technology
NLM	National Library of Medicine
NO_3^-	nitrate
NPDES	National Pollutant Discharge Elimination System
NPW	net present worth
No.	number
NOAA	National Oceanic and Atmospheric Administration
NOAEL	no-observed-adverse-effects-level
NR	not requested; not recorded; no risk
NRC	National Research Council
NRCC	National Research Council of Canada

NRHP	National Register of Historic Places
NRT	near real time
ns	nanosecond
N-S	north to south
NS	not surveyed
NSA	New South Associates, Inc.
nT	nanotesla
nT/m	nanoteslas per meter
NTU	nephelometric turbidity unit
nv	not validated
O_2	oxygen
O_3	ozone
O&G	oil and grease
O&M	operation and maintenance
OB/OD	open burning/open detonation
OD	outside diameter
OE	ordnance and explosives
oh	organic clays of medium to high plasticity
OH•	hydroxyl radical
ol	organic silts and organic silty clays of low plasticity
OP	organophosphorus
ORC	Oxygen Releasing Compound
ORP	oxidation-reduction potential
OSHA	Occupational Safety and Health Administration
OSWER	Office of Solid Waste and Emergency Response
OVM-PID/FID	organic vapor meter-photoionization detector/flame ionization detector
OWS	oil/water separator
oz	ounce
PA	preliminary assessment
PAH	polynuclear aromatic hydrocarbon
PARCCS	precision, accuracy, representativeness, comparability, completeness, and sensitivity
Parsons	Parsons Engineering Science, Inc.
Pb	lead
PBMS	performance-based measurement system
PC	permeability coefficient
PCB	polychlorinated biphenyl
PCDD	polychlorinated dibenzo-p-dioxins
PCDF	polychlorinated dibenzofurans
PCE	perchloroethene
PCP	pentachlorophenol
PDS	Personnel Decontamination Station
PEF	particulate emission factor
PEL	permissible exposure limit
PERA	preliminary ecological risk assessment
PES	potential explosive site
Pest.	pesticides
PETN	pentaerythritoltetranitrate
PFT	portable flamethrower
PG	professional geologist
PID	photoionization detector
PkA	Philo and Stendal soils local alluvium, 0 to 2 percent slopes
PM	project manager
POC	point of contact
POL	petroleum, oils, and lubricants
POTW	publicly owned treatment works
POW	prisoner of war
PP	peristaltic pump; Proposed Plan
ppb	parts per billion
ppbv	parts per billion by volume
PPE	personal protective equipment
ppm	parts per million
PPMP	Print Plant Motor Pool
ppt	parts per thousand
PR	potential risk
PRA	preliminary risk assessment
PRG	preliminary remediation goal
PS	chloropicrin
PSSC	potential site-specific chemical
pt	peat or other highly organic silts
PVC	polyvinyl chloride
QA	quality assurance
QA/QC	quality assurance/quality control
QAM	quality assurance manual
QAO	quality assurance officer
QAP	installation-wide quality assurance plan
QC	quality control
QST	QST Environmental, Inc.
qty	quantity
Qual	qualifier
R	rejected data; resample; retardation factor
R&A	relevant and appropriate
RA	remedial action
RAO	remedial action objective
RBC	risk-based concentration; red blood cell
RCRA	Resource Conservation and Recovery Act
RCWM	Recovered Chemical Warfare Material
RD	remedial design
RDX	cyclotrimethylenetrinitramine
ReB3	Rarden silty clay loams
REG	regular field sample
REL	recommended exposure limit
RFA	request for analysis
RfC	reference concentration
RfD	reference dose
RGO	remedial goal option
RI	remedial investigation
RL	reporting limit
RME	reasonable maximum exposure
ROD	Record of Decision
RPD	relative percent difference
RR	Range residue
RRF	relative response factor
RSD	relative standard deviation
RTC	Recruiting Training Center
RTECS	Registry of Toxic Effects of Chemical Substances
RTK	real-time kinematic
RWIMR	Ranges West of Iron Mountain Road
SA	exposed skin surface area
SAD	South Atlantic Division
SAE	Society of Automotive Engineers
SAIC	Science Applications International Corporation
SAP	installation-wide sampling and analysis plan
SARA	Superfund Amendments and Reauthorization Act
sc	clayey sands; sand-clay mixtures
Sch.	schedule
SCM	site conceptual model
SD	sediment
SDG	sample delivery group
SDWA	Safe Drinking Water Act
SDZ	safe distance zone; surface danger zone
SEMS	Southern Environmental Management & Specialties, Inc.
SF	cancer slope factor
SFSP	site-specific field sampling plan
SGF	standard grade fuels
Shaw	Shaw Environmental, Inc.
SHP	installation-wide safety and health plan
SI	site investigation
SINA	Special Interest Natural Area
SL	standing liquid
SLERA	screening-level ecological risk assessment
sm	silty sands; sand-silt mixtures
SM	Serratia marcescens
SMDP	Scientific Management Decision Point
s/n	signal-to-noise ratio
SO_4^{-2}	sulfate
SOD	soil oxidant demand
SOP	standard operating procedure
SOPQAM	U.S. EPA's *Standard Operating Procedure/Quality Assurance Manual*
sp	poorly graded sands; gravelly sands
SP	submersible pump
SPCC	system performance calibration compound
SPCS	State Plane Coordinate System
SPM	sample planning module

SQRT	screening quick reference tables
Sr-90	strontium-90
SRA	streamlined human health risk assessment
SRM	standard reference material
Ss	stony rough land, sandstone series
SS	surface soil
SSC	site-specific chemical
SSHO	site safety and health officer
SSHP	site-specific safety and health plan
SSL	soil screening level
SSSL	site-specific screening level
SSSSL	site-specific soil screening level
STB	supertropical bleach
STC	source-term concentration
STD	standard deviation
STEL	short-term exposure limit
STL	Severn-Trent Laboratories
STOLS	Surface Towed Ordnance Locator System®
Std. units	standard units
SU	standard unit
SUXOS	senior UXO supervisor
SVOC	semivolatile organic compound
SW	surface water
SW-846	U.S. EPA's *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*
SWMU	solid waste management unit
SWPP	storm water pollution prevention plan
SZ	support zone
TAL	target analyte list
TAT	turn around time
TB	trip blank
TBC	to be considered
TCA	trichloroethane
TCDD	2,3,7,8-tetrachlorodibenzo-p-dioxin
TCDF	tetrachlorodibenzofurans
TCE	trichloroethene
TCL	target compound list
TCLP	toxicity characteristic leaching procedure
TDEC	Tennessee Department of Environment and Conservation
TDGCL	thiodiglycol
TDGCLA	thiodiglycol chloroacetic acid
TEA	triethylaluminum
Tetryl	trinitrophenylmethylnitramine
TERC	Total Environmental Restoration Contract
THI	target hazard index
TIC	tentatively identified compound
TLV	threshold limit value
TN	Tennessee
TNT	trinitrotoluene
TOC	top of casing; total organic carbon
TPH	total petroleum hydrocarbons
TR	target cancer risk
TRADOC	U.S. Army Training and Doctrine Command
TRPH	total recoverable petroleum hydrocarbons
TSCA	Toxic Substances Control Act
TSDF	treatment, storage, and disposal facility
TWA	time-weighted average
UCL	upper confidence limit
UCR	upper certified range
'U'	not detected above reporting limit
UIC	underground injection control
UF	uncertainty factor
USACE	U.S. Army Corps of Engineers
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USAEC	U.S. Army Environmental Center
USAEHA	U.S. Army Environmental Hygiene Agency
USACMLS	U.S. Army Chemical School
USAMPS	U.S. Army Military Police School
USATCES	U.S. Army Technical Center for Explosive Safety
USATEU	U.S. Army Technical Escort Unit
USATHAMA	U.S. Army Toxic and Hazardous Material Agency
USC	United States Code
USCS	Unified Soil Classification System
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
UTL	upper tolerance level; upper tolerance limit
UXO	unexploded ordnance
UXOQCS	UXO Quality Control Supervisor
UXOSO	UXO safety officer
V	vanadium
VC	vinyl chloride
VOA	volatile organic analyte
VOC	volatile organic compound
VOH	volatile organic hydrocarbon
VQlfr	validation qualifier
VQual	validation qualifier
VX	nerve agent (O-ethyl-S-[diisopropylaminoethyl]-methylphosphonothiolate)
WAC	Women's Army Corps
Weston	Roy F. Weston, Inc.
WP	installation-wide work plan
WRS	Wilcoxon rank sum
WS	watershed
WSA	Watershed Screening Assessment
WWI	World War I
WWII	World War II
XRF	x-ray fluorescence
yd^3	cubic yards

APPENDIX A

SAMPLE COLLECTION LOGS AND ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS

SAMPLE COLLECTION LOGS

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 13Q-100300-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW01

Sample Number: YP0001

Sample Name: HR-130Q-MW01-SS-YP0001-REG

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 0835

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy, L. O'HARE

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:

See picture for sample # YP0002.

Logged BY / Date: [illegible] 10/3/00 *Reviewed BY / Date:* [illegible]

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMA

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW01

Sample Number: YP0001-MS

Sample Name: HR-130Q-MW01-SS-YP0001-MS

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 0835

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy, L. O'HARE

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:

See map for sample # YP0002.

Logged BY / Date: [signature] 10/3/00

Reviewed BY / Date: [signature]

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW01

Sample Number: YP0001-MSD

Sample Name: HR-130Q-MW01-SS-YP0001-MSD

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 0835

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy, L. OHARE.

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:

See map for sample # YP0002

Logged BY / Date: [illegible] 10/3/00 *Reviewed BY / Date:* [illegible]

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW01

Sample Number: YP0002

Sample Name: HR-130Q-MW01-DS-YP0002-REG

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 0907

Start Depth: 10'

End Depth: 12'

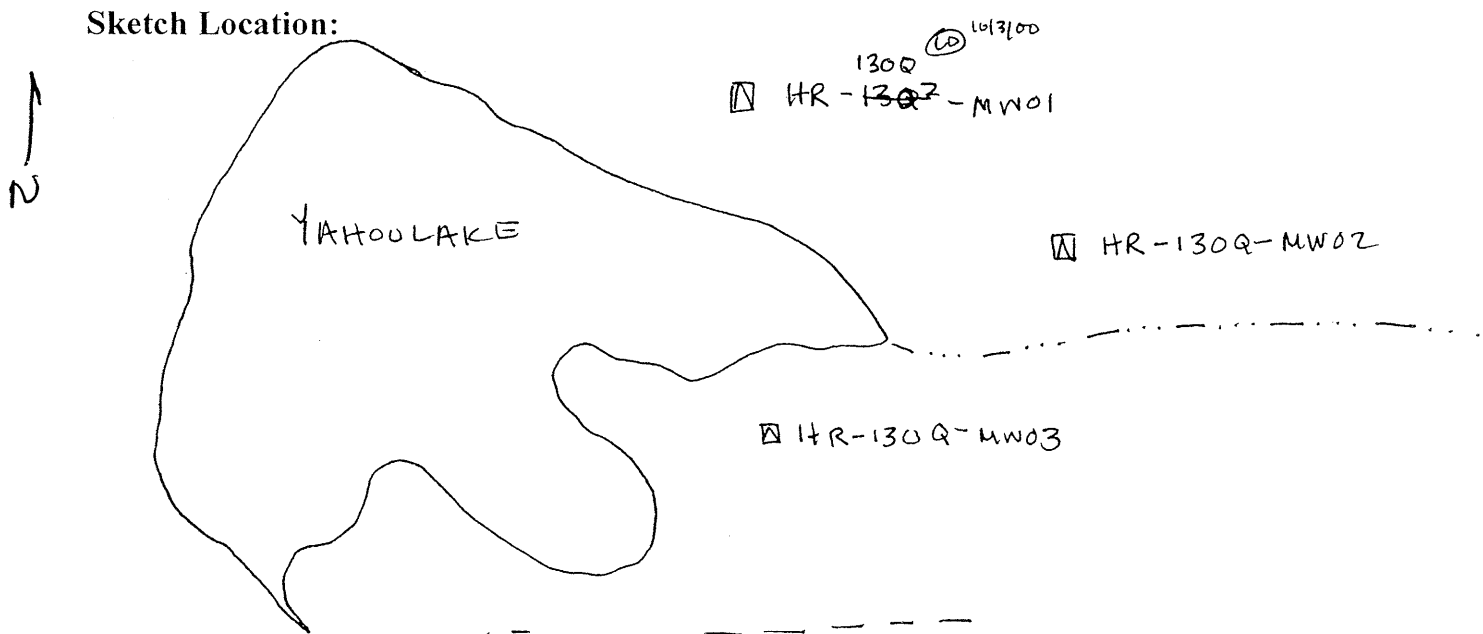
Sample Team: L. O'Hare, J. Dendy

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:



Logged BY / Date: Leslie O'Hare 10/3/00

Reviewed BY / Date: D.K.C.

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-072601-EMAX

Site: **Former Mock Village at Yahoo Lake (Parcel**

Location Code: **HR-130Q-MW01**

Sample Number: **YP3001**

Sample Name: **HR-130Q-MW01-GW-YP3001-REG**

Sampling Method: ~~SP~~ BP

Collection Date: 07/26/01

Collection Time: 1630

Start Depth: 8.57

End Depth: 8.54

Sample Team: B. Groves - J. Cannon

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
NITROAROMATIC	N	C	2	1	L	Amb. Glass
METALS-W	N	D	1	1	L	HDPE

Comments:

Sketch Location:

Logged BY / Date: 07/26/01

Reviewed BY / Date: 7/26/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW01**

Sample Number: **YP3001**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
JAC	1340	8.69	119	6.99	.092	143	10.62	23.77	— .25 gal/m —
	1405	11.56	137	6.96	.094	255	6.41	22.27	6 gals
	1430	11.65	144	6.90	.095	787	5.50	22.08	12 gals
	1455	11.63	148	6.84	.093	533	5.30	22.5	18 gals
	1520	11.55	150	6.73	.086	269	5.26	20.9	24
LF ↔	1545	11.65	150	6.49	.080	144	5.50	20.47	30 — .125 gal/m
6th Vol BegAN	1605	8.83	145	6.57	.076	115	5.39	24.55	33 gal
	~~1630~~	~~8.57~~	~~147~~ JAC						
Sample:	1630	8.57	147	6.52	.075	94.6	5.72	24.60	36

TD - 43.00

DTW - 6.55

36.45 X .163 = ~~5.94~~ 5.94

5.94 X 3 = 17.82

5.94 X 5 = 29.70

VOC. Frac. PH <2

PID - 0.0

Logged BY / Date: [signature] 07/26/01

Reviewed BY / Date: [signature] 7/26/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-072601-EMAX

Site: **Former Mock Village at Yahoo Lake (Parcel**

Location Code: **HR-130Q-MW01**

Sample Number: **YP3001-MS**

Sample Name: **HR-130Q-MW01-GW-YP3001-MS**

Sampling Method: ~~SP~~ BP

Collection Date: 07/26/01

Collection Time: 1630

Start Depth: 8.57

End Depth: 8.54

Sample Team: B. Groves + J. Cannings

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
NITROAROMATIC	N	C	2	1	L	Amb. Glass
METALS-W	N	D	1	1	L	HDPE

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Comments:

Sketch Location:

Logged BY / Date: 07/26/01

Reviewed BY / Date: 7-26-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW01**

Sample Number: **YP3001-MS**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:									

Parameter measurement & calculation are on Log Sample Note YP3001

Logged BY / Date: 07/26/01

Reviewed BY / Date: 7/26/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-072601-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW01

Sample Number: YP3001-MSD

Sample Name: HR-130Q-MW01-GW-YP3001-MSD

Sampling Method: ~~SP~~ BP

Collection Date: 07/26/01

Collection Time: 1630

Start Depth: 8.57

End Depth: 8.54

Sample Team: B. Hoover - J. Cum

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
NITROAROMATIC	N	C	2	1	L	Amb. Glass
METALS-W	N	D	1	1	L	HDPE

Comments:

Sketch Location:

Logged BY / Date: 07/26/01

Reviewed BY / Date: 7/26/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW01**

Sample Number: **YP3001-MSD**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:									

Parameter measurements and Calculations are on log

Sample Number YP3001

Logged BY / Date: 07/26/01

Reviewed BY / Date: 7/26/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-102202-EMAX

Location Code: **HR-130Q-MW01**

Sample Number: **YP3015**

Sample Name: **HR-130Q-MW01-GW-YP3015-REG**

Sampling Method: ~~BP~~ PP

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 10-21-02

Collection Time: 1530

Start Depth: 24'

End Depth: 39'

Sample Matrix: **WATER**

Sample Team: D. Allen - N. Badon

QC Partners:

(TB) 102102-TB (ER) 10~~2~~25 02-ER KAH 10/22/02 (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	a	3	40	mL	VOA Vial

Comments: PID BACKGROUND 0.0 Wellhead 0.4 BREATHING ZONE: 0.0
TD - DTW = WC x .163 = PV
42.6' - 9.82' = 32.78' x .163 = 5.34 GALLONS 3 x PV = 16.02 GAL 5 x PV = 26.7 GAL.

Sketch Location:

NOTE: @ development TD WAS 44.7' BTOC. Appx 2' OF Sediment in bottom of well. Sample PH is less than 2.

Logged BY / Date: [signature] 10-21-02 *Reviewed BY / Date:* [signature] 10/21/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW01**

Sample Number: **YP3015**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen mg/L ~~(ppm)~~	Temperature (C)	Purge Volume (gal)	PR GPM
10-21-02	1030	9.82'								
OKA	1035	10.69	219	6.26	0.051	129	5.09	21.22	.175 @	.035
	1050	11.23	215	6.17	0.051	101	4.22	20.75	.925 @	.050
	1105	11.28	224	6.10	0.053	121	3.72	20.97	1.675	|
	1135	11.60	246	6.03	0.053	130	3.39	20.89	3.425 @	.058
	1205	12.09	258	6.05	0.054	130	3.22	20.89	5.425 @	.066
	1235	12.36	273	6.01	0.051	69	3.07	20.46	7.675 @	.075
	1305	12.46	288	6.00	0.050	46	3.31	20.14	10.475 @	.093
	1335	12.49	303	6.00	0.049	36	3.96	20.09	13.23	|
	1405	12.67	308	5.94	0.047	27	3.92	20.19	16.23 @	.10
	1435	12.81	307	6.11	0.048	54	4.12	20.04	19.23	|
	1505	12.83	324	5.97	0.045	22	3.92	19.78	22.23	|
	1515	12.81	326	5.94	0.045	20	3.98	20.25	23.13	|
	1520	12.81	328	5.94	0.045	19	4.17	20.12	23.63	|
	1525	12.81	328	5.94	0.045	20	3.98	20.16	24.13	|
Sample:	1530	12.81	328	5.94	0.045	20	3.98	20.16	24.13	

Logged BY / Date: DKA 10-21-02

Reviewed BY / Date: [signature] 10/21/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW02

Sample Number: YP0003

Sample Name: HR-130Q-MW02-SS-YP0003-REG

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 1054

Start Depth: 0'

End Depth: 1'

Sample Team: L. O'Hare, J. Dendy

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:

See ~~sample~~ (LO) map for sample # YP0002

Logged BY / Date: Leslie O'Hare 10/3/00

Reviewed BY / Date: [illegible] 10-3-00

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW02

Sample Number: YP0004

Sample Name: HR-130Q-MW02-DS-YP0004-REG

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 1102

Start Depth: 1'

End Depth: 2'

Sample Team: J. Dendy, L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:

See map for sample YP0002

Logged BY / Date: [illegible] 10/3/00

Reviewed BY / Date: [illegible]

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-072701-EMX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW02

Sample Number: YP3002

Sample Name: HR-130Q-MW02-GW-YP3002-REG

Sampling Method: ~~SP~~ Bailing Teflon Lined

Collection Date: 07/27/01

Collection Time: ~~0845~~ 0855

Start Depth: 38.60

End Depth: 40.73

Sample Team: B. Groves - J. Cunningham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES	N	B	2	1	L	Amb. Glass
NITROAROMATIC	N	C	2	1	L	Amb. Glass
METALS-W	N	D	1	1	L	HDPE

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Comments:

Sketch Location:

07/27/01

Logged BY / Date: [signature] *Reviewed BY / Date:* [signature] 7/27/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW02**

Sample Number: **YP3002**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
07-26-01									
JAC	1200	37.85	185	5.64	.045	49.1	11.88	22.43	—
	1245	Well	Dry						1.75 gals
	1350	Well	Dry						3 gal
07/27/01									
Sample:	0855	38.60	259	4.46	.370	6.4	13.53	21.32	3 gal

TD - ~~80~~.80
37.85
2.95 x .163 = .48
.48 x 3 = 1.44
.48 x 5 = 2.40

VOC Free PH <2
Metal PH <2
PID - 0.0

Logged BY / Date: [signature] 07/27/01

Reviewed BY / Date: [signature] 7/27/01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: NA

Location Code: **HR-130Q-MW02**

Sample Number: **YP3016**

Sample Name: **HR-130Q-MW02-GW-YP3016-REG**

Sampling Method: **BP**

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 10-10-02

Collection Time: N/A

Start Depth:

End Depth:

Sample Matrix: **WATER**

Sample Team: D. Allen / K James

QC Partners:

(TB) NA (ER) NA (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	a	3	40	mL	VOA Vial

Comments:

Sketch Location:

TD = ~~16.55~~ DICA 40.86'

DTW = ~~16.53~~ DICA 40.58'

Well is dry

Logged BY / Date: 10-10-02 *Reviewed BY / Date:* 10-15-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW02**

Sample Number: **YP3016**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
NOT		Collected			Dry				
		Well	is						
Sample:									

Logged BY / Date: 10-10-02 *Reviewed BY / Date:* 10-15-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: ~~10~~ 130Q-100300-EMAX

Site: **Former Mock Village at Yahoo Lake (Parcel**

Location Code: **HR-130Q-MW03**

Sample Number: **YP0005**

Sample Name: **HR-130Q-MW03-SS-YP0005-REG**

Sampling Method: **DP**

Collection Date: 10/3/00

Collection Time: 0946

Start Depth: 0

End Depth: 1

Sample Team: J. Dendy, L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:

See map for sample # YP0002

Logged BY / Date: [illegible] 10/3/00 *Reviewed BY / Date:* [illegible]

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMAV

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW03

Sample Number: YP0006

Sample Name: HR-130Q-MW03-DS-YP0006-REG

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 1005

Start Depth: 6'

End Depth: 9'

Sample Team: J. Dendy
L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:

See map for sample # YP0002

Logged BY / Date: [signature] 10/3/00

Reviewed BY / Date: [signature]

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMA

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW03

Sample Number: YP0007

Sample Name: HR-130Q-MW03-DS-YP0007-FD

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 1005

Start Depth: 6'

End Depth: 9'

Sample Team: J. Dendy, L. O'Hara

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:

See map for sample # YP0002

Logged BY / Date: [signature] 10/3/00

Reviewed BY / Date: [signature]

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-SADL

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW03

Sample Number: YP0008

Sample Name: HR-130Q-MW03-DS-YP0008-FS

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 1005

Start Depth: 6'

End Depth: 9'

Sample Team: J. Dendy, L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID=0.0

Sketch Location:

See map for sample # YP0002.

Logged BY / Date: [signature] 10/3/00 *Reviewed BY / Date:* [signature]

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: ~~780567~~ 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-05219-Rmm

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW03

Sample Number: YP3003

Sample Name: HR-130Q-MW03-GW-YP3003-REG

Sampling Method: ~~SP~~ PP

Collection Date: 5/21/01

Collection Time: 1615

Start Depth: 2.12' TOC

End Depth: 2.56' TOC

Sample Team: N. Bader, L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
NITROAROMATIC	N	C	2	1	L	Amb. Glass
METALS-W	N	D	1	1	L	HDPE

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Comments:

Sketch Location:

Logged BY / Date: Nicole Bader 5/21/01

Reviewed BY / Date: Dorce 5-21-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: ~~780567~~ 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-~~MT~~ 052101-EMAX

Site: **Former Mock Village at Yahoo Lake (Parcel**

Location Code: **HR-130Q-MW03**

Sample Number: **YP3004**

Sample Name: **HR-130Q-MW03-GW-YP3004-FD**

Sampling Method: **SP**

Collection Date: 5/21/01

Collection Time: 1615

Start Depth: 2.12' TOC

End Depth: 2.56' TOC

Sample Team: N. Badon, L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
NITROAROMATIC	N	C	2	1	L	Amb. Glass
METALS-W	N	D	1	1	L	HDPE

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Comments:

Sketch Location:

Logged BY / Date: Nicole Badon 5/21/01 *Reviewed BY / Date:* [signature] 5-21-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: ~~780567~~ 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW03**

Sample Number: **YP3003**
YP3004

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
0.15gpm pump @ 15'TOC	1450	2.12	395	4.61	0.016	261	9.0	17.95	—
	1500	2.55	410	4.56	0.016	213.0	10.1	17.93	1.5
	1530	2.55	437	4.54	0.015	39	9.2	17.81	6.0
	1600	2.56	447	4.58	0.015	6.2	9.2	17.80	10.5
	1610	2.56	452	4.55	0.015	6.9	9.3	17.71	12.0
Sample:	1615	2.56	450	4.73	0.015	4.6	8.6	17.71	12.75

DTW = 2.12'TOC
TD = 26.09'TOC
TD - DTW = 23.97 x 0.163 = 3.90 (1 well vol.)

3 volumes = 11.72 gal
5 volumes = 19.5 gal

Metals: pH < 2 preserved

Logged BY / Date: [signature] 5/21/01 Reviewed BY / Date: [signature] 5-21-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-052302-EMAK

Location Code: HR-130Q-MW03

Sample Number: YP3014

Sample Name: HR-130Q-MW03-GW-YP3014-REG

Sampling Method: ~~BP~~ PP & Bailer

Sample Type: GW *Sample Purpose:* REG

Collection Date: 5/22/02

Collection Time: 1425

Start Depth: 10

End Depth: 25

Sample Matrix: WATER

Sample Team: Wilson/Alexander

QC Partners:

(TB) 052202-TB2 (ER) 052402-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments:

Sketch Location:

Logged BY / Date: 5/22/02

Reviewed BY / Date: 5/23/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW03**

Sample Number: **YP3014**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
KDW	0945	2.96'	224	4.61	0.013	4.8	8.86	17.91	0.042gpm
	1045	3.03'	217	4.77	0.012	4.2	10.11	19.50	2.5gal
	1145	3.09	199	4.69	0.011	6.0	10.32	19.65	5gal
	1245	3.11	212	4.44	0.012	4.0	10.94	20.43	7.5gal
	1345	3.11	205	4.47	0.012	2.9	10.72	21.64	10gal
	1410	3.09	203	4.50	0.013	5.3	10.53	22.47	11.05gal
	1415	3.07	203	4.52	0.012	8.7	10.10	21.83	11.26gal
	1420	3.07	204	4.52	0.012	4.1	10.02	21.92	11.47gal
	1425	3.07	202	4.57	0.013	3.9	9.88	21.22	11.68gal
Sample:	1425	3.07	202	4.57	0.013	3.9	9.88	21.22	11.68

TD - DTW = WC x .163 = 1 WELL vol. X 3 = 3 WELL vol.

1 WELL vol. X 5 = 5 WELL vol.

25.71 - 2.96' = 22.75 x .163 = 3.7 X 3 = 11.1 gal.

3.7 X 5 = 18.5 gal.

PID B.Z = 0.0 PID WELL HEAD = 0.0

pH < 2

Logged BY / Date: 5/22/02

Reviewed BY / Date: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-100802-EMAX

Location Code: **HR-130Q-MW03**

Sample Number: **YP3017**

Sample Name: **HR-130Q-MW03-GW-YP3017-REG**

Sampling Method: ~~BP~~ SP

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 10/8/02

Collection Time: 1030

Start Depth: 7' bgs

End Depth: 22' bgs

Sample Matrix: **WATER**

Sample Team: Allen / James

QC Partners:

(TB) 100702-TB (ER) 101102-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	a	3	40	mL	VOA Vial

Comments: PID Background = 0.0ppm Wellhead 0.3ppm BZ = 0.0ppm HCl to pH <2

Sketch Location: See map

Logged BY / Date: Latoria James 10/8/02

Reviewed BY / Date: [signature] 10-8-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW03**

Sample Number: **YP3017**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)	Purge Volume (gal)
	0945	6.44	285	4.96	0.006	141	11.73	20.10	CJ 10/8/02 ~~0~~ 1.5
	1000	6.59	239	4.75	0.006	40	9.06	19.72	6.0
	1015	6.55	250	4.75	0.006	19	9.83	20.57	10.5
	1020	6.55	255	4.75	0.006	11.6	9.89	20.57	12.0
	1025	6.54	258	4.74	0.006	9.7	9.88	20.45	13.5
Sample:	1030	6.54	* 258	4.74	0.006	9.7	9.88	20.45	13.5

* Final readings taken at 1025

TD - 25.71
DTW - 5.85
WC 19.86 X .163 = 3.24 (WV)
3.24 X 3 = 9.72 3.24 X 5 = 16.2

Logged BY / Date: R. James 10/8/02 *Reviewed BY / Date:* [illegible] 10-8-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW04

Sample Number: YP0009

Sample Name: HR-130Q-MW04-SS-YP0009-REG

Sampling Method: ~~DP~~ DP

Collection Date: 10/3/00

Collection Time: 1326

Start Depth: 0'

End Depth: 1'

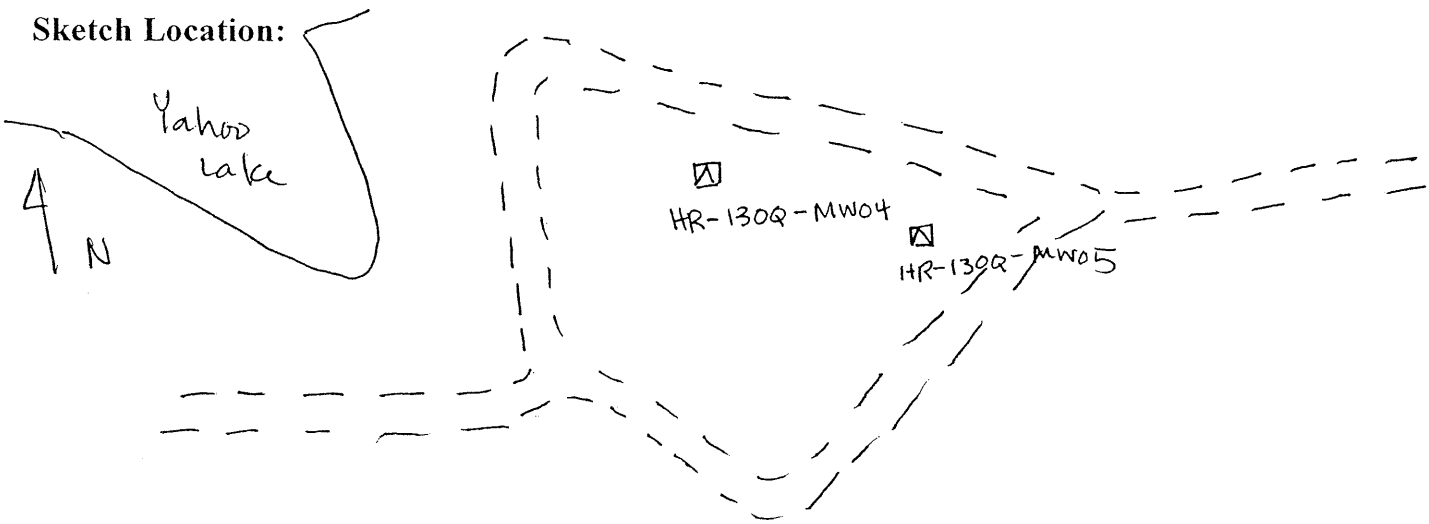
Sample Team: J. Dendy, L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:



Logged BY / Date: Leslie O'Hare 10/3/00

Reviewed BY / Date: DLKa 10-3-00

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW04

Sample Number: YP0010

Sample Name: HR-130Q-MW04-DS-YP0010-REG

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 1326

Start Depth: 3'

End Depth: 4'

Sample Team: J. Dendy, L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 0.0

Sketch Location:

see map for sample YP0009

Logged BY / Date: L. O'Hare 10/3/00

Reviewed BY / Date: D.K. [illegible] 10/3/00

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-072601-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW04

Sample Number: YP3006

Sample Name: HR-130Q-MW04-GW-YP3006-REG

Sampling Method: ~~SP~~ Bailing

Collection Date: 07/26/01

Collection Time: 0845

Start Depth: 223.82

End Depth: 224.00

Sample Team: B. Groves - J. Cunnigh

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
NITROAROMATIC	N	C	2	1	L	Amb. Glass
METALS-W	N	D	1	1	L	HDPE

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Comments:

Sketch Location:

Logged BY / Date: 07/26/01

Reviewed BY / Date: 7-26-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

Location Code: HR-130Q-MW04

Sample Number: YP3006

Bailing

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
07/25/01									
JAC	0950	223.82	276	3.99	.291	295	10.24	19.00	—
		—	187	4.62	.157	450	10.96	18.97	3.5 gals
		—	152	4.96	.098	678	10.10	18.81	7 gals
		—	110	5.58	.029	>1000	9.27	18.28	10.5
		—	123	5.61	.021	>1000	9.45	18.02	14
		230.99	125	5.60	.022	>1000	9.60	18 00	12.5
07/26/01									
Sample:	0845	223.82	313	3.75	.276	85.3	11.47	18.9	17.70

TD - 245.20
DTW - 223.82

21.38 x .163 = 3.48

3.48 x 3 = 10.45

3.48 x 5 = 17.42

Voc. Frac. PH < 2

PID - 0.0

Metals Fraction Decanted Then Preserved

Ph < 2

07/26/01

Logged BY / Date: [signature] Reviewed BY / Date: [signature] 7-26-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-101602-EMAX

Location Code: **HR-130Q-MW04**

Sample Number: **YP3019**

Sample Name: **HR-130Q-MW04-GW-YP3019-REG**

Sampling Method: ~~BP~~ BA

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 10-16-02

Collection Time: 1440

Start Depth: 215.5

End Depth: 235.5

Sample Matrix: **WATER**

Sample Team: D. Allen / L. Flippin

QC Partners:

(TB) 101602-TB (ER) 101802-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: PID BACKGROUND: 0.0, Wellhead: 0.4, BREATHING ZONE: 0.0

TD' - DTW' = WC' x .163 = PV (GALLONS)

241.44' - 208.75' = 32.69' x .163 = 5.33 GALLONS PV x 3 = 15.99 PV x 5 = 26.65

Sketch Location:

NOTE: @ approx 223' there is A curve in the well. Stainless steel Pumps and Bailers will NOT go PAST that point.

Logged BY / Date: [signature] 10-16-02 *Reviewed BY / Date:* [signature] 10/16/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW04**

Sample Number: **YP3019**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)	Purge Volume (gal)
10-14-02	1430	208.75							
DKA	1439	NM	121	5.61	0.017	719.0	10.54	16.33	.75
	1448		103	5.59	0.022	978.0	9.82	16.27	1.75
	1456		94	5.80	0.022	1000+	8.93	15.93	2.75
	1503		124	5.31	0.016	1000+	8.81	15.70	3.75
	1508		126	5.29	0.010	944.0	8.89	15.70	4.75
	1522	220.70	135	5.25	0.009	833.0	9.02	16.00	5.75
	1549	NM	145	5.14	0.011	498.0	8.72	15.71	6.75
	1604		152	5.06	0.009	741.0	9.18	15.80	7.75
	1621	220.88	157	5.03	0.009	1000+	7.88	15.72	8.75
	1637	NM	184	4.70	0.009	1000+	8.23	15.53	9.75
	1652		188	4.61	0.009	749.0	8.02	15.51	10.75
-15-02	1703		190	4.67	0.009	1000+	8.96	15.40	11.75
DKA	0905	208.91	—	—	—	—	—	—	11.75
	0910	NM	130	5.45	0.048	163.0	10.27	15.35	12.75
DKA ~~Sampler~~	0935	NM	129	5.41	0.015	454.0	9.68	15.12	13.75

NOTE: Stainless Steel Bailer used 10-14-02 1430-1522 hrs. Teflon Bailer used after 1522 hrs.

Continued on Pg #3

NM - Not Measured

Logged BY / Date: DKA 10-16-02 *Reviewed BY / Date:* [illegible] 10-16-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW04**

Sample Number: **YP3019**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)	Purge Volume (gal)
10-15-02 CONT									
DKA	0949	219.54	133	5.46	0.014	321.0	~~10.27~~ 9.73	~~15.35~~ 15.19	15.00
10-16-02	0955	209.02	139	5.72	0.017	100.0	10.16	15.11	15.50
	1007	NM	149	5.44	0.011	166.0	9.83	15.24	16.00
	1017		145	5.52	0.014	314.0	9.23	15.34	16.50
	1030	214.61	139	5.57	0.015	317.0	9.08	15.42	17.00
	1045	NM	132	5.68	0.019	342.0	9.11	15.56	17.50
	1053		131	5.69	0.017	323.0	9.08	15.34	17.75
	1103		135	5.67	0.017	361.0	8.95	15.36	18.25
	1112		132	5.77	0.020	353.0	9.13	15.33	18.75
	1120	216.54	133	5.69	0.017	331.0	9.09	15.34	19.15
	1135	NM	132	5.82	0.019	323.0	9.11	15.25	19.65
	1146		131	5.73	0.017	338.0	9.00	15.37	20.00
	1200		123	5.83	0.020	332.0	9.44	15.35	20.25
	1215		115	5.98	0.020	342.0	9.12	15.39	20.75
Sample:	1227	215.83	115	5.92	0.019	346.0	9.01	15.37	21.25

NOTE: 10-15-02 @ 0949 Stopped purging because of excessive rain.
NM = NOT measured

Continued on Page #4

Logged BY / Date: DKA 10-16-02 *Reviewed BY / Date:* [illegible] 10/17/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW04**

Sample Number: **YP3019**

NM = NOT MEASURED

PURGE RECORD:

Initial 10-16-02	Time(24hr) CONT	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)	Purge Volume (gal)
OKA	1235	NM	120	5.91	0.018	381.0	9.35	15.37	21.60
	1240		128	5.78	0.016	393.0	9.57	15.37	22.00
	1245		127	5.71	0.016	381.0	9.28	15.38	22.30
	1252		132	5.63	0.015	376.0	9.32	15.41	22.80
	1258		142	5.72	0.017	421.0	9.42	15.37	23.30
	1303		136	5.58	0.014	348.0	9.32	15.38	23.70
	1309		146	5.57	0.013	333.0	9.62	15.47	24.20
	1313		145	5.47	0.012	319.0	9.24	15.43	24.70
	1316		149	5.37	0.011	322.0	9.14	15.44	25.20
	1328	221.63	156	5.36	0.011	287.0	9.43	15.37	26.20
	1336		171	5.25	0.009	377.0	9.49	15.43	26.70
	1347		173	5.27	0.009	399.0	9.15	15.37	27.20
	will wait 1 hr for NTU's to settle.								
Sample:	1440	218.17	173	5.27	0.009	76.0	9.15	15.37	27.90

Logged BY / Date: Dex.a 10-16-02 *Reviewed BY / Date:* [illegible] 10-17-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMAX

Site: **Former Mock Village at Yahoo Lake (Parcel**

Location Code: **HR-130Q-MW05**

Sample Number: **YP0011**

Sample Name: **HR-130Q-MW05-SS-YP0011-REG**

Sampling Method: **DP**

Collection Date: 10/3/00

Collection Time: ~~1326~~ 1400 (10) 10/3/00

Start Depth: 0'

End Depth: 1'

Sample Team: J. Dendy
L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID = 41.0

Sketch Location:

See map for sample YP0009

Logged BY / Date: [illegible] 10/3/00 *Reviewed BY / Date:* [illegible] 10/3/00

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-100300-EMAV

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-MW05

Sample Number: YP0012

Sample Name: HR-130Q-MW05-DS-YP0012-REG

Sampling Method: DP

Collection Date: 10/3/00

Collection Time: 1420

Start Depth: ~~10/3~~ 7'

End Depth: 8'

Sample Team: J. Dendy
L. O'Hare

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CWM
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM

Comments: PID=0.0

Sketch Location:

See map for X sample YP0009.

Logged BY / Date: [signature] 10/3/00 *Reviewed BY / Date:* [signature] 10-3-00

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-050301-EMAX

Site: **Former Mock Village at Yahoo Lake (Parcel**

Location Code: **HR-130Q-MW05**

Sample Number: **YP3007**

Sample Name: **HR-130Q-MW05-GW-YP3007-REG**

Sampling Method: ~~SP~~ BP

Collection Date: 05/03/01

Collection Time: 1425

Start Depth: 31.88

End Depth: 44.86

Sample Team: Jewel Cunningham

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
NITROAROMATIC	N	C	2	1	L	Amb. Glass
METALS-W	N	D	1	1	L	HDPE

ERPIMS Values:

Sacode:

Lot Control#:

Sample Matrix:

Comments:

Sketch Location:

Logged BY / Date: 05/04/01 *Reviewed BY / Date:* 5-3-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 780567 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW05**

Sample Number: **YP3007**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	05/02/01								
JAC	1240	31.88	503	5.64	.049	396	4.41	19.89	— .5gal/5m
	1325	37.82	320	5.50	.045	431	3.86	24.15	4.5
	1410	40.89	295	5.40	.040	336	3.89	24.1	9
	1455	41.97	290	5.31	.039	324	3.73	24.2	13.5
	1540	46.41	290	5.35	.046	341	4.00	20.8	18
	1600	48.85	301	5.30	.044	284	4.16	20.85	20 — 1gal/5m
	1630	55.25	306	5.18	.047	642	4.21	17.85	26
05/03/01	0945	32.57	232	5.51	.060	901	5.37	23.2	26 — .5gal/5m
	1000	34.21	255	5.52	.038	390	5.16	18.4	27.5 — 1gal/5m
	1030	46.00	292	5.16	.035	257	4.36	18.1	33.5
	1045	48.95	294	5.16	.033	275	4.55	18.3	36.5 — .5gal/5m
	1115	49.00	298	5.17	.029	160	4.27	20.2	39.5
	1145	47.85	280	5.28	.031	190	4.30	22.8	42.5 — .25gal/5m lowest Rate
	1245	46.67	302	5.21	.029	81	3.93	23.2	45.5
	1345	45.35	305	5.13	.028	53	3.50	29.9	48.5
	1410	44.97	314	5.09	.028	45	3.69	27.4	49.75
	1415	44.91	313	5.06	.028	45	3.67	26.1	50
	1420	44.86	315	5.08	.028	43	3.66	26.7	50.25
Sample:	1425	44.80	316	5.06	.028	40	3.69	26.2	50.5

TD - 75.34
DTW - 31.88
43.46 X .163 = 7.08
7.08 X 3 = 21.25
7.08 X 5 = 35.40
7.08 X 6 = 42.48
7.08 X 7 = 49.56

Metals taken at 30 NTU
Doc. Frac. PH <2

05/04/01

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 5-3-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-101802-EMAX

Location Code: **HR-130Q-MW05**

Sample Number: **YP3020**

Sample Name: **HR-130Q-MW05-GW-YP3020-REG**

Sampling Method: **BP** (Reclaimer)

Sample Type: **GW** *Sample Purpose:* **REG**

QC Partners:

(TB) 101702-TB (ER) 101802-EK (FB) NA

Collection Date: 10-17-02

Collection Time: 1235

Start Depth: 50

End Depth: 70

Sample Matrix: **WATER**

Sample Team: O. Allen / L. Flippin

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: PID Background 0.0 Wellhead 0.3 Breathing Zone 0.0
TD − DTW = WC × .163 = PV TD = Total Depth / DTW = Depth to Water / WC = Water
74.0′ − 38.49′ = 35.51′ × .163 = 5.8 gal Column / PV = Purge Volumn

Sketch Location: 3x PV = 17.4 gal
5x PV = 29.0 gal

Sample pH tested and is less than 2.

Logged BY / Date: [signature] 10-17-02 *Reviewed BY / Date:* [signature] 10/18/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW05**

Sample Number: **YP3020**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen mg/l ~~(ppm)~~	Temperature (C)	Purge Volume (gal)
10-17-02	0855	38.49'							
DKA	0900	41.85	164	5.63	0.019	151	9.78	12.54	1 @ .2GPM
	0915	50.49	164	5.24	0.017	314	6.13	13.74	4
	0930	54.33	159	5.21	0.018	397	3.81	13.57	7
	0945	55.22	134	5.22	0.017	1000+	4.61	14.00	8.875 @ .125 GPM
	1000	56.23	147	5.14	0.016	1000+	4.44	14.50	10.75
	1015	56.95	156	5.13	0.016	670	4.28	14.44	12.625
	1030	57.57	157	5.14	0.016	407	4.33	14.11	14.50
	1045	58.12	155	5.19	0.016	370	4.31	14.20	16.375
	1115	59.33	157	5.16	0.015	332	3.76	14.90	20.125
	1145	59.98	152	5.18	0.015	274	3.69	15.75	23.875
	1215	61.99	145	5.27	0.015	642	4.24	15.49	27.625
	1220	62.09	145	5.26	0.015	528	4.13	15.58	28.250
	1225	62.17	143	5.26	0.015	420	4.11	15.55	28.875
	1230	62.29	144	5.26	0.015	394	4.15	15.58	29.50
Sample:	1235	62.29	144	5.26	0.015	319	4.15	15.58	29.5

Logged BY / Date: DKA 10-17-02 *Reviewed BY / Date:* [illegible] 10/18/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-101802-SMAL

Location Code: HR-130Q-MW~~04~~ 05 OKA

Sample Number: YP30~~19~~ 20 OKA-MS

Sample Name: HR-130Q-MW~~04~~ 05 OKA-GW-YP30~~19~~ 20 OKA-MS

Sampling Method: BP (Reclaimer)

Sample Type: GW *Sample Purpose:* MS

Collection Date: 10-17-02

Collection Time: 1235

Start Depth: 50

End Depth: 70

Sample Matrix: WATER

Sample Team: D. Allen / L. Flippin

QC Partners:

(TB) 101702-TB (ER) 101802-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: See Comments for Sample # YP3020

Sketch Location:

Logged BY / Date: [signature] 10-17-02 *Reviewed BY / Date:* [signature] 10/18/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: HR-130Q-MW~~04~~ 05 OKA

Sample Number: YP30~~19~~ 20 OKA-MS

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:									

See Purge Record for Sample # YP3020

Logged BY / Date: Deka 10-17-02 *Reviewed BY / Date:* [signature] 10/18/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 120-101802-EMAA

Location Code: HR-130Q-MW~~04~~ 05 OKA

Sample Number: YP30~~19~~ 20 OKA-MSD

Sample Name: HR-130Q-MW~~04~~ 05 OKA-GW-YP30~~19~~ 20 OKA-MSD

Sampling Method: BP (Reclaimer)

Sample Type: GW *Sample Purpose:* MSD

Collection Date: 10-17-02

Collection Time: 1235

Start Depth: 50

End Depth: 70

Sample Matrix: WATER

Sample Team: D. Allen / L. Flippin

QC Partners:

(TB) 101702-TB (ER) 101802-EK (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: See comments for Sample # YP3020

Sketch Location:

Logged BY / Date: [signature] 10-17-02 *Reviewed BY / Date:* [signature] 10/18/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW~~04~~** 05 DKA

Sample Number: **YP30~~19~~-MSD** 20 DKA

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
		See Purge Record for Sample # YP3020							
Sample:									

Logged BY / Date: DKA 10-17-02

Reviewed BY / Date: [signature] 10/18/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-052202-EMAK (K.K. 05-22-02)

Location Code: HR-130Q-MW06

Sample Number: YP3008

Sample Name: HR-130Q-MW06-GW-YP3008-REG

Sampling Method: ~~BP~~ GP & BAILER

Sample Type: GW *Sample Purpose:* REG

Collection Date: 5/21/02

Collection Time: 1630

Start Depth: 130

End Depth: 150

Sample Matrix: WATER

Sample Team: Wilson/Alexander

QC Partners:

(TB) 052102-TB2 (ER) 052402-ER (FB)

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments:

Sketch Location:

Logged BY / Date: [signature] 5/21/02

Reviewed BY / Date: [signature] 5/22/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW06**

Sample Number: **YP3008**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
KQV	1245	96.17'	-60	5.57	0.046	42	3.57	21.86	0.15 gpm
	1345	106.65	100	5.40	0.037	34	3.84	22.76	9
5/20/02	1445	109.88	112	5.26	0.035	26	3.78	21.43	18
	1545	114.98	146	5.06	0.033	24	3.73	23.66	27
	1645	118.51	170	4.99	0.029	9.4	3.81	22.91	36
5/21/02	0830	~~96.40~~ 95.40'	176	5.04	0.043	4.2	5.42	15.51	36
	0930	103.02	212	4.51	0.036	4.7	5.05	19.11	45
	1030	109.97	192	4.78	0.036	4.9	4.46	21.35	54
	1130	120.26	204	4.75	0.040	5.6	3.80	21.76	63
	1230	125.00	206	4.95	0.031	143	3.71	21.04	72
	1330	124.64	218	5.00	0.032	19.2	3.94	23.32	81
	1430	124.67	242	4.79	0.029	9.1	3.50	21.13	90
	1530	124.30	231	5.00	0.029	10.4	3.85	22.37	99
	1615	124.32	238	4.85	0.029	16.8	3.90	21.38	105.75
	1620	124.32	230	4.88	0.029	17.5	3.84	22.76	106.5
	1625	124.31	231	4.86	0.029	15.3	3.86	22.57	107.25
	1630	124.30	234	4.87	0.029	15.5	3.89	22.80	108.00
Sample:	1630	124.30	234	4.87	0.029	15.5	3.89	22.80	108.0

TD-DTW=WC X .653 = 1 WELL VOL. X 3 = 3 WELL VOL.
1 WELL VOL X 5 = 5 WELL VOL

150-96.17 = 53.83 X .653 = 35.15 gal X 3 = 105.45 gal
35.15 gal X 5 = 175.75 gal

PID B.Z. = 0.0 PID WELL = 0.0
pH < 2

Logged BY / Date: [signature] Reviewed BY / Date: [signature] 5/22/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-052102-EMAX

Location Code: HR-130Q-MW06

Sample Number: YP3008-MS

Sample Name: HR-130Q-MW06-GW-YP3008-MS

Sampling Method: ~~BP~~ GP / Bailer

Sample Type: GW *Sample Purpose:* MS

Collection Date: 5/21/02

Collection Time: 1630

Start Depth: 130

End Depth: 150

Sample Matrix: WATER

Sample Team: K. Wilson / J. Alexanc

QC Partners:

(TB) 052102-TB2 (ER) 052402-ER (FB)

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES 3	N	A	3	40	mL	VOA Vial

Comments:

Sketch Location:

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 5/22/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW06**

Sample Number: **YP3008-MS**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	SEE DATA ON YP3008								
Sample:									

5/21/02

Logged BY / Date: 5/21/02 *Reviewed BY / Date:* 5/22/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-052102-BMAX

Location Code: HR-130Q-MW06

Sample Number: YP3008-MSD

Sample Name: HR-130Q-MW06-GW-YP3008-MSD

Sampling Method: ~~BP~~ GP & BAILER

Sample Type: GW *Sample Purpose:* MSD

Collection Date: 5/21/02

Collection Time: 1630

Start Depth: 130

End Depth: 150

Sample Matrix: WATER

Sample Team: K. Wilson / J. Alexander

QC Partners:

(TB) 052102-TBL (ER) 052402-ER (FB)

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES 3	N	A	3	40	mL	VOA Vial

Comments:

Sketch Location:

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 5/22/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW06**

Sample Number: **YP3008-MSD**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
		SEE Data on YP3008							
Sample:									

Logged BY / Date: [signature] 5/21/02

Reviewed BY / Date: [signature] 5/22/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-101002-EMAK

Location Code: **HR-130Q-MW06**

Sample Number: **YP3021**

Sample Name: **HR-130Q-MW06-GW-YP3021-REG**

Sampling Method: ~~BP~~ BA

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 101902

Collection Time: 1355

Start Depth: 130'

End Depth: 150'

Sample Matrix: **WATER**

Sample Team: Allen / James

QC Partners:

(TB) 100902-TB (ER) 101102-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: SEE HR-130Q-MW06-GW-YP3018-FD

Sketch Location:

Logged BY / Date: J. James 10/9/02 *Reviewed BY / Date:* [illegible] 10-10-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW06**

Sample Number: **YP3021**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
SEE purge log for HR-130Q-MW06-GW-YP3018-FD									
Sample:									

Logged BY / Date: J. James 10/9/02 *Reviewed BY / Date:* Kirk Hogan 10-10-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-101002-EMAK

Location Code: HR-130Q-MW~~03~~ 06

Sample Number: YP3018

Sample Name: HR-130Q-MW~~03~~ 06-GW-YP3018-FD

Sampling Method: ~~BP~~ BA

Sample Type: GW *Sample Purpose:* FD

Collection Date: 10/9/02

Collection Time: 1355

Start Depth: 130'

End Depth: 150'

Sample Matrix: WATER

Sample Team: Allen / James

QC Partners:

(TB) 100902-TB (ER) 101102-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: PID: Background 0.0ppm, Well head 0.0ppm, BZ 0.0 ppm
HCl to pH < 2

Sketch Location: See map

Logged BY / Date: R. James 10/9/02 *Reviewed BY / Date:* [illegible] 10-10-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW~~03~~ 06**

Sample Number: **YP3018**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen mg/L ~~(ppm)~~	Temperature (C)	Purge Volume (gal)	Rate
10/8/02	1340	99.01	189	5.52	0.032	15.2	5.47	20.30	1.0	0.2 gpm
	1410	102.03	181	5.71	0.034	10.5	1.11	22.41	7.0	
	1440	105.79	240	5.67	0.032	7.8	1.03	22.47	13.0	
	1510	109.49	284	5.52	0.027	7.1	0.81	23.00	19.0	
	1540	111.57	276	5.48	0.026	6.2	0.78	22.84	25.0	0.4 gpm
	1610	123.39	483	5.23	0.022	13.8	0.75	22.56	37.0	
	1640	132.18	512	5.18	0.021	28	0.73	22.02	49.0	
10/9/02	0915	100.46	141	5.08	0.029	72.0	4.14	17.97	50.0	
	0945	105.89	254	4.86	0.023	14.9	1.07	20.55	57.0	
	1015	108.49	256	4.94	0.024	15.1	0.90	19.93	63.0	
	1045	108.15	206	5.32	0.034	11.1	1.31	19.06	69.0	
	1115	112.56	316	4.82	0.022	10.4	0.86	21.91	75.0	
	1145	119.17	260	4.73	0.021	30	0.95	23.66	81.0	
	1215	121.68	288	4.75	0.021	11.0	0.91	22.19	87.0	
	1245	126.21	307	4.68	0.020	10.5	0.74	22.66	93.0	
	1315	130.33	349	4.67	0.020	19.0	0.74	22.54	99.0	
	1335	130.84	334	4.69	0.020	15.3	0.73	22.84	105.0	
	1340	131.69	359	4.65	0.020	15.0	0.80	23.09	106.0	
	1345	132.92	397	4.60	0.020	14.3	0.84	22.55	107.0	
	1350	133.51	382	4.60	0.020	15.6	0.82	22.23	108.0	
Sample:	1355	*133.51	382	4.60	0.020	15.6	0.82	22.23	108.0	

* Final reading taken at 1350

TD 149

DTW 95.76

WC 53.24 x .653 = 34.77 (WV) x3 = 104.3 x5 = 173.85

Logged BY / Date: R. James 10/9/02 *Reviewed BY / Date:* [signature] 10-10-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-052402-EMAX

Location Code: **HR-130Q-MW07**

Sample Number: **YP3009**

Sample Name: **HR-130Q-MW07-GW-YP3009-REG**

Sampling Method: ~~BP~~ GP/bailer

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 86' bgs

Collection Time: 106' bgs

Start Depth: 5 24 02

End Depth: 0905

Sample Matrix: **WATER**

Sample Team: J. Alexander, K. Wills

QC Partners:

(TB) 052402-TB (ER) 052402-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES 3	N	A	3	40	mL	VOA Vial

Comments: PID BZ = 0.0 ppm, well head = 0.0 ppm; Volatile fraction pH < 2.

Sketch Location:

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] / 5/28/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW07**

Sample Number: **YP3009**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
	0850	88.24	168	4.85	0.020	151	9.29	17.04	0.06 gpm
	0950	91.98	136	5.09	0.020	207	8.25	22.47	3.6 gal
	1050	93.61	168	4.98	0.017	185	8.26	23.46	7.2 gal
	1150	96.17	168	4.92	0.016	43	7.40	24.08	10.8 gal (3 vols)
	1250	98.20	159	5.07	0.021	52	7.06	25.64	14.4 gal (4 vols)
	1350	100.47	145	5.17	0.023	45	6.48	30.41	18 gal
	1450	~~4.77~~ 102.77	153	5.22	0.029	110	7.57	28.92	21.6 gal
	1455	103.0	141	5.48	0.028	251	7.46	27.64	25.2 gal
	1500	103.50	139	5.57	0.028	496	7.53	25.72	28.8 gal
	1505	103.97	138	5.52	0.029	523	7.44	25.87	32.4
5/24	0905	—	247	4.66	0.044	19.	8.71	17.46	32.4
Sample:	0905	—	247	4.66	0.044	19	8.71	17.46	32.4

TD - DTW = WC x .163 = 1 well vol. X3 = 3 well vol.

1 well vol. X5 = 5 well vol.

110.05 - 88.24 = 21.81 x .163 = 3.56 x 3 = 10.7 gals

3.56 x 5 = 17.8 gals

Logged BY / Date: Reviewed BY / Date:

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-052402-EMAX

Location Code: HR-130Q-MW07

Sample Number: YP3010

Sample Name: HR-130Q-MW07-GW-YP3010-FD

Sampling Method: BP

Sample Type: GW *Sample Purpose:* FD

Collection Date: 5 24 02

Collection Time: 0905

Start Depth: 86' bgs

End Depth: 106' bgs

Sample Matrix: WATER

Sample Team: J. Alexander, K. Wilson

QC Partners:

(TB) 052402-TB (ER) 052402-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES	3	N	A	3	40	mL	VOA Vial

Comments: volatile fraction pH <2.

Sketch Location:

Logged BY / Date: [signature]

Reviewed BY / Date: [signature] 5/28/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW07**

Sample Number: **YP3010**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:									

See data table for YP3009

5 24 02

Logged BY / Date: [signature] 5/24/02 *Reviewed BY / Date:* [signature] / 5/28/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-101102-EMAK

Location Code: **HR-130Q-MW07**

Sample Number: **YP3022**

Sample Name: **HR-130Q-MW07-GW-YP3022-REG**

Sampling Method: ~~BP~~ BA

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 10/10/02

Collection Time: 1400

Start Depth: 86'

End Depth: 106'

Sample Matrix: **WATER**

Sample Team: Allen / James

QC Partners:

(TB) 101002-TB (ER) 101102-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: HCl to pH < 2. PID MALFUNCTION NO READINGS

Sketch Location: See map

TD − DTW = WC x .163 = PV

110.05' − 87.81' = 22.24' x .163 = 3.6 gallons

PV x 3

3.6 x 3 = 10.8 gallon

PV x 5

3.6 x 5 = 18.0 gallons

Logged BY / Date: A. James 10/10/02 *Reviewed BY / Date:* [illegible] 10-15-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW07**

Sample Number: **YP3022**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)	Purge Volume (gal)
	0910	87.81							
OKA	0915	90.06	110	5.85	0.016	665	10.15	17.44	0.5 @ 0.1gpm
	0930	91.80	166	5.12	0.012	298	8.25	19.63	2.0
	0945	93.19	176	5.11	0.013	867	7.95	21.35	3.5
	1000	95.01	194	5.07	0.012	416	7.76	21.04	5.0
	1015	96.27	196	5.04	0.011	246	7.02	21.11	6.5
	1030	96.39	195	5.08	0.011	439	7.59	20.45	8.0
	1045	99.32	199	5.02	0.010	372	7.40	22.03	9.5
	1100	98.91	188	5.14	0.011	195	7.06	20.95	11.0
	1115	101.97	176	5.23	0.013	1039	6.66	22.05	12.5
	1130	103.95	195	5.20	0.012	208	6.98	21.05	14.0
	1145	Well RAN Dry @ reading Time							15.5
Sample:	1400	96.53	195	5.20	0.012	208	6.98	21.05	15.5

Logged BY / Date: [signature] 10-10-02 *Reviewed BY / Date:* [signature] 10-15-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-051702-EMAX

Location Code: **HR-130Q-MW08**

Sample Number: **YP3011**

Sample Name: **HR-130Q-MW08-GW-YP3011-REG**

Sampling Method: ~~BP~~ PP

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 5 16 02

Collection Time: 1700

Start Depth: 51 ' bgs

End Depth: 71 ' bgs

Sample Matrix: **WATER**

Sample Team: J. Alexander, M. Shea

QC Partners:

(TB) 051602-TB2 (ER) 051702-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES 3	N	A	3	40	mL	VOA Vial

Comments: PID BZ = 0.0 ppm, wellhead = 0.0 ppm; volatile fraction pH < 2.

Sketch Location:

Logged BY / Date: [signature] *Reviewed BY / Date:* [signature] 5-16-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW08**

Sample Number: **YP3011**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal) gpm
	0850	16.80	239	5.00	.094	1.6	9.31	18.03	ϕ .05
	0910	18.22	slowing purge rate						1 .035
	0915	18.45	lowering intake to 30' btoc and increase rate						1.175 .05
	1135	19.32	223	5.15	.092	1.20	9.77	23.03	3.175 .05
	14~~20~~ 15 gallon	20.00	232	4.97	.063	1.15	7.84	21.97	16.~~425~~ 175 gallon .05
	1640	20.17	226	5.06	.057	1.30	8.22	22.15	23.425 .05
	1650	20.18	221	5.07	.052	1.00	8.05	22.29	23.925 .05
	1700	20.20	228	5.08	.051	1.00	8.15	21.78	24.425 .05
Sample:	1700	20.20	228	5.08	.051	1.00	8.15	21.78	24.425 .05

TD − DTW = water column × .163 = 1 volume

66.60 − 16.80 = 49.8 ft × .163 = 8.12 gallons

× 3 = 24.35 gallons

Logged BY / Date: [signature] Reviewed BY / Date: [signature] 5-16-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130-100802-EMAK

Location Code: HR-130Q-MW08

Sample Number: YP3023

Sample Name: HR-130Q-MW08-GW-YP3023-REG

Sampling Method: ~~BP~~ SP

Sample Type: GW *Sample Purpose:* REG

QC Partners:

(TB) 100702-TB (ER) 101102-ER (FB) NA

Collection Date: 10/7/02

Collection Time: 1705

Start Depth: 51' bgs

End Depth: 71' bgs

Sample Matrix: WATER

Sample Team: Allen / James

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: PID Background 0.9 ppm Well head 2.0 ppm BZ = 0.9 ppm, HCl to < 2

Sketch Location:

Logged BY / Date: T. James 10/7/02 Reviewed BY / Date: Kirsten Hogan 10-8-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW08**

Sample Number: **YP3023**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)	Purge Volume (gal)
	1515	26.82	272	4.89	0.034	7.8	8.30	20.87	1.0
	1530	—	185	4.73	0.029	4.6	11.36	19.30	4.0
	1545	30.65	242	4.70	0.027	4.3	10.10	19.29	7.0
	1600	31.28	237	4.71	0.027	5.2	6.13	19.15	10.0
	1615	31.68	240	4.70	0.027	5.0	9.21	18.88	13.0
	1630	32.05	244	4.71	0.027	4.7	6.28	18.68	16.0
	1645	32.25	238	4.71	0.027	2.8	7.53	—	19.0
	1650	32.43	208	4.70	0.027	4.7	7.56	18.49	20.0
	1655	32.55	183	4.69	0.027	5.3	7.80	18.41	21.0
	1700	32.34	207	4.70	0.027	4.0	7.78	18.39	22.00
Sample:	1705	*32.34	207	4.70	0.027	4.0	7.78	18.39	22.00

TD=66.60
DTW=22.75
WC=43.85 X .163 = 7.15
7.15 X 3 = 21.44 7.15 X 5 = 35.73

Logged BY / Date: R. James 10/7/02 *Reviewed BY / Date:* [signature] 10-8-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-051502-EMAX

Location Code: HR-130Q-MW09

Sample Number: YP3012

Sample Name: HR-130Q-MW09-GW-YP3012-REG

Sampling Method: ~~BP~~ PP

Sample Type: GW *Sample Purpose:* REG

Collection Date: 5 15 02

Collection Time: 1350

Start Depth: 60' bgs

End Depth: 80' bgs

Sample Matrix: WATER

Sample Team: ~~R.G. & D.N.~~ J.A. M.S.

QC Partners:

(TB) 051502-TB2 (ER) 051702-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES 3	N	A	3	40	mL	VOA Vial

Comments: PID BZ = 0.0 ppm, wellhead = 0.5 ppm. volatile fraction pH<2. HCl preservative.

Sketch Location:

Logged BY / Date: Reviewed BY / Date: 5-15-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW09**

Sample Number: **YP3012**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)	(bTOC) depth
	0900	8.42	160	5.42	.027	7.46	10.24	15.65	Φ	13'
	1036	8.90	165	5.27	.014	8.14	10.19	16.84	12	13'
	1212	8.91	210	5.30	.012	1.75	10.89	18.32	24	13'
	1330	8.91	235	4.73	.013	1.20	12.12	21.24	33.75	13'
	1340	8.91	240	4.70	.012	1.43	11.85	~~21.24~~ 20.62	35	13'
	1350	8.91	242	4.70	.011	0.83	11.72	20.13	36.25	13'
Sample:	1350	8.91	242	4.70	.011	0.83	11.72	20.13	36.25	13'

TD − DTW = water column × .163 = 1 vol × 3 vol

82.36 − 8.42 = 73.94 × .163 = 12.05 × 3 = 36.15

Logged BY / Date: Reviewed BY / Date: 5-15-03

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-100802-EMAX

Location Code: **HR-130Q-MW09**

Sample Number: **YP3024**

Sample Name: **HR-130Q-MW09-GW-YP3024-REG**

Sampling Method: ~~BP~~ BA

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 10/7/02

Collection Time: 12:50

Start Depth: 60' bgs

End Depth: 80' bgs

Sample Matrix: **WATER**

Sample Team: Allen / James

QC Partners:

(TB) 100702-TB (ER) 101102-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: Background = 0.5 ppm Wellhead = 0.7 ppm BZ = 0.4 ppm
HCl to pH < 2

Sketch Location:

Logged BY / Date: J. James 10/7/02 *Reviewed BY / Date:* [illegible] 10/7/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW09**

Sample Number: **YP3024**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)	Purge Volume (gal)
	1130	12.35	378	4.94	0.010	13.4	9.53	17.45	3.75
	1200	11.89	324	4.62	0.009	13.2	9.69	17.66	26.25
	1230	11.91	284	4.52	0.008	10.2	10.37	17.78	48.75
	1235	11.91	260	4.49	0.008	8.7	10.48	17.41	52.5
	1240	11.92	261	4.53	0.008	6.8	10.55	17.29	56.25
	1245	11.92	234	4.51	0.008	5.3	10.47	17.49	60.0
Sample:	1250	*11:92	234	4.51	0.008	5.3	10.47	17.49	60.00

TD = 82.36
DTW = 11.15
WC = 71.21 x .163 = 11.6 (PV)
11.6 x 3 = 34.8 11.6 x 5 = 58

* Final readings taken at 12:45

Logged BY / Date: J. James 10/7/02 *Reviewed BY / Date:* [illegible] 10/7/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number:

Location Code: **HR-130Q-MW10**

Sample Number: **YP3013**

Sample Name: **HR-130Q-MW10-GW-YP3013-REG**

Sampling Method: ~~BP~~ teflon bailer

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: ~~108' bgs~~ 51502

Collection Time: ~~138' bgs~~ 1040

Start Depth: 108' bgs

End Depth: 138' bgs

Sample Matrix: **WATER**

Sample Team: J. Alexander, M. Shoemaker

QC Partners:

(TB) 051502-TB2 (ER) 051702-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: PID BZ = 0.0, wellhead = 0.5 ppm. Preserved w/ HCl pH volatile fraction < 2.

Sketch Location:

Reviewed BY / Date: Reviewed BY / Date: 5-15-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW10**

Sample Number: **YP3013**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)	
5/14	0900	87.95	187	5.12	0.036	309	8.58	16.09	0	0.1
	0912	95.48	195	4.96	0.031	179	8.72	17.35	2.256	0.18
	0943	105.05	174	5.10	0.047	252	7.80	21.33	8.084	0.1
	1026	112.72	178	5.47	0.068	795	8.66	18.77	16.17	0.31
	1052	114.96	181	5.35	0.050	447	7.86	22.16	24.25	0.3
	1118	118.11	194	5.26	0.038	358	8.33	20.30	32.34	0.3
	1144	120.30	185	5.34	0.041	999+	8.46	24.13	40.42	0.3
	1326	109.76 RESTART	180	5.44	0.037	147	8.90	19.59	40.42	0.18
	~~1409~~ 1355	112.29	194	5.36	0.039	194	8.87	21.96	45.87	0.19
	1400	112.89	198	5.19	0.040	~~148~~ 176	8.46	21.25	46.81	0.18
	1405	113.38	197	5.18	0.041	189	8.05	21.19	47.75	0.1
	1410	113.83	197	5.24	0.042	183	8.11	21.53	48.69	0.18
5/15	1040	91.46	192	5.21	0.025	8.76	8.93	17.58	48.69	bailed sample
Sample:	1040	91.46	192	5.21	0.025	8.76	8.93	17.58	48.69	bailed sample

TD − DTW = water column × .163 = 1 vol.

139.40 − 90.70 = 48.7 × .163 = 8.084 × 3 = 24.25 gal.

× 5 = 40.42 gal.

5-15-00

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: 130-100102-EMAX

Location Code: **HR-130Q-MW10**

Sample Number: **YP3025**

Sample Name: **HR-130Q-MW10-GW-YP3025-REG**

Sampling Method: ~~BP~~ BA

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 10-18-02

Collection Time: 1030

Start Depth: 108

End Depth: 138

Sample Matrix: **WATER**

Sample Team: D. Allen / L. Flippin / R. Goins

QC Partners:

(TB) 101802-TB (ER) 101802-ER (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments: PID Background 0.0 Wellhead 1.3 Breathing Zone 0.0
Total Depth (TD) − Depth to Water (DTW) = Water Column (WC) x .163 = Purge Volume (PV)
136.55' − 92.71' = 43.84' x .163 = 7.15 gal
3 x PV = 21.45 gal
5 x PV = 35.79 gal

Sketch Location:

Volatiles pH is less than 2.

Logged BY / Date: DOKA 10-18-02 *Reviewed BY / Date:* [signature] 10/21/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **HR-130Q-MW10**

Sample Number: **YP3025**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)	Purge Volume (gal)
10-17-02	1500	92.71							
OKA	1505	93.58	130	5.56	0.022	1000+	6.62	17.34	1 @ .2GPM
	1535	102.16	163	5.13	0.016	1000+	6.86	19.73	7
	1605	109.81	161	5.32	0.020	303	6.86	20.59	13
	1635	111.02	156	5.30	0.024	103	7.59	20.55	20.5 @ .25GPM
	1700	114.87	174	5.08	0.019	392	7.46	20.22	30.5 @ .4GPM
10-18-02	0900	93.34	START						30.5
	0905	98.66	276	5.03	0.025	153	7.35	16.52	31.0 @ .1GPM
	0920	99.38	306	5.02	0.023	123	6.75	15.38	~~34.0~~ 32.5
	0935	102.35	257	5.00	0.024	1000+	6.19	19.71	33.0
	0950	105.15	301	4.96	0.023	272	7.03	21.36	34.5
	1005	105.95	306	5.02	0.023	193	7.11	19.68	36.0
	1020	107.08	309	5.02	0.023	151	6.71	21.50	37.5
Sample:	1030	107.08	309	5.02	0.023	151	6.71	21.50	37.9

Logged BY / Date: DaKa 10-18-02 *Reviewed BY / Date:* [signature] 10/21/02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

Former Mock Village at Yahoo Lake (Parcel 130Q-X)

Site: ~~Ground Scar near the ASP (Parcel 156)~~ LTV 1/15/01

Location Code: HR-130Q-DEP01

Sample Number: YP0013

Sample Name: HR-130Q-DEP01-DEP-YP0013-REG

Sampling Method: HA

RFA / COC Number: 130Q-011501-EMAX

Collection Date: 1/15/01

Collection Time: 1045

Start Depth: 0.0'

End Depth: 0-5'

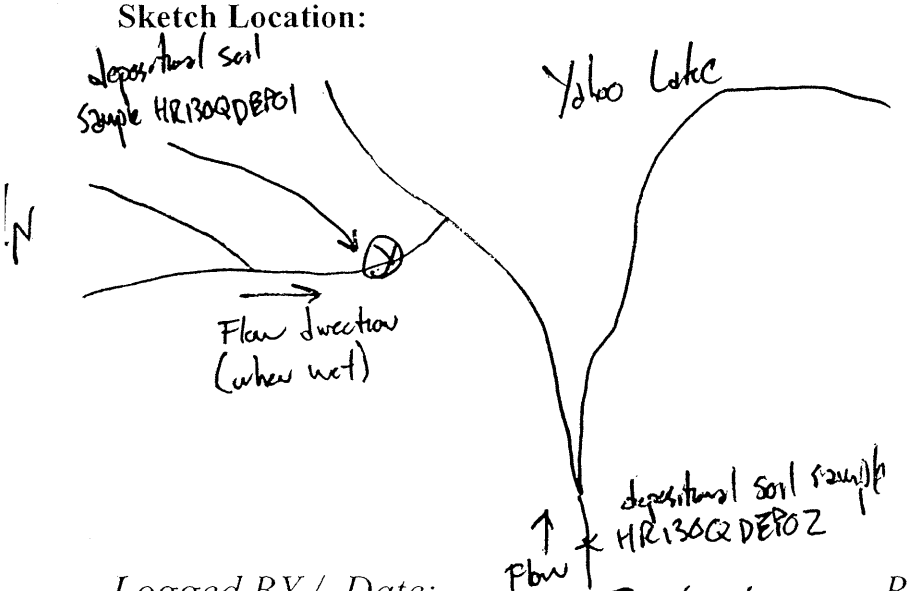
Sample Team: J. Williams, L. Yates

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
GR. SIZE	N	D	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Comments: No surface water present, no surface water collected! Sample collected approximately 20' upstream of high water mark of Yahoo Lake.

Sketch Location:



Logged BY / Date: 1/15/01

Reviewed BY / Date: 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

Site: ~~Ground Scar near the ASP (Parcel 156)~~ Former Mock Village at Yahoo Lake (Parcel 130Q-X) LTT 1/15/01

Location Code: HR-130Q-DEP02

Sample Number: YP0014

Sample Name: HR-130Q-DEP02-DEP-YP0014-REG

Sampling Method: HA

RFA / COC Number: 130Q-011501-EMAF

Collection Date: 1/15/01

Collection Time: 1030

Start Depth: 0.0'

End Depth: 0-5'

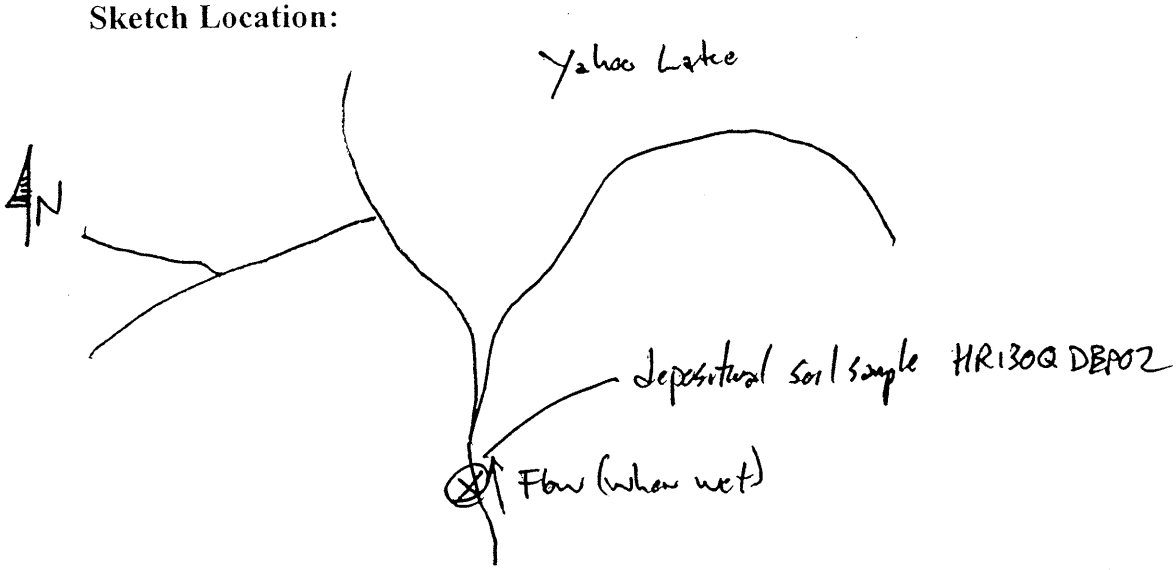
Sample Team: J. Williams, L. Yates

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
GR. SIZE	N	D	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Comments: No surface water present, no surface water collected. Sample collected approximately 100' upstream of high water mark of Yahoo Lake.

Sketch Location:



Logged BY / Date: [signature] 1/15/01

Reviewed BY / Date: [signature] 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-011501-EMAX

Site: ~~Ground Scar near the ASP (Parcel 156)~~

Location Code: HR-130Q-DEP03

Sample Number: YP0015

Sample Name: HR-130Q-DEP03-DEP-YP0015-REG

Sampling Method: HA

Collection Date: 1/15/01

Collection Time: 1115

Start Depth: 0-0'

End Depth: 0-5'

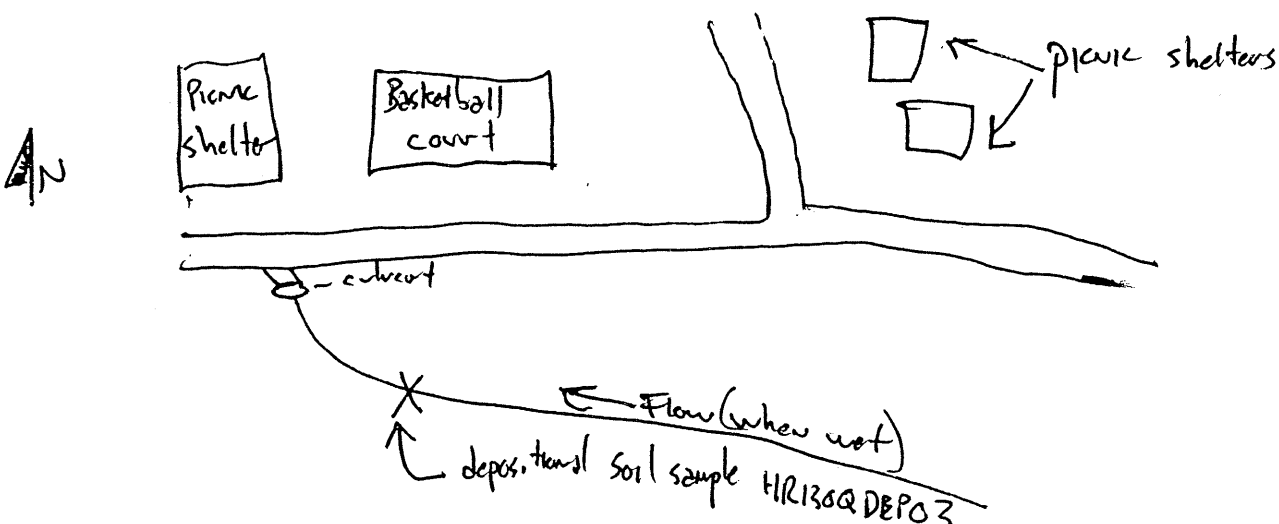
Sample Team: J. Williams, L. Yates

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
GR. SIZE	N	D	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Comments: No surface water present, no surface water collected.

Sketch Location:



Logged BY / Date: J.W. 1/15/01

Reviewed BY / Date: OKA 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-011501-EMAK

Site: ~~Ground Scar near the ASP (Parcel 156)~~

Location Code: HR-130Q-DEP03

Sample Number: YP0015-MS

Sample Name: HR-130Q-DEP03-DEP-YP0015-MS

Sampling Method: HA

Collection Date: 1/15/01

Collection Time: 1115

Start Depth: 0.0'

End Depth: 0.5'

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Sample Team: J. Williams
L. Yates

Comments: See comments sample # YP0015

Sketch Location: See sketch sample # YP0015

Logged BY / Date: J. W 1/15/01

Reviewed BY / Date: 1-15-01 [illegible]

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-011501-EMAX

Site: ~~Ground Scar near the ASP (Parcel 156)~~

Location Code: HR-130Q-DEP03

Sample Number: YP0015-MSD

Sample Name: HR-130Q-DEP03-SD-YP0015-MSD

Sampling Method: HA

Collection Date: 1/15/01

Collection Time: 1115

Start Depth: 0.0'

End Depth: 0.5'

Sample Team: J. Williams, L. Yates

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Comments: See comments for sample # YP0015

Sketch Location: See sketch for sample # YP0015

Logged BY / Date: J.W. 1/15/01

Reviewed BY / Date: ORK 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 1306-011501-EMAX

Site: ~~Ground Scar near the ASP (Parcel 156)~~

Location Code: HR-130Q-DEP03

Sample Number: YP0016

Sample Name: HR-130Q-DEP03-DEP-YP0016-FD

Sampling Method: HA

Collection Date: 1/15/01

Collection Time: 1115

Start Depth: 0-0'

End Depth: 0-5'

Sample Team: J. Williams, L. Yates

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Comments: See comments for sample YP0015

Sketch Location: See sketch for sample YP0015

Logged BY / Date: J. Williams 1/15/01

Reviewed BY / Date: ORK 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-011501-~~EMAX~~ SADL 1/15/01

Site: ~~Ground Scar near the ASP (Parcel 156)~~

Location Code: HR-130Q-DEP03

Sample Number: YP0017

Sample Name: HR-130Q-DEP03-DEP-YP0017-FS

Sampling Method: HA

Collection Date: 1/15/01

Collection Time: 1115

Start Depth: 0-0'

End Depth: 0-5'

Sample Team: J. Williams, L. Yates

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Comments: See comments for sample # YP0015

Sketch Location: See sketch for sample # YP008

Logged BY / Date: J. W. 1/15/01

Reviewed BY / Date: D.K.C. 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-011501-EMAX

Site: ~~Ground Scar near the ASP (Parcel 156)~~

Location Code: HR-130Q-DEP04

Sample Number: YP0018

Sample Name: HR-130Q-DEP04-DEP-YP0018-REG

Sampling Method: HA

Collection Date: 1/15/01

Collection Time: 1210

Start Depth: 0.0'

End Depth: 0-5'

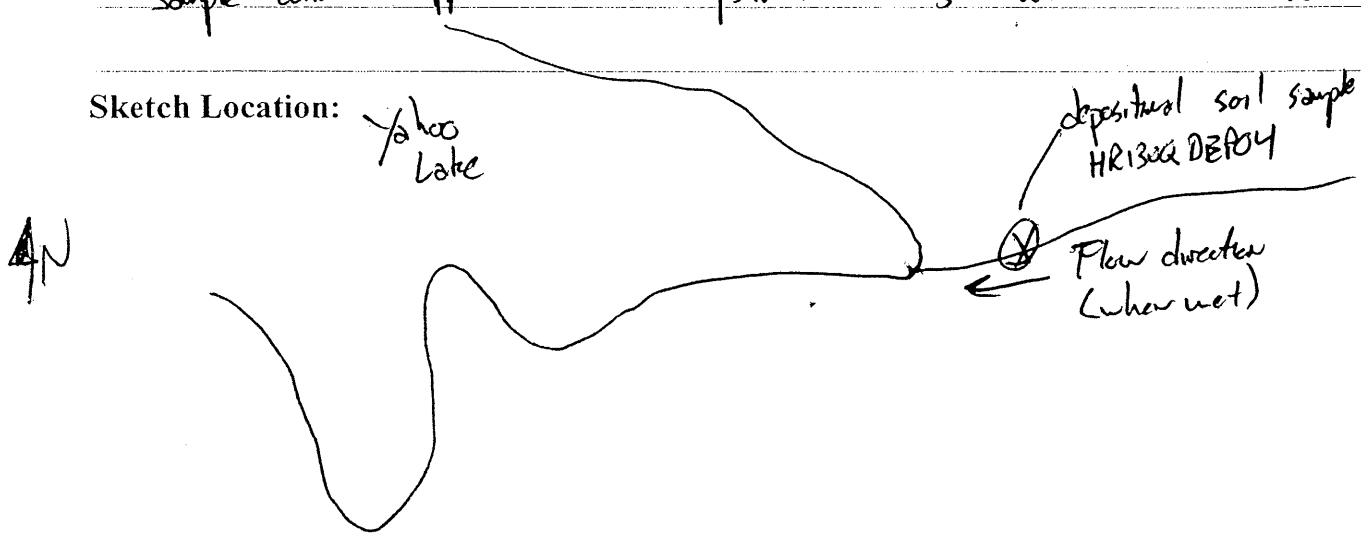
Sample Team: J. Williams, L. Yates

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
GR. SIZE	N	D	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Comments: No surface water present, no surface water collected. Sample collected approximately 30' upstream of high water mark of Yahoo Lake.

Sketch Location:



Logged BY / Date: JW 1/15/01

Reviewed BY / Date: DRK 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-011501-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-SW/SD05

Sample Number: YP2007

Sample Name: HR-130Q-SW/SD05-SW-YP2007-REG

Sampling Method: GRAB

Collection Date: 1/15/01

Collection Time: 1415

Start Depth: Ø

End Depth: Ø

Sample Team: J. Williams, L. Yates

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass

CH 7/12/01

Surface Water Parameters:	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)
	255	6.02	.116	18	9.93	9.1

Comments: Samples for volatiles and metals preserved to a pH < 2.

Sketch Location: See sketch for sample # YP1007

Logged BY / Date: J. W 1/15/01

Reviewed BY / Date: 1-15-01 ORKC

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-011501-EMAX

Site: ~~Former Mock Village at Yahoo Lake (Parcel~~ OK

Location Code: HR-130Q-SW/SD05

Sample Number: YP1007

Sample Name: HR-130Q-SW/SD05-SD-YP1007-REG

Sampling Method: HA

Collection Date: 1/15/01

Collection Time: 1415

Start Depth: 0.0'

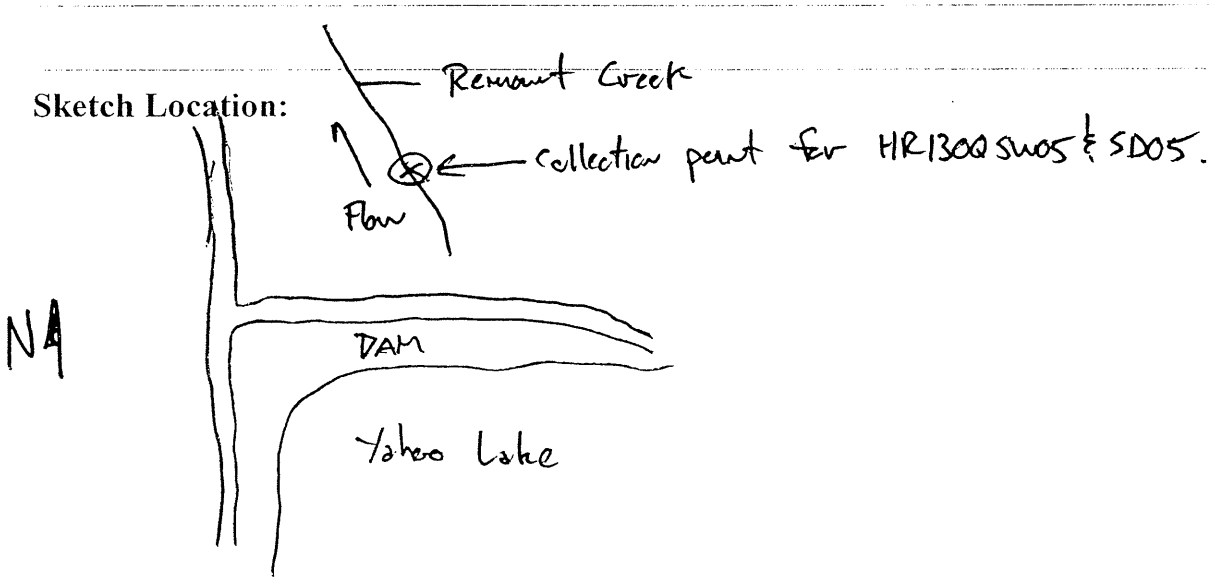
End Depth: 0.5'

Sample Team: J. Williams, L. Yates

Analytical Suite	Flt	Frtn	Containers Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
GR. SIZE	N	D	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Comments: Sample collected approximately 250' downstream of dam.

Sketch Location:



Logged BY / Date: J. W[illegible] 1/15/01

Reviewed BY / Date: [illegible] 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-011501-EMAY

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-SW/SD06

Sample Number: YP2008

Sample Name: HR-130Q-SW/SD06-SW-YP2008-REG

Sampling Method: GRAB

Collection Date: 1/15/01

Collection Time: 1500

Start Depth: Ø

End Depth: Ø

Sample Team: J. Williams, L. Yates

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial
SEMIVOLATILES_	N	B	2	1	L	Amb. Glass
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass

CH 1/17/01

Surface Water Parameters:	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen ~~(ppm)~~ mg/L	Temperature (C)
	98	5.97	.113	8	8.17	14.01

Comments: Samples for volatiles and metals preserved to pH <2

Sketch Location: See sketch for sample # YP2008.

Logged BY / Date: J.W. 1/15/01

Reviewed BY / Date: DRC 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 130Q-011501-EMAX

Site: Former Mock Village at Yahoo Lake (Parcel

Location Code: HR-130Q-SW/SD06

Sample Number: YP1008

Sample Name: HR-130Q-SW/SD06-SD-YP1008-REG

Sampling Method: HA

Collection Date: 1/15/01

Collection Time: 1500

Start Depth: 0-0'

End Depth: 0-5'

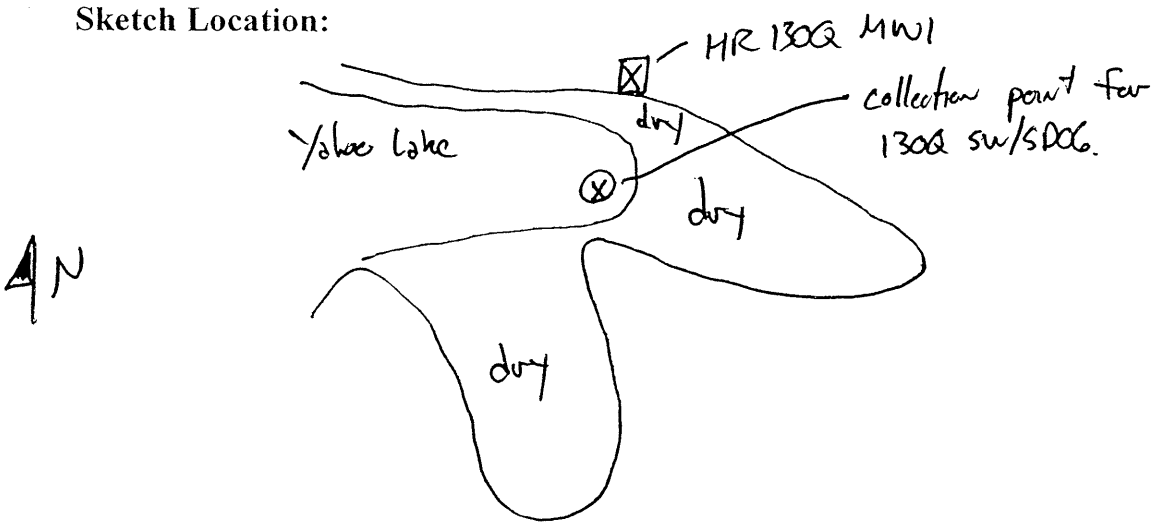
Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
NITROAROMATIC	N	B	1	8	oz	CWM
SEMIVOLATILES_	N	B	1	8	oz	CWM
METALS-S	N	C	1	8	oz	CWM
GR. SIZE	N	D	1	8	oz	CWM
TOC	N	E	1	4	oz	CWM

Sample Team: J. Williams
L. Yates

Comments: Sample collected approximately 200 yards southwest of 130QMW1.

Sketch Location:



Logged BY / Date: [signature] 1/15/01

Reviewed BY / Date: [signature] 1-15-01

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

RFA / COC Number: NA

Location Code: **BK-YAHOU**

Sample Number: **YP3026**

Sample Name: **BK-YAHOU-GW-YP3026-REG**

Sampling Method: **BP**

Sample Type: **GW** *Sample Purpose:* **REG**

Collection Date: 10-10-02

Collection Time: N/A

Start Depth:

End Depth:

Sample Matrix: **WATER**

Sample Team: D Allen / K. James

QC Partners:

(TB) NA (ER) NA (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	40	mL	VOA Vial

Comments:

Sketch Location:

TD = 16.55
DTW = 16.53

Well Dry

Logged BY / Date: 10-10-02 *Reviewed BY / Date:* 10-15-02

INTERNATIONAL TECHNOLOGY CORPORATION

Sample Collection Log

Project: 796887 **Fort McClellan**

Manager: Jeanne Yacoub

Location Code: **BK-YAHOU**

Sample Number: **YP3026**

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
NOT Sampled Well is dry									
Sample:									

Logged BY / Date: Dexa 10-10-02 *Reviewed BY / Date:* [illegible] 10-15-02

ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS

L2/N1 00J018

IT CORPORATION
A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-100300-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 03 OCT 2000
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/792374976320/790371689180

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal:
Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation) DeKlein	Date: 10-3-00 Time: 1800	1. Received By (Signature/Affiliation) [signature]	Date: 10-4-00 Time: 10:00 Am
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T=2.5°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
YP0001	HR-130Q-MW01-SS-YP0001-REG	03 OCT 2000	08:35	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0001	HR-130Q-MW01-SS-YP0001-REG	03 OCT 2000	08:35	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0001-MS	HR-130Q-MW01-SS-YP0001-MS	03 OCT 2000	08:35	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0001-MS	HR-130Q-MW01-SS-YP0001-MS	03 OCT 2000	08:35	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0001-MSD	HR-130Q-MW01-SS-YP0001-MSD	03 OCT 2000	08:35	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		

1003

L2(N1 00J018

IT CORPORATION
A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-100300-EMAX

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1	YP0001-MSD	HR-130Q-MW01-SS-YP0001-MSD	03 OCT 2000	08:35	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
2	YP0002	HR-130Q-MW01-DS-YP0002-REG	03 OCT 2000	09:07	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0002	HR-130Q-MW01-DS-YP0002-REG	03 OCT 2000	09:07	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
3	YP0003	HR-130Q-MW02-SS-YP0003-REG	03 OCT 2000	10:54	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	YP0003	HR-130Q-MW02-SS-YP0003-REG	03 OCT 2000	10:54	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
4	YP0004	HR-130Q-MW02-DS-YP0004-REG	03 OCT 2000	11:02	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0004	HR-130Q-MW02-DS-YP0004-REG	03 OCT 2000	11:02	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
5	YP0005	HR-130Q-MW03-SS-YP0005-REG	03 OCT 2000	09:46	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0005	HR-130Q-MW03-SS-YP0005-REG	03 OCT 2000	09:46	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
6	YP0006	HR-130Q-MW03-DS-YP0006-REG	03 OCT 2000	10:05	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0006	HR-130Q-MW03-DS-YP0006-REG	03 OCT 2000	10:05	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
7	YP0007	HR-130Q-MW03-DS-YP0007-FD	03 OCT 2000	10:05	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	YP0007	HR-130Q-MW03-DS-YP0007-FD	03 OCT 2000	10:05	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
8	YP0009	HR-130Q-MW04-SS-YP0009-REG	03 OCT 2000	13:26	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0009	HR-130Q-MW04-SS-YP0009-REG	03 OCT 2000	13:26	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
9	YP0010	HR-130Q-MW04-DS-YP0010-REG	03 OCT 2000	13:26	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0010	HR-130Q-MW04-DS-YP0010-REG	03 OCT 2000	13:26	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
10	YP0011	HR-130Q-MW05-SS-YP0011-REG	03 OCT 2000	14:00	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0011	HR-130Q-MW05-SS-YP0011-REG	03 OCT 2000	14:00	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
11	YP0012	HR-130Q-MW05-DS-YP0012-REG	03 OCT 2000	14:20	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0012	HR-130Q-MW05-DS-YP0012-REG	03 OCT 2000	14:20	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils,	N		

1004

22/N1

00J018

IT CORPORATION

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-100300-EMAX

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
11						Nitroaromatics by 8330, Semivolatiles by 8270C			

1005

N1 00J018

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-100500-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 05 OCT 2000
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/791866515760/791866516750

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: NONE

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal:
Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 10-5-00 Time: 1700	1. Received By (Signature/Affiliation)	Date: 10-6-00 Time: 10:00AM
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: NONE

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
YP0006	HR-130Q-MW03-DS-YP0006-REG	03 OCT 2000	10:05	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		

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1006

N2/H6 01A125 01A126 01A127

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-011501-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time:

Samples Shipment Date: 15 JAN 2001
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/7919 4605 3015

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: NORMAL TAST

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 1/15/01 Time: 1800	1. Received By (Signature/Affiliation)	Date: 1-16-01 Time: 9:30 AM
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: Cooler #1 T=2.5°C
Cooler #2 T=3.1°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
126-01 YP0013	HR-130Q-DEP01-DEP-YP0013-REG	15 JAN 2001	10:45	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0013	HR-130Q-DEP01-DEP-YP0013-REG	15 JAN 2001	10:45	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0013	HR-130Q-DEP01-DEP-YP0013-REG	15 JAN 2001	10:45	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
YP0013	HR-130Q-DEP01-DEP-YP0013-REG	15 JAN 2001	10:45	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
126-02 YP0014	HR-130Q-DEP02-DEP-YP0014-REG	15 JAN 2001	10:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0014	HR-130Q-DEP02-DEP-YP0014-REG	15 JAN 2001	10:30	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0014	HR-130Q-DEP02-DEP-YP0014-REG	15 JAN 2001	10:30	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		

N2/H6 01A125 01A126 01A127

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-011501-EMAX

Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
26 02 YP0014	HR-130Q-DEP02-DEP-YP0014-REG	15 JAN 2001	10:30	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
26 03 YP0015	HR-130Q-DEP03-DEP-YP0015-REG	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
YP0015	HR-130Q-DEP03-DEP-YP0015-REG	15 JAN 2001	11:15	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
YP0015	HR-130Q-DEP03-DEP-YP0015-REG	15 JAN 2001	11:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0015	HR-130Q-DEP03-DEP-YP0015-REG	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0015-MS	HR-130Q-DEP03-DEP-YP0015-MS	15 JAN 2001	11:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0015-MS	HR-130Q-DEP03-DEP-YP0015-MS	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0015-MS	HR-130Q-DEP03-DEP-YP0015-MS	15 JAN 2001	11:15	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
YP0015-MS	HR-130Q-DEP03-DEP-YP0015-MS	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
YP0015-MSD	HR-130Q-DEP03-SD-YP0015-MSD	15 JAN 2001	11:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0015-MSD	HR-130Q-DEP03-SD-YP0015-MSD	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0015-MSD	HR-130Q-DEP03-SD-YP0015-MSD	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
YP0015-MSD	HR-130Q-DEP03-SD-YP0015-MSD	15 JAN 2001	11:15	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
26 04 YP0016	HR-130Q-DEP03-DEP-YP0016-FD	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0016	HR-130Q-DEP03-DEP-YP0016-FD	15 JAN 2001	11:15	4 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
YP0016	HR-130Q-DEP03-DEP-YP0016-FD	15 JAN 2001	11:15	5 g EnCore	3	None except cool to 4 C	Total Organic Carbon by 9060	N		
YP0016	HR-130Q-DEP03-DEP-YP0016-FD	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	Volatiles by 8260B	N		
26 05 YP0018	HR-130Q-DEP04-DEP-YP0018-REG	15 JAN 2001	12:10	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0018	HR-130Q-DEP04-DEP-YP0018-REG	15 JAN 2001	12:10	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0018	HR-130Q-DEP04-DEP-YP0018-REG	15 JAN 2001	12:10	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
YP0018	HR-130Q-DEP04-DEP-YP0018-REG	15 JAN 2001	12:10	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
127 -01 YP1007	HR-130Q-SW/SD05-SD-YP1007-REG	15 JAN 2001	14:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP1007	HR-130Q-SW/SD05-SD-YP1007-REG	15 JAN 2001	14:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP1007	HR-130Q-SW/SD05-SD-YP1007-REG	15 JAN 2001	14:15	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
YP1007	HR-130Q-SW/SD05-SD-YP1007-REG	15 JAN 2001	14:15	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
27 -02 YP1008	HR-130Q-SW/SD06-SD-YP1008-REG	15 JAN 2001	15:00	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP1008	HR-130Q-SW/SD06-SD-YP1008-REG	15 JAN 2001	15:00	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
YP1008	HR-130Q-SW/SD06-SD-YP1008-REG	15 JAN 2001	15:00	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP1008	HR-130Q-SW/SD06-SD-YP1008-REG	15 JAN 2001	15:00	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
25 -01 YP2007	HR-130Q-SW/SD06-SW-YP2007-REG	15 JAN 2001	14:15	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

10003

IT CORPORATION
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WA2/G4 01A125

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-011501-EMAX

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1	YP2007	HR-130Q-SW/SD05-SW-YP2007-REG	15 JAN 2001	14:15	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	YP2007	HR-130Q-SW/SD05-SW-YP2007-REG	15 JAN 2001	14:15	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	YP2007	HR-130Q-SW/SD05-SW-YP2007-REG	15 JAN 2001	14:15	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
2	YP2008	HR-130Q-SW/SD06-SW-YP2008-REG	15 JAN 2001	15:00	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
	YP2008	HR-130Q-SW/SD06-SW-YP2008-REG	15 JAN 2001	15:00	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP2008	HR-130Q-SW/SD06-SW-YP2008-REG	15 JAN 2001	15:00	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	YP2008	HR-130Q-SW/SD06-SW-YP2008-REG	15 JAN 2001	15:00	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		

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N2/H6 01A125 01A126 01A127

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-011501-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time:

Samples Shipment Date: 15 JAN 2001
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/7919 4605 3015

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: NORMAL TAST

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation) — Date: 1/15/01 Time: 1800
2. Relinquished By (Signature/Affiliation) — Date: Time:
3. Relinquished By (Signature/Affiliation) — Date: Time:

1. Received By (Signature/Affiliation) — Date: 1-16-01 Time: 9:30 AM
2. Received By (Signature/Affiliation) — Date: Time:
3. Received By (Signature/Affiliation) — Date: Time:

Comments:
Cooler #1 T=2.5°C
Cooler #2 T=3.1°C

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Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
A126-01 YP0013	HR-130Q-DEP01-DEP-YP0013-REG	15 JAN 2001	10:45	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0013	HR-130Q-DEP01-DEP-YP0013-REG	15 JAN 2001	10:45	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0013	HR-130Q-DEP01-DEP-YP0013-REG	15 JAN 2001	10:45	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
YP0013	HR-130Q-DEP01-DEP-YP0013-REG	15 JAN 2001	10:45	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
A126-02 YP0014	HR-130Q-DEP02-DEP-YP0014-REG	15 JAN 2001	10:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
YP0014	HR-130Q-DEP02-DEP-YP0014-REG	15 JAN 2001	10:30	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
YP0014	HR-130Q-DEP02-DEP-YP0014-REG	15 JAN 2001	10:30	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		

N2/H6 01A126

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-011501-EMAX

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
A126-02	YP0014	HR-130Q-DEP02-DEP-YP0014-REG	15 JAN 2001	10:30	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
A126-03	YP0015	HR-130Q-DEP03-DEP-YP0015-REG	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
	YP0015	HR-130Q-DEP03-DEP-YP0015-REG	15 JAN 2001	11:15	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
	YP0015	HR-130Q-DEP03-DEP-YP0015-REG	15 JAN 2001	11:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0015	HR-130Q-DEP03-DEP-YP0015-REG	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	YP0015-MS	HR-130Q-DEP03-DEP-YP0015-MS	15 JAN 2001	11:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0015-MS	HR-130Q-DEP03-DEP-YP0015-MS	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	YP0015-MS	HR-130Q-DEP03-DEP-YP0015-MS	15 JAN 2001	11:15	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
	YP0015-MS	HR-130Q-DEP03-DEP-YP0015-MS	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
	YP0015-MSD	HR-130Q-DEP03-SD-YP0015-MSD	15 JAN 2001	11:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0015-MSD	HR-130Q-DEP03-SD-YP0015-MSD	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	YP0015-MSD	HR-130Q-DEP03-SD-YP0015-MSD	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
	YP0015-MSD	HR-130Q-DEP03-SD-YP0015-MSD	15 JAN 2001	11:15	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
A126-04	YP0016	HR-130Q-DEP03-DEP-YP0016-FD	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	YP0016	HR-130Q-DEP03-DEP-YP0016-FD	15 JAN 2001	11:15	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
	YP0016	HR-130Q-DEP03-DEP-YP0016-FD	15 JAN 2001	11:15	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
	YP0016	HR-130Q-DEP03-DEP-YP0016-FD	15 JAN 2001	11:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
A126-05	YP0018	HR-130Q-DEP04-DEP-YP0018-REG	15 JAN 2001	12:10	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP0018	HR-130Q-DEP04-DEP-YP0018-REG	15 JAN 2001	12:10	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	YP0018	HR-130Q-DEP04-DEP-YP0018-REG	15 JAN 2001	12:10	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
	YP0018	HR-130Q-DEP04-DEP-YP0018-REG	15 JAN 2001	12:10	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
A127-01	YP1007	HR-130Q-SW/SD05-SD-YP1007-REG	15 JAN 2001	14:15	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP1007	HR-130Q-SW/SD05-SD-YP1007-REG	15 JAN 2001	14:15	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	YP1007	HR-130Q-SW/SD05-SD-YP1007-REG	15 JAN 2001	14:15	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
	YP1007	HR-130Q-SW/SD05-SD-YP1007-REG	15 JAN 2001	14:15	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
A127-02	YP1008	HR-130Q-SW/SD06-SD-YP1008-REG	15 JAN 2001	15:00	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
	YP1008	HR-130Q-SW/SD06-SD-YP1008-REG	15 JAN 2001	15:00	8 oz CWM	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils	N		
	YP1008	HR-130Q-SW/SD06-SD-YP1008-REG	15 JAN 2001	15:00	8 oz CWM	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	N		
	YP1008	HR-130Q-SW/SD06-SD-YP1008-REG	15 JAN 2001	15:00	4 oz CWM	1	None except cool to 4 C	Total Organic Carbon by 9060	N		
A125-01	YP2007	HR-130Q-SW/SD06-SW-YP2007-REG	15 JAN 2001	14:15	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

1100 CT

WA2/G4 01A125

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-011501-EMAX

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
A125 -01	YP2007	HR-130Q-SW/SD05-SW-YP2007-REG	15 JAN 2001	14:15	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	YP2007	HR-130Q-SW/SD05-SW-YP2007-REG	15 JAN 2001	14:15	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	YP2007	HR-130Q-SW/SD05-SW-YP2007-REG	15 JAN 2001	14:15	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
	YP2007	HR-130Q-SW/SD05-SW-YP2007-REG	15 JAN 2001	14:15	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
A125 -02	YP2008	HR-130Q-SW/SD06-SW-YP2008-REG	15 JAN 2001	15:00	1 L Amb. Glass	2	None except cool to 4 C	Volatiles by 8260B	N		
	YP2008	HR-130Q-SW/SD06-SW-YP2008-REG	15 JAN 2001	15:00	40 mL VOA Vial	3	HCl<pH 2	TAL Metals by 6010B/7470A - Water	N		
	YP2008	HR-130Q-SW/SD06-SW-YP2008-REG	15 JAN 2001	15:00	1 L HDPE	1	HNO3<pH 2	Nitroaromatics by 8330	N		
	YP2008	HR-130Q-SW/SD06-SW-YP2008-REG	15 JAN 2001	15:00	1 L Amb. Glass	2	None except cool to 4 C				

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IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

01E042 R-10B3/WA6

Reference Document No: 130Q-050301-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 04 MAY 2001
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/790929823953

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 4 May 2001 Time: 1300	1. Received By (Signature/Affiliation) EMAX	Date: 5.5.2001 Time: 0930
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

Cooler 1 T= 3.2°C
Cooler 2 T= 2.8°C
Cooler 3 T= 2.3°C
Cooler 4 T= 2.5°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
050301-TB	FIELDQC-BW-050301-TB-TB	03 MAY 2001	08:00	40 ml VOA VIAL	2	HCl<pH 2	Volatiles by 8260B	N		
YP3007	HR-130Q-MW05-GW-YP3007-REG	03 MAY 2001	14:25	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
YP3007	HR-130Q-MW05-GW-YP3007-REG	03 MAY 2001	14:25	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
YP3007	HR-130Q-MW05-GW-YP3007-REG	03 MAY 2001	14:25	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
YP3007	HR-130Q-MW05-GW-YP3007-REG	03 MAY 2001	14:25	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

P3 (VA2 01E175

Reference Document No: 130Q-052101-EMA

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: NORMAL

Samples Shipment Date: 22 MAY 2001
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Randy McBride
Carrier/Waybill No.: Fed Ex/790057645260

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 5-22-01 Time: 1600	1. Received By (Signature/Affiliation)	Date: 5-23-01 Time: 9:45AM
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

Cooler #1 - T = 2.2°C
Cooler #7 - T = 2.1°C

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1	YP3003	HR-130Q-MW03-GW-YP3003-REG	21 MAY 2001	16:15	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3003	HR-130Q-MW03-GW-YP3003-REG	21 MAY 2001	16:15	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
	YP3003	HR-130Q-MW03-GW-YP3003-REG	21 MAY 2001	16:15	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	YP3003	HR-130Q-MW03-GW-YP3003-REG	21 MAY 2001	16:15	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
2	YP3004	HR-130Q-MW03-GW-YP3004-FD	21 MAY 2001	16:15	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3004	HR-130Q-MW03-GW-YP3004-FD	21 MAY 2001	16:15	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
	YP3004	HR-130Q-MW03-GW-YP3004-FD	21 MAY 2001	16:15	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	YP3004	HR-130Q-MW03-GW-YP3004-FD	21 MAY 2001	16:15	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		

B4/VC501-05

01G178

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-072601-EMAX

Project Number: 796887

Project Name: Fort McClellan

Sample Coordinator: Oliver Allen

Turnaround Time: Normal

Samples Shipment Date: 27 JUL 2001

Lab Destination: EMAX Laboratories, Inc.

Lab Contact: Elizabeth McIntyre

Project Contact: Randy McBride

Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:

Non-hazard Flammable Skin Irritant Poison B Unknown ✓

Sample Disposal:

Return to Client Disposal by Lab ✓ Archive (mos.)

1. Relinquished By (Signature/Affiliation) [signature] Date: 7-27-01 Time: 1600

2. Relinquished By (Signature/Affiliation) Date: Time:

3. Relinquished By (Signature/Affiliation) Date: Time:

1. Received By (Signature/Affiliation) [signature] Date: 7-28-01 Time: 12:00 P

2. Received By (Signature/Affiliation) Date: Time:

3. Received By (Signature/Affiliation) Date: Time:

Comments: None

Cooler #1, T = 2.2°C
Cooler #2, T = 2.5°C
Cooler #3, T = 2.8°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
072601-TB	FIELDQC-BW-072601-TB-TB	26 JUL 2001	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
072701-ER	FIELDQC-BW-072701-ER-ER	27 JUL 2001	08:00	40 ml VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
072701-ER	FIELDQC-BW-072701-ER-ER	27 JUL 2001	08:00	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
072701-ER	FIELDQC-BW-072701-ER-ER	27 JUL 2001	08:00	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
072701-TB	FIELDQC-BW-072701-TB-TB	27 JUL 2001	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
YP3001	HR-130Q-MW01-GW-YP3001-REG	26 JUL 2001	15:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
YP3001	HR-130Q-MW01-GW-YP3001-REG	26 JUL 2001	15:30	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
YP3001	HR-130Q-MW01-GW-YP3001-REG	26 JUL 2001	15:30	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		

2001

IT CORPORATION

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B4/VW01-05 016178

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-072601-EMA

	Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
4	YP3001	HR-130Q-MW01-GW-YP3001-REG	26 JUL 2001	15:30	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
	YP3001-MS	HR-130Q-MW01-GW-YP3001-MS-MS	26 JUL 2001	15:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3001-MS	HR-130Q-MW01-GW-YP3001-MS-MS	26 JUL 2001	15:30	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	YP3001-MS	HR-130Q-MW01-GW-YP3001-MS-MS	26 JUL 2001	15:30	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
	YP3001-MS	HR-130Q-MW01-GW-YP3001-MS-MS	26 JUL 2001	15:30	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	YP3001-MSD	HR-130Q-MW01-GW-YP3001-MSD-MSD	26 JUL 2001	15:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3001-MSD	HR-130Q-MW01-GW-YP3001-MSD-MSD	26 JUL 2001	15:30	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	YP3001-MSD	HR-130Q-MW01-GW-YP3001-MSD-MSD	26 JUL 2001	15:30	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	YP3001-MSD	HR-130Q-MW01-GW-YP3001-MSD-MSD	26 JUL 2001	15:30	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
5	YP3002	HR-130Q-MW02-GW-YP3002-REG	27 JUL 2001	08:55	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3002	HR-130Q-MW02-GW-YP3002-REG	27 JUL 2001	08:55	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	YP3002	HR-130Q-MW02-GW-YP3002-REG	27 JUL 2001	08:55	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
	YP3002	HR-130Q-MW02-GW-YP3002-REG	27 JUL 2001	08:55	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
6	YP3006	HR-130Q-MW04-GW-YP3006-REG	27 JUL 2001	08:45	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
	YP3006	HR-130Q-MW04-GW-YP3006-REG	27 JUL 2001	08:45	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
	YP3006	HR-130Q-MW04-GW-YP3006-REG	27 JUL 2001	08:45	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3006	HR-130Q-MW04-GW-YP3006-REG	27 JUL 2001	08:45	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		

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IT CORPORATION
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VW01-18

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

02E149

Reference Document No: 130Q-051502-EMAX
Page 1 of 1

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: NORMAL

Samples Shipment Date: 16 MAY 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 5-16-02 Time: 1600	1. Received By (Signature/Affiliation) SITNIKOV	Date: 5.17.02. Time: 10:00
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T=2.5°C

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1.	YP3012	HR-130Q-MW09-GW-YP3012-REG	15 MAY 2002	13:50	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
2.	YP3013	HR-130Q-MW10-GW-YP3013-REG	15 MAY 2002	10:40	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

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IT CORPORATION
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GS/VW01-23

02E179

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-051702-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: NORMAL

Samples Shipment Date: 17 MAY 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 5-17-02 Time: 1600	1. Received By (Signature/Affiliation)	Date: 5-18-02 Time: 1100
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

COOLER #1 T=3.0°C
#2 T=3.5°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
051602-TB2	FIELDQC-BW-051602-TB2-TB	16 MAY 2002	08:00	40 ml VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
051702-ER2	FIELDQC-BW-051702-ER2-ER	17 MAY 2002	08:00	40 ml VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
051702-ER2	FIELDQC-BW-051702-ER2-ER	17 MAY 2002	08:00	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N		
051702-ER2	FIELDQC-BW-051702-ER2-ER	17 MAY 2002	08:00	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
051702-ER2	FIELDQC-BW-051702-ER2-ER	17 MAY 2002	08:00	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		
051702-ER2	FIELDQC-BW-051702-ER2-ER	17 MAY 2002	08:00	1 L Amb. Glass	2	None except cool to 4 C	Cl Pesticides by 8081A	N		
051702-ER2	FIELDQC-BW-051702-ER2-ER	17 MAY 2002	08:00	1 L Amb. Glass	2	None except cool to 4 C	Cl Herbicides by 8151A	N		
051702-ER2	FIELDQC-BW-051702-ER2-ER	17 MAY 2002	08:00	1 L Amb. Glass	2	None except cool to 4 C	OP Pesticides by 8141A	N		

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G5/VW01-23

02E179

IT CORPORATION

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-051702-EMAX

Sample No	Sample Name	Sample Date	Sample Time	Container		Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
051702-TB	FIELDQC-BW-051702-TB-TB	17 MAY 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
YP3011	HR-130Q-MW08-GW-YP3011-REG	17 MAY 2002	17:00	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

G4

1002

VW01-02

02E202

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-052102-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 22 MAY 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: Fed Ex/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal:
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation) [signature] / IT Corp	Date: 5/22/02 Time: 1630	1. Received By (Signature/Affiliation) SITNIKOV	Date: 5.23.02. Time: 9:30
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T=3.0°C

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1.	052102-TB2	FIELDQC-BW-052102-TB2-TB	21 MAY 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
2.	YP3008	HR-130Q-MW06-GW-YP3008-REG	21 MAY 2002	16:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3008-MS	HR-130Q-MW06-GW-YP3008-MS-MS	21 MAY 2002	16:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3008-MSD	HR-130Q-MW06-GW-YP3008-MSD-MSD	21 MAY 2002	16:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

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VW04-02

02E214

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-052302-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 23 MAY 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 5/23/02 Time: 163	1. Received By (Signature/Affiliation)	Date: 5-24-02 Time: 0900
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T= 2.5°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
YP3014	HR-130Q-MW03-GW-YP3014-REG	22 MAY 2002	14:25	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

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YW01-19

02E228

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130Q-052402-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 24 MAY 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923
Report To: Duane Nielsen, 312 Directors Drive, Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification: Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	Date: 5-24-02 Time: 1600	1. Received By (Signature/Affiliation)	Date: 5-25-02 Time: 1100
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

COOLER #1 T=3.6°C

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1	052402-TB	FIELDQC-BW-052402-TB-TB	23 MAY 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
2	YP3009	HR-130Q-MW07-GW-YP3009-REG	24 MAY 2002	09:05	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
3	YP3010	HR-130Q-MW07-GW-YP3010-FD	24 MAY 2002	09:05	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

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IT CORPORATION
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VW04-07

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

02J088

Reference Document No: 130-100802-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 08 OCT 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: ~~None~~ UPS

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal:
Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation) IT Corp	Date: 10-8-02 Time: 1430	1. Received By (Signature/Affiliation)	Date: 10-9-02 Time: 0915
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T = 3.0°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
100702-TB	FIELDQC-BW-100702-TB-TB	07 OCT 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
100802-TB	FIELDQC-BW-100802-TB-TB	08 OCT 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
YP3017	HR-130Q-MW03-GW-YP3017-REG	08 OCT 2002	10:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
YP3023	HR-130Q-MW08-GW-YP3023-REG	07 OCT 2002	17:05	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
YP3024	HR-130Q-MW09-GW-YP3024-REG	07 OCT 2002	12:50	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

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IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

02J127

Reference Document No: 130-101002-EMAX

VW01-31

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: None

Samples Shipment Date: 10 OCT 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal:
Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

1. Relinquished By (Signature/Affiliation) IT Corporation	Date: 10-10-02 Time: 1430	1. Received By (Signature/Affiliation)	Date: 10-11-02 Time: 9:15A
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T= 3.2° C

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1	100902-TB	FIELDQC-BW-100902-TB-TB	09 OCT 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
3.2	YP3018	HR-130Q-MW06-GW-YP3018-FD	09 OCT 2002	13:55	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3021	HR-130Q-MW06-GW-YP3021-REG	09 OCT 2002	13:55	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

1001

S08#02J127
VW04-15

02J145

IT CORPORATION
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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130-101102-EMAX
Page 1 of 1

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 11 OCT 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation) [signature] IT Corp	Date: 10/11/02 Time: 1430	1. Received By (Signature/Affiliation) SITNIKOV	Date: 10.12.02. Time: 11:30
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T=2.8°C

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1.	101002-TB	FIELDQC-BW-101002-TB-TB	10 OCT 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
2.	101102-ER	FIELDQC-BW-101102-ER-ER	11 OCT 2002	12:00	40 ml VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
3.	YP3022	HR-130Q-MW07-GW-YP3022-REG	10 OCT 2002	14:00	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

1002

VW01-32

02J177

IT CORPORATION
A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130-101602

Project Number: 796887

Project Name: Fort McClellan

Sample Coordinator: Oliver Allen

Turnaround Time: Normal

Samples Shipment Date: 16 OCT 2002

Lab Destination: EMAX Laboratories, Inc.

Lab Contact: Elizabeth McIntyre

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation) [signature] IT corp	Date: 10/16/02 Time: 1700	1. Received By (Signature/Affiliation) [signature]	Date: 10-17-02 Time: 0845
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

COOLER #1 T=3.4°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
YP3019	HR-130Q-MW04-GW-YP3019-REG	16 OCT 2002	14:40	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

1001

VW01-33

02J194

IT CORPORATION
A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130-101802-EMAX

Project Number: 796887

Project Name: Fort McClellan

Sample Coordinator: Oliver Allen

Turnaround Time: Normal

Samples Shipment Date: 18 OCT 2002

Lab Destination: EMAX Laboratories, Inc.

Lab Contact: Elizabeth McIntyre

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation)	IT Corp	Date: 10/18/02 Time: 1600	1. Received By (Signature/Affiliation)	Date: 10-19-02 Time: 1100
2. Relinquished By (Signature/Affiliation)		Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)		Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T= 2.8°C

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1	101702-TB	FIELDQC-BW-101702-TB-TB	17 OCT 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
2	YP3020	HR-130Q-MW05-GW-YP3020-REG	17 OCT 2002	12:35	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3020-MS	HR-130Q-MW05-GW-YP3020-MS-MS	17 OCT 2002	12:35	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		
	YP3020-MSD	HR-130Q-MW05-GW-YP3020-MSD-MSD	17 OCT 2002	12:35	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

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VW01-25

02 J205

IT CORPORATION
A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130-102102-EMAX

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: Normal

Samples Shipment Date: 21 OCT 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation) IT Corp.	Date: 10/21/02 Time: 1600	1. Received By (Signature/Affiliation) SITNIKOV	Date: 10.22.02 Time: 9:30
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T = 2.8°C

	Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
1.	101802-TB	FIELDQC-BW-101802-TB-TB	17 OCT 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N		
2.	YP3025	HR-130Q-MW10-GW-YP3025-REG	18 OCT 2002	10:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

1001

506 #02J205

VW01-16

02J213

IT CORPORATION
A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 130-102202-EMAX

Project Number: 796887

Project Name: Fort McClellan

Sample Coordinator: Oliver Allen

Turnaround Time: normal

Samples Shipment Date: 22 OCT 2002

Lab Destination: EMAX Laboratories, Inc.

Lab Contact: Elizabeth McIntyre

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Indentification:
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By (Signature/Affiliation) IT Corp	Date: 10/22/02 Time: 1600	1. Received By (Signature/Affiliation)	Date: 10-23-02 Time: 0715
2. Relinquished By (Signature/Affiliation)	Date: Time:	2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:	3. Received By (Signature/Affiliation)	Date: Time:

Comments: None

T = 2.8°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	Fil	CID	Condition On Receipt
YP3015	HR-130Q-MW01-GW-YP3015-REG	21 OCT 2002	15:30	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N		

1002

APPENDIX B

BORING LOGS AND WELL CONSTRUCTION LOGS

BORING LOGS

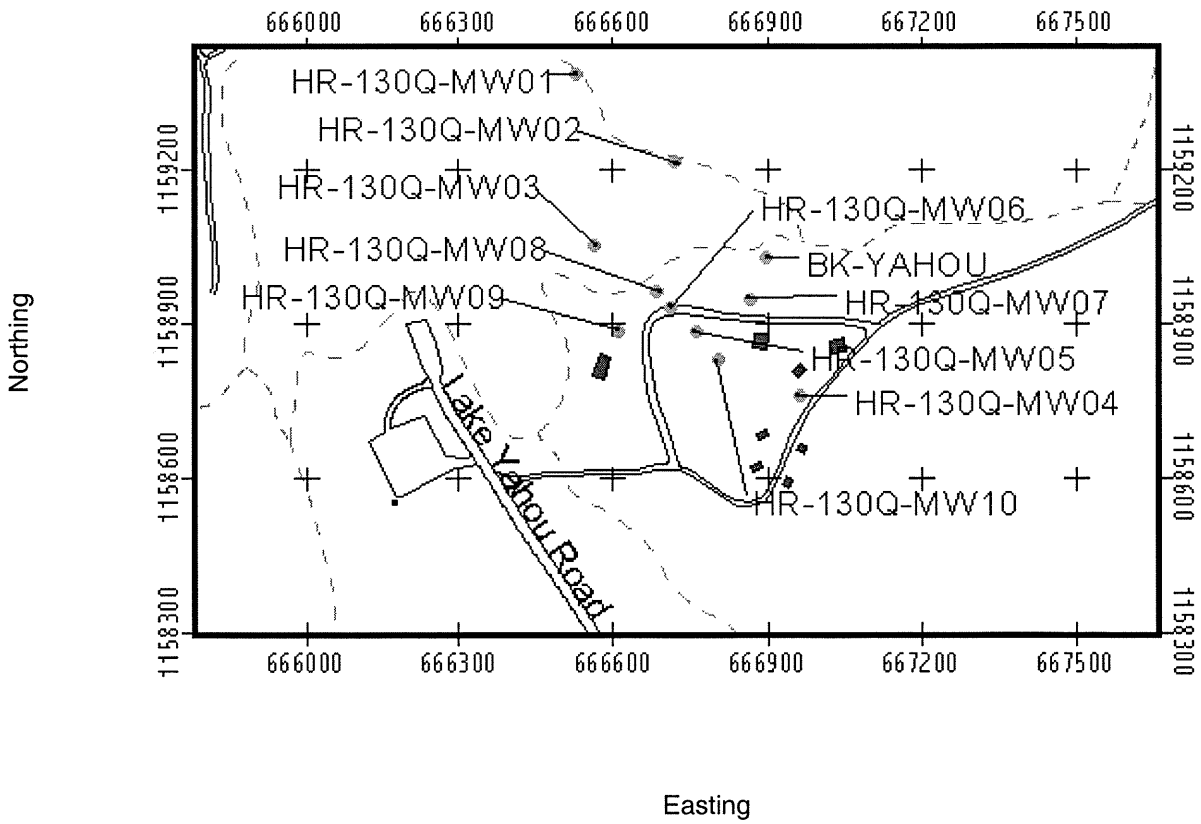
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW01
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: ESN/Miller Drilling Company	Sheet 1 of 6 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: Sammy McDaniel/Ken Gobell	6. Mfr. designation of drill: Geoprobe/CME-750X
7. Sizes and types of drilling and sampling equipment: Direct Push, Hollow Stem Auger DP - 4'x2" Acetate-Lined Sampler HSA - 5'x4.25" ID Augers, 2'x2" Steel Split Spoons	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130QX 9. Surface elevation (feet above mean sea level): 989.10 10. Date started: 09/21/00 — 11. Date completed: 10/03/00
12. Overburden thickness (feet bgs): >41	15. Depth groundwater encountered (feet bgs): 29
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): 12.32 ~24 hours
14. Total depth of hole (feet bgs): 41	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	Yes	Yes	Explosives	SVOCs	NA	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	2" Permanent	NA	Leslie O'Hare/Dennis Mayton		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW01

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW01

Project: Fort McClellan | Geologist: Leslie O'Hare/Dennis Mayton | Sheet 2 of 6 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	0	ml: Orange-brown SILT, some Sand, little fine to coarse quartz-rich Gravel.	ml		Organic Vapor = 0.0ppm		YP0001 MS/MSD		Rec 1.0'/1.0' (0-1' bgs)
	1	ml: Orange-brown SILT, some Sand, trace roots, litte subrounded quartz-rich Gravel, trace Clay.	ml		Organic Vapor = 0.0ppm				Rec 3.0'/3.0' (1-4' bgs)
	2								
	3	ml: Orange-brown SILT, some Clay, little Sand, trace quartz-rich coarse Gravel.	ml						
985	4	ml: Orange-brown to tan SILT, some Sand, little Clay, trace quartz-rich coarse Gravel.	ml		Organic Vapor = 0.0ppm				Rec 4.0'/4.0' (4-8' bgs)
	5								
	6								
	7	sm: Yellowish orange SAND, some Silt.	sm						
	8	sm: Yellowish orange to orange-brown SAND, some Silt, trace quartz-rich Gravel.	sm		Organic Vapor = 0.0ppm				Rec 4.0'/4.0' (8-12' bgs)
980	9	sw: Yellowish orange SAND, trace Silt, trace Gravel.							
	10								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW01

Project: Fort McClellan | Geologist: Leslie O'Hare/Dennis Mayton | Sheet 3 of 6 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	11		sw				YP0002		
	12	NA: No sample collected for lithologic description.							Direct push terminated at 12' bgs
	13		NA						
975	14	sw: Yellowish orange to white, very dense, fine to medium SAND, trace Silt.	sw		Organic Vapor = 0.0ppm			50/0.5'	Rec 0.4'/0.5' (14-14.5' bgs)
		NA: No recovery.	NA						
	15	NA: No sample collected for lithologic description.							
	16								
	17		NA						
	18								
970	19								
	20								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW01

Project: Fort McClellan | Geologist: Leslie O'Hare/Dennis Mayton | Sheet 4 of 6 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	21								21
	22		NA						22
	23								23
965	24	sw: Light pink, very dense, fine to medium SAND, trace Silt. NA: No sample collected for lithologic description.	sw		Organic Vapor = 0.0ppm			50/0.1'	Rec 0.1'/0.1' (24-24.1' bgs) 24
	25								25
	26		NA						26
	27								27
	28								28
960	29	sw: Light pink to yellowish orange, very dense, fine to medium SAND, little Silt, trace Clay.	sw						Groundwater encountered at 29' bgs Description from HSA drill cuttings (29'-41' bgs) 29
	30								30

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW01

Project: Fort McClellan

Geologist: Leslie O'Hare/Dennis Mayton

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	31								31
	32								32
	33								33
955	34								34
	35		SW						35
	36								36
	37								37
	38								38
950	39								39
	40								40

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW01

Project: Fort McClellan

Geologist: Leslie O'Hare/Dennis Mayton

Sheet 6 of 6 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	41								Bottom of borehole at 41' bgs 41

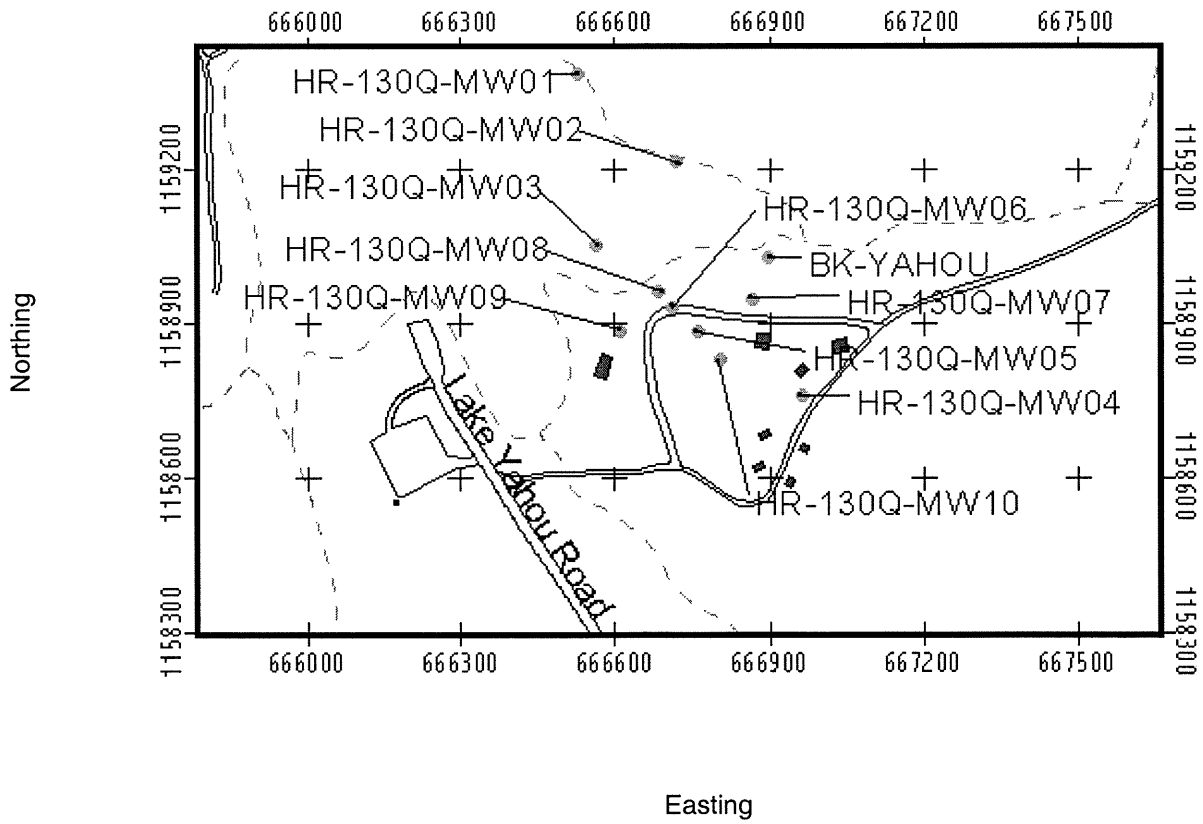
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW02
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: ESN/Miller Drilling Company	Sheet 1 of 5 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: Sammy McDaniel/Ken Gobell	6. Mfr. designation of drill: Geoprobe/CME-750X
7. Sizes and types of drilling and sampling equipment: Direct Push, Hollow Stem Auger DP - 4'x2" Acetate-Lined Sampler HSA - 5'x4.25" ID Augers, 2'x2" Steel Split Spoons	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130QX 9. Surface elevation (feet above mean sea level): 986.6 10. Date started: 09/25/00 — 11. Date completed: 10/03/00
12. Overburden thickness (feet bgs): >38.5	15. Depth groundwater encountered (feet bgs): Not encountered
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): Dry ~24 hours
14. Total depth of hole (feet bgs): 38.5	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	Yes	Yes	Explosives	SVOCs	NA	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	2" Permanent	NA	Leslie O'Hare		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW02

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW02

Project: Fort McClellan | Geologist: Leslie O'Hare | Sheet 2 of 5 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	0	ml: Dark brown to tan SILT, some fine Sand, little quartz-rich coarse Gravel.	ml		Organic Vapor = 0.0ppm		YP0003		Recovery not recorded (0-2' bgs)
	1								
985							YP0004		
	2	NA: No sample collected for lithologic description.							Direct push refusal at 2' bgs
	3		NA						
	4	ml: Dark brown to yellowish orange SILT, some fine to coarse Sand, little fine to coarse subangular Gravel, trace Clay.	ml		Organic Vapor = 0.0ppm			50/0.4'	Rec 0.3'/0.4' (4-4.4' bgs)
		NA: No recovery.	NA						
	5	NA: No sample collected for lithologic description.							
	6		NA						
980									
	7								
	8	ss: Dark brown to dark orange to black fine SANDSTONE, some fine to medium Sand, little Silt.	ss		Organic Vapor = 0.0ppm			50/0.2'	Rec 0.2'/0.2' (8-8.2' bgs)
		NA: No sample collected for lithologic description.							
	9		NA						
	10								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW02

Project: Fort McClellan | Geologist: Leslie O'Hare | Sheet 3 of 5 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		sm: Yellowish orange fine SAND, little Silt, little quartz-rich fine to coarse subangular Gravel.							Description from HSA drill cuttings (10-24' bgs)
	11								11
975									
	12								12
	13								13
	14								14
	15		sm						15
	16								16
970									
	17								17
	18								18
	19								19
	20								20

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW02

Project: Fort McClellan | Geologist: Leslie O'Hare | Sheet 4 of 5 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	21								
965									
	22		sm						
	23								
	24	sw: Rose/pink to orange, fine to medium, dense SAND, little Silt.	sw		Organic Vapor = 0.0ppm			50/0.3'	Rec 0.2'/0.3' (24-24.3' bgs)
		NA: No recoery.	NA						
		NA: No sample collected for lithologic description.	NA						
	25								
	26	sw: Rose/pink to orange brown, fine to medium, dense SAND, little Silt.							Description from HSA drill cuttings (26-38.5')
960									
	27								
			sw						
	28								
	29	sw: Rose/pink, medium dense SAND, little Silt.							
			sw						
	30								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW02

Project: Fort McClellan | Geologist: Leslie O'Hare | Sheet 5 of 5 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	31	sw: Rose/pink to brown, fine to medium, dense SAND, little Silt.							31
955									
	32								32
	33								33
	34		sw						34
	35								35
	36								36
950									
	37	sw: Light brown to rose pink, dense, fine to medium SAND, little Silt, little Sandstone.							37
			sw						
	38								38 Auger refusal at 38.5' bgs Bottom of borehole at 38.5' bgs

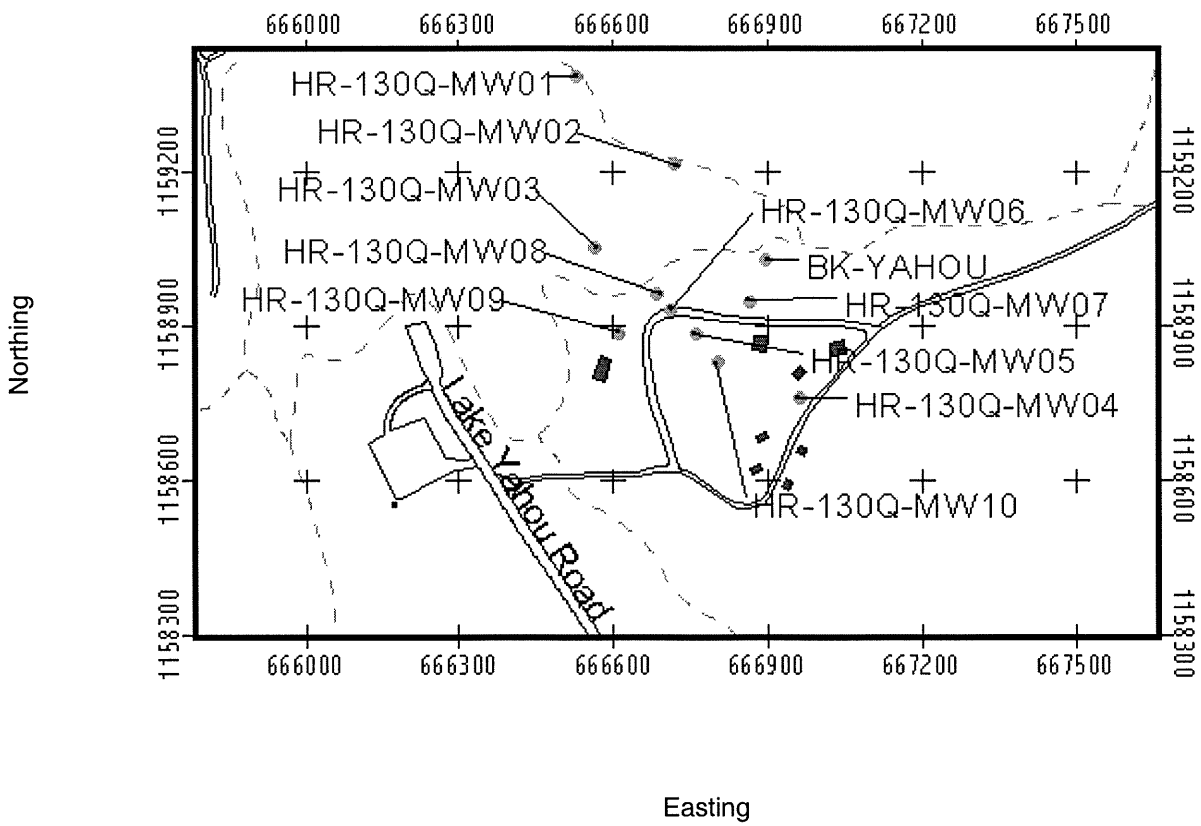
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW03
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: ESN/Miller Drilling Company	Sheet 1 of 4 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: Sammy McDaniel/Ken Gobell	6. Mfr. designation of drill: Geoprobe/CME-750X
7. Sizes and types of drilling and sampling equipment: Direct Push, Hollow Stem Auger DP - 4'x2" Acetate-Lined Sampler HSA - 5'x4.25" ID Augers, 2'x2" Steel Split Spoons	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130QX 9. Surface elevation (feet above mean sea level): 987.0 10. Date started: 09/25/00 — 11. Date completed: 10/03/00
12. Overburden thickness (feet bgs): >24	15. Depth groundwater encountered (feet bgs): 13
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): 8.74 ~24 hours
14. Total depth of hole (feet bgs): 24	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	Yes	Yes	Explosives	SVOCs	NA	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	2" Permanent	NA	Leslie O'Hare		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW03

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW03

Project: Fort McClellan | Geologist: Leslie O'Hare | Sheet 2 of 4 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	0	ml: Dark brown SILT, some Sand, trace roots, little fine quartz-rich Gravel.			Organic Vapor = 0.0ppm		YP0005		Rec 3.0'/4.0' (0-4' bgs)
	1								
985	2		ml						
	3								
	4	ml: Dark brown SILT, some Sand, trace roots, little Gravel.	ml		Organic Vapor = 0.0ppm				Rec 4.0'/4.0' (4-8' bgs)
		sp: Yellowish orange to brown to tan, fine Sand, some Silt, little quartz-rich Gravel.							
	5								
	6								
			sp						
980	7						YP0006 YP0007 YP0008		
	8				Organic Vapor = 0.0ppm				Rec 1.0'/1.0' (8-9' bgs)
	9	NA: No sample collected for lithologic description.							Direct push refusal at 9.0' bgs
	10								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW03

Project: Fort McClellan | Geologist: Leslie O'Hare | Sheet 3 of 4 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	11		NA						
975	12								
	13	sw: Light yellow to light pink, dense, fine to medium SAND, little Silt.	sw		Organic Vapor = 0.0ppm			25 22 21 39	Rec 1.6'/2.0' (13-15' bgs) Groundwater encountered at 13' bgs
	14								
		NA: No recovery.	NA						
	15	sw: Light pink to yellowish orange, dense, fine to medium wet SAND.							Description from HSA drill cuttings (15-24' bgs)
	16								
970	17								
	18		sw						
	19								
	20								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW03

Project: Fort McClellan | Geologist: Leslie O'Hare | Sheet 4 of 4 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	21								21
965	22		SW						22
	23								23
	24								Bottom of borehole at 24' bgs 24

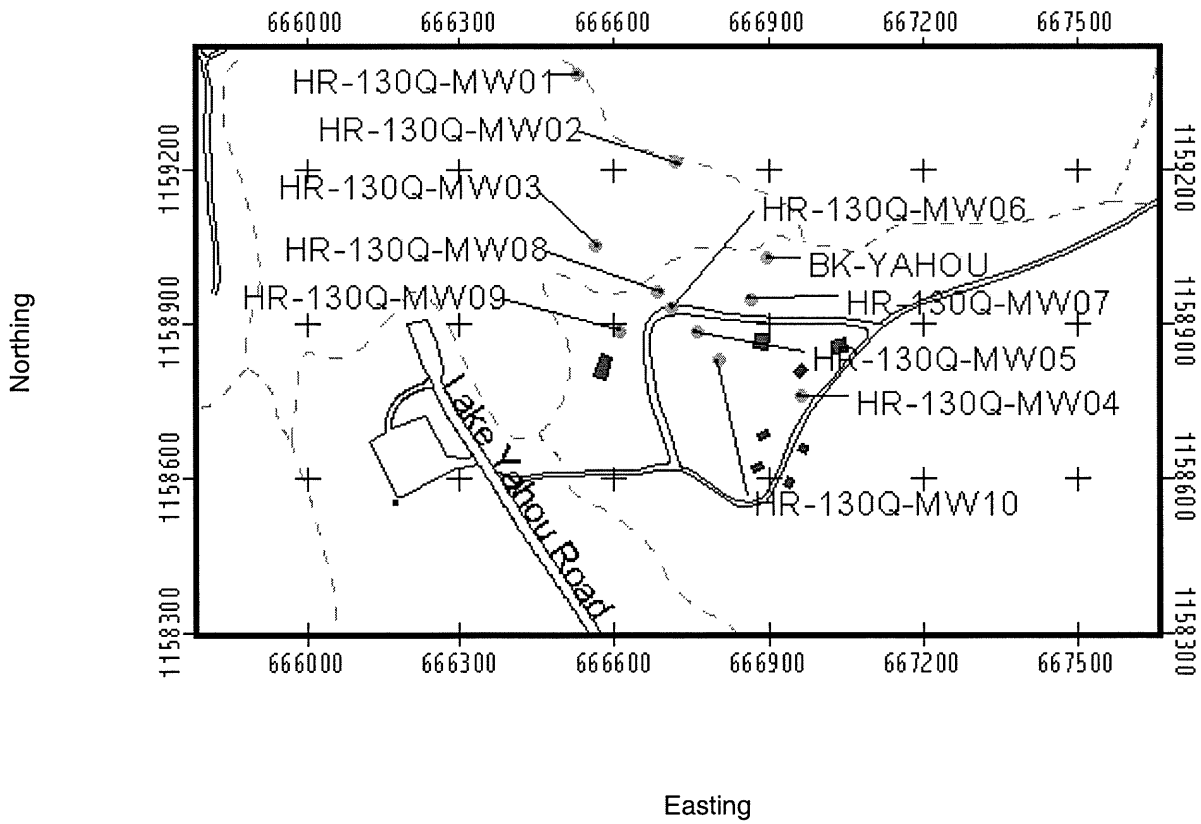
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW04
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: ESN/Miller Drilling Company	Sheet 1 of 25 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: Sammy McDaniel/Ken Gobell/Mark Thomas	6. Mfr. designation of drill: Geoprobe/CME-750X/Schramm T450W
7. Sizes and types of drilling and sampling equipment: Direct Push, Hollow Stem Auger, Air Rotary DP - 4'x2" Acetate-Lined Sampler HSA - 5'x4.25" ID Augers, 2'x2" Steel Split Spoons	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130QX 9. Surface elevation (feet above mean sea level): 1022.70 10. Date started: 10/03/00 — 11. Date completed: 03/01/01
12. Overburden thickness (feet bgs): >240.5	15. Depth groundwater encountered (feet bgs): Not encountered
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): 220.3 ~24 hours
14. Total depth of hole (feet bgs): 240.5	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	Yes	Yes	Explosives	SVOCs	NA	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	2" Permanent	NA	L. O'Hare/N. Badon/G. Robertson		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW04

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 2 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	0	ml: Dark brown SILT, some Sand, trace roots, some Gravel.	ml		Organic Vapor = 0.0ppm		YP0009		Rec 4.0'/4.0' (0-4' bgs)
	1	sm: Red-orange fine SAND, some Silt, trace Gravel.	sm				YP0010		Direct push refusal at 4' bgs
1020	2								
	3								
	4	ml: Light brown soft moist SILT, some Clay.	ml		Organic Vapor = 0.0ppm			19 50/0.5'	Rec 1.0'/1.0' (4-5' bgs)
		sp: Off white dry SAND.	sp						
	5	NA: No sample collected for lithologic description.	NA						
	6								
	7								
1015	8	sm: Light brown to off-white, dry, fine to medium SAND and SILT.	sm		Organic Vapor = 0.0ppm			50/0.5'	Rec 0.5'/0.5' (8-8.5' bgs)
		NA: No sample collected for lithologic description.							
	9								
	10								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 3 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
					Organic Vapor = 0.0ppm				
	11								
	12		NA						
1010									
	13								
	14								
	15	sm: Off-white fine to medium dry SAND, some Silt.	sm		Organic Vapor = 0.0ppm			22 50/0.5'	Rec 1.0'/1.0' (15-16' bgs)
	16	NA: No sample collected for lithologic description.							
	17								
1005									
	18		NA						
	19								
	20	sp: Light orange to off-white, soft, dry, fine to			Organic			26	Rec 0.7'/1.0' (20-21' bgs)

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 4 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		medium SAND, trace Silt.	sp		Vapor = 0.0ppm			50/0.5'	
		NA: No recovery.	NA						
	21	NA: No sample collected for lithologic description.							
	22								
1000									
	23		NA						
	24								
	25	sp: Light orange to off white, dry, fine to medium SAND, trace Silt.	sp		Organic Vapor = 0.0ppm			50/0.4'	Rec 0.4'/0.4' (25-25.4' bgs)
		NA: No sample collected for lithologic description.							
	26								
	27								
995			NA						
	28								
	29								
	30								Hollow stem auger refusal at 30' bgs Descriptions based on air rotary cuttings (30-240.5'

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 5 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
									bgs)
	31								31
	32								32
990									
	33								33
	34								34
			NA						
	35								35
	36								36
	37								37
985									
	38								38
	39								39
	40	sm: Stiff, yellowish brown, fine SAND, some Silt, poorly graded.							40

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 6 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	41								41
	42								42
980									
	43								43
	44								44
	45		sm						45
	46								46
	47								47
975									
	48								48
	49								49
	50								50

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 7 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	51								51
	52								52
970									
	53								53
	54								54
	55		sm						55
	56								56
	57								57
965									
	58								58
	59								59
	60								60

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 8 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	61								61
	62								62
960									
	63								63
	64								64
	65		sm						65
	66								66
	67								67
955									
	68								68
	69								69
	70	sm: Stiff, yellowish to orangish brown, fine to medium SAND, some Silt, poorly graded, dry.							70
	71								71

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 9 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	71								71
	72								72
950									
	73								73
	74								74
	75								75
			sm						
	76								76
	77								77
945									
	78								78
	79								79
	80								80
	81								81

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 10 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	82								82
940									
	83								83
	84								84
	85								85
	86		sm						86
	87								87
935									
	88								88
	89								89
	90								90
	91								91

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 11 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	92								92
930									
	93		sm						93
	94								94
	95	sm: Stiff, orangish brown fine SAND, some Silt, trace Clay, poorly graded, slightly moist.							95
	96								96
	97								97
925									
	98		sm						98
	99								99
	100								100
	101								101

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 12 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	102								102
920									
	103								103
	104								104
	105								105
	106		sm						106
	107								107
915									
	108								108
	109								109
	110								110
	111								111

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 13 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	112								112
910									
	113		sm						113
	114								114
	115	sm: Stiff, yellowish brown, fine SAND, some Silt, poorly graded, dry.							115
	116								116
	117								117
905									
	118		sm						118
	119								119
	120								120
	121								121

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 14 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	122								122
900									
	123								123
	124								124
	125		sm						125
	126								126
	127								127
895									
	128								128
	129								129
	130	sm: Stiff, yellowish to orangish brown, poorly graded, fine SAND, some Silt, trace Clay, slightly moist.							130
	131		sm						131

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 15 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	132								132
890									
	133								133
	134								134
	135								135
	136								136
	137		sm						137
885									
	138								138
	139								139
	140								140
	141								141
	142								142

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 16 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
880									
	143								143
	144								144
	145								145
	146								146
	147		sm						147
875									
	148								148
	149								149
	150								150
	151								151
	152	sm: Stiff, yellowish to orangish brown, poorly							152

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 17 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		graded, fine SAND, some Silt, trace Clay, slightly moist.							
870									
	153								153
	154								154
	155								155
	156								156
	157		sm						157
865									
	158								158
	159								159
	160								160
	161								161
	162								162

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 18 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
860									
	163								163
	164								164
	165								165
	166								166
	167		sm						167
855									
	168								168
	169								169
	170								170
	171								171
	172								172

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 19 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
850									
	173								173
	174								174
	175								175
	176								176
	177		sm						177
845									
	178								178
	179								179
	180								180
	181								181
	182								182

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 20 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
840									
	183	sm: Stiff, yellowish to orangish brown, poorly graded, fine SAND, some Silt, trace Clay, slightly moist.							183
	184								184
	185								185
	186								186
	187								187
835			sm						
	188								188
	189								189
	190								190
	191								191
	192								192
830									

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan

Geologist: L. O'Hare/N. Badon/G. Robertson

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	193								193
	194								194
	195								195
	196								196
	197								197
825			sm						
	198								198
	199								199
	200								200
	201								201
	202								202
820									

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 22 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	203								203
	204								204
	205								205
	206								206
	207								207
815									
	208		sm						208
	209								209
	210								210
	211								211
	212								212
810									
	213								213

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 23 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	214	sm: Stiff, yellowish to orangish brown, poorly graded, fine SAND, some Silt, trace Clay, slightly moist.							214
	215								215
	216								216
	217								217
805									
	218		sm						218
	219								219
	220								220
	221								221
	222								222
800									
	223								223

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan | Geologist: L. O'Hare/N. Badon/G. Robertson | Sheet 24 of 25 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	224								224
	225								225
	226								226
	227								227
795									
	228		sm						228
	229								229
	230								230
	231								231
	232								232
790									
	233								233

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW04

Project: Fort McClellan

Geologist: L. O'Hare/N. Badon/G. Robertson

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	234								234
	235								235
	236								236
			sm						
	237								237
785									
	238								238
	239								239
	240								240
									Bottom of borehole at 240.5' bgs

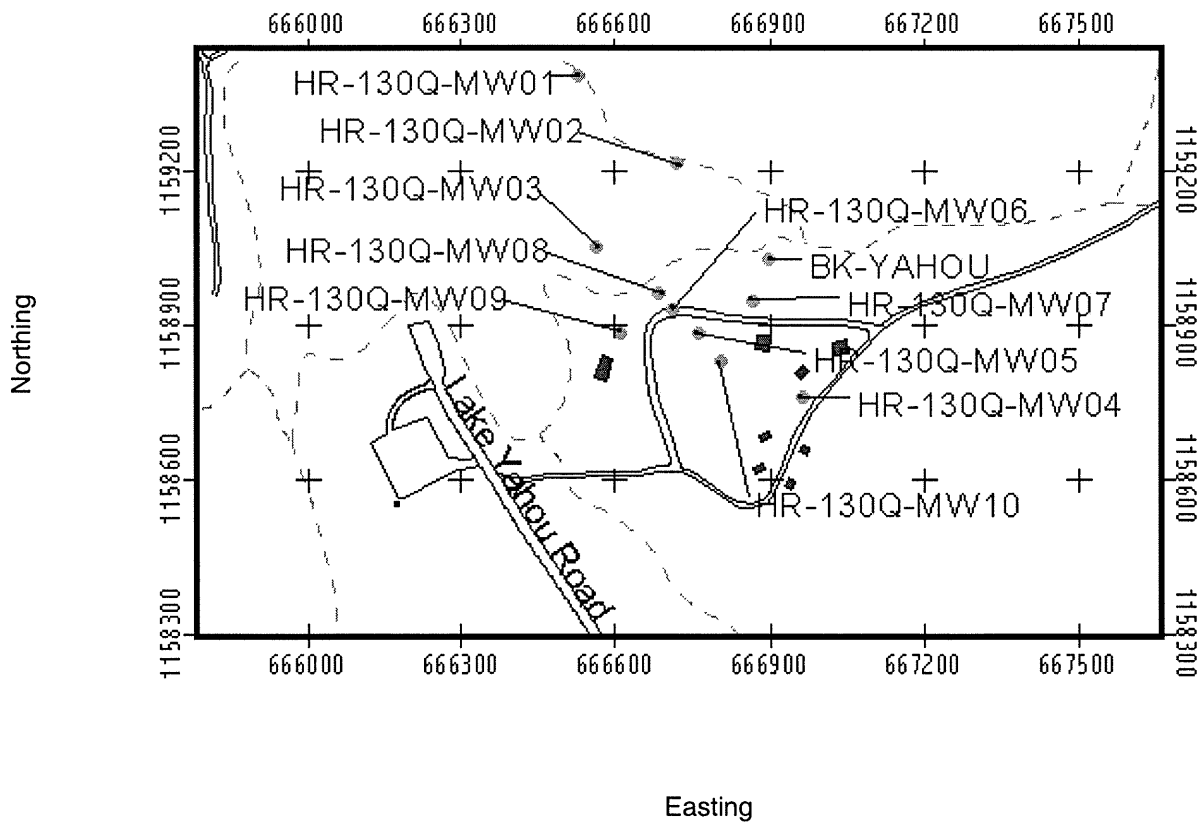
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW05
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: ESN/Miller Drilling Company	Sheet 1 of 8 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: Sammy McDaniel/Steven Gautney	6. Mfr. designation of drill: Geoprobe/CME-75
7. Sizes and types of drilling and sampling equipment: Direct Push, Hollow Stem Auger DP - 4'x2" Acetate-Lined Sampler HSA - 5'x4.25" ID Augers, 2'x2" Steel Split Spoons	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130Q 9. Surface elevation (feet above mean sea level): 1005.60 10. Date started: 10/03/00 — 11. Date completed: 10/11/00
12. Overburden thickness (feet bgs): >70	15. Depth groundwater encountered (feet bgs): 65
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): 44.25 ~16 hours
14. Total depth of hole (feet bgs): 70	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	Yes	Yes	Explosives	SVOCs	NA	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	2" Permanent	NA	Leslie O'Hare/James Dendy		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW05

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW05

Project: Fort McClellan | Geologist: Leslie O'Hare/James Dendy | Sheet 2 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
1005	0	ml: Dark brown SILT, some Sand, little roots, trace fine Gravel.	ml		Organic Vapor = 41.0ppm		YP0011		Rec 4.0'/4.0' (0-4' bgs)
	1	ml: Orange-red SILT, some Sand, little fine quartz-rich Gravel, trace Clay.	ml						
	2								
	3	ml: Red-orange SILT, some Clay, little Sand, trace quartz-rich Gravel.	ml						
	4	sh: Red-orange to gray weathered SHALE.	sh		Organic Vapor = 0.0ppm				Rec 4.0'/4.0' (4-8' bgs)
1000	5								
	6	sh: Greenish gray weathered SHALE, little pink Sand.	sh				YP0012		Direct push refusal at 8' bgs
	7								
	8	cl-ml: Light gray to purple to orange brown CLAY and SILT.	cl-ml		Organic Vapor = 0.0ppm			17 25 28 32	Rec 1.8'/2.0' (8-10' bgs)
	9								
	10	NA: No recovery.	NA						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW05

Project: Fort McClellan | Geologist: Leslie O'Hare/James Dendy | Sheet 3 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		NA: No sample collected for lithologic description.							
995									
	11		NA						
	12								
	13	cl-ml: Yellowish orange CLAY and SILT.	cl-ml		Organic Vapor = 0.0ppm			9 21 27 50/0.5'	Rec 1.0'/2.0' (13-15' bgs)
	14	NA: No recovery.	NA						
	15	NA: No sample collected for lithologic description.							
990									
	16		NA						
	17								
	18	cl: Light gray to olive green CLAY, some purple Sand, trace Silt.	cl		Organic Vapor = 0.0ppm			14 27 33 50/0.5'	Rec 1.0'/2.0' (18-20' bgs)
	19	NA: No recovery.	NA						
	20	NA: No sample collected for lithologic							

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW05

Project: Fort McClellan | Geologist: Leslie O'Hare/James Dendy | Sheet 4 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		description.							
985									
	21		NA						
	22								
	23	cl: Olive green to purple, very stiff CLAY, little Silt.	cl		Organic Vapor = 0.0ppm			12 14 25 38	Rec 1.6'/2.0' (23-25' bgs)
	24								
		NA: No recovery.	NA						
	25	NA: No sample collected for lithologic description.							
980									
	26		NA						
	27								
	28	cl: Olive green to purple, very stiff CLAY, little Silt.	cl		Organic Vapor = 0.0ppm			16 32 50/0.5'	Rec 1.2'/1.5' (28-29.5' bgs)
	29								
		NA: No recovery.	NA						
		NA: No sample collected for lithologic description.							
	30		NA						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW05

Project: Fort McClellan | Geologist: Leslie O'Hare/James Dendy | Sheet 5 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
975									
	31		NA						31
	32								32
	33	cl: Olive green to purple very stiff CLAY, little Silt.	cl		Organic Vapor = 0.0ppm			14 37 50/0.5'	Rec 1.5'/1.5' (33-34.5' bgs) 33
	34								34
		NA: No sample collected for lithologic description.							
	35								35
970									
	36								36
			NA						
	37								37
	38								38
	39	cl: Stiff, light purple CLAY, little Silt, little well sorted fine Sand, vertical orange oxidations throughout.	cl		Organic Vapor = 0.0ppm			10 28 40 50/0.2'	Rec 1.7'/1.7' (39-40.7' bgs) 39
	40								40

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW05

Project: Fort McClellan | Geologist: Leslie O'Hare/James Dendy | Sheet 6 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
965									
	41	NA: No sample collected for lithologic description.	NA						
	42								
	43								
	44	cl: Stiff, light purple and gray CLAY, some well sorted fine Sand, vertical orange oxidations throughout.	cl		Organic Vapor = 0.0ppm			17 34 50/0.3'	Rec 1.3'/1.3' (44-45.3' bgs)
	45								
960		NA: No sample collected for lithologic description.	NA						
	46								
	47								
	48								
	49	cl: Stiff light purple and light gray CLAY, some well sorted fine Sand, little Silt, orange oxidations throughout.	cl		Organic Vapor = 0.0ppm			15 31 50/0.3'	Rec 1.3'/1.3' (49-50.3' bgs)
	50								
955		NA: No sample collected for lithologic description.							

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW05

Project: Fort McClellan | Geologist: Leslie O'Hare/James Dendy | Sheet 7 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	51								51
	52		NA						52
	53								53
	54	cl: Stiff light purple and light gray CLAY, some well sorted fine sand, little Silt, orange oxidations throughout.	cl		Organic Vapor = 0.0ppm			12 32 50/0.4'	Rec 1.4'/1.4' (54-55.4' bgs) 54
	55								55
950		NA: No sample collected for lithologic description.							
	56								56
	57		NA						57
	58								58
	59	cl: Stiff light purple CLAY, some well sorted fine Sand, orange oxidations throughout.	cl		Organic Vapor = 0.0ppm			18 35 50/0.5'	Rec 1.5'/1.5' (59-60.5' bgs) 59
	60								60
945		NA: No sample collected for lithologic description.							

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW05

Project: Fort McClellan | Geologist: Leslie O'Hare/James Dendy | Sheet 8 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	61								61
	62		NA						62
	63								63
	64	cl: Stiff light purple and light gray CLAY, some well sorted fine Sand, orange oxidations throughout.	cl		Organic Vapor = 0.0ppm			19 34 50/0.3'	Rec 1.3'/1.3' (64-65.3' bgs) 64
	65								Groundwater encountered at 65' bgs 65
940		NA: No sample collected for lithologic description.							
	66								66
	67		NA						67
	68								68
	69	cl: Stiff gray CLAY, some well sorted, fine Sand.	cl		Organic Vapor = 0.0ppm			12 50/0.3'	Rec 0.8'/0.8' (69-69.8' bgs) 69
	70	NA: No sample collected for lithologic description.	NA						Auger refusal at 70' bgs Bottom of borehole at 70' bgs 70

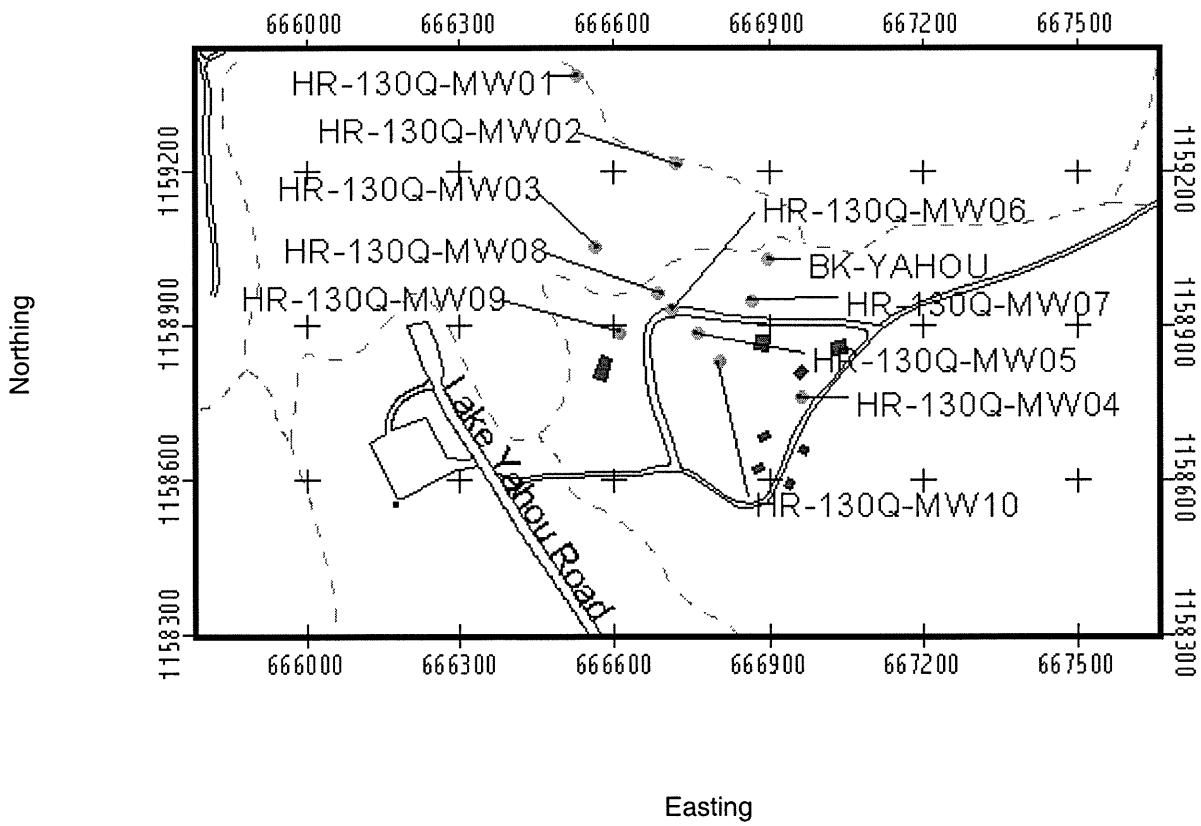
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW06
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: Miller Drilling Company	Sheet 1 of 16 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: David Gentry/Glen Bilbrey/Robert Gentry	6. Mfr. designation of drill: Schramm T450W/CME-550X
7. Sizes and types of drilling and sampling equipment: Air Rotary, Triple PQ Coring AR- 7.785" and 12.25" Tri-Cone Roller Bits PQ- 5'x4" PQ3 Wireline Core Barrel	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130QX 9. Surface elevation (feet above mean sea level): 997.2 10. Date started: 02/12/02 — 11. Date completed: 03/19/02
12. Overburden thickness (feet bgs): >150	15. Depth groundwater encountered (feet bgs): 25
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): 92.44 on 03/19/02
14. Total depth of hole (feet bgs): 150	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: 1		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	NA	NA	NA	NA	NA	1.8
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	4" Permanent	NA	Mark Shoemaker/Cindy Levaas		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW06

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 2 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	0	sc: Yellowish orange, fine to medium SAND, some Silt, little Clay.							Description from air rotary drill cuttings (0-100' bgs)
	1								
	2								
995									
	3								
	4								
	5		sc						
	6								
	7								
990									
	8								
	9								
	10								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 3 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	11								11
985	12								12
	13								13
	14								14
	15		sc						15
	16								16
980	17								17
	18								18
	19								19
	20								20

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 4 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	21								
	22								
975									
	23								
	24								
	25		sc						Groundwater encountered at 25' bgs
	26								
	27								
970									
	28								
	29								
	30								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 5 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		sc: Yellowish orange, fine to medium SAND, some Silt, little Clay.							
	31								31
	32								32
965									
	33								33
	34								34
	35		sc						35
	36								36
	37								37
960									
	38								38
	39								39
	40								40

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan

Geologist: Mark Shoemaker/Cindy Levaas

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	41								41
955	42								42
	43								43
	44								44
	45		sc						45
	46								46
950	47								47
	48								48
	49								49
	50								50

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 7 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	51								51
	52								52
945									
	53								53
	54								54
	55								55
			sc						
	56								56
	57								57
940									
	58								58
	59								59
	60								60

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 8 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	61	sc: Yellowish orange, fine to medium SAND, some Silt, little Clay.							
935	62								
	63								
	64								
	65		sc						
	66								
930	67								
	68								
	69								
	70								
	71								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 9 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	71								71
	72								72
925									
	73								73
	74								74
	75								75
			sc						
	76								76
	77								77
920									
	78								78
	79								79
	80								80
	81								81

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 10 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	82								82
915									
	83								83
	84								84
	85								85
	86		sc						86
	87								87
910									
	88								88
	89								89
	90								90
	91								91

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 11 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	92								92
905									
	93								93
	94								94
	95		sc						95
	96								96
	97								97
900									
	98								98
	99								99
									Installed 8" steel casing at 100' bgs
	100	gc: SANDSTONE conglomerate, hard, weathered, orange oxidation, some well sorted medium grained coarse sandstone Gravel and Cobbles, some light gray to light brown clay. (Most of the clay washed out of the sample.) Colors ranging from moderate brown to dark yellowish orange.	gc		Organic Vapor = 0.0ppm	Box 1 of 1 (100.0-105.9' bgs)			Run 1 (100'-103.9' bgs) Ran 3.9' Rec 1.5' Loss 2.4' UL 2.4' Water used 530 gallons, rec 60%, light brown HP 475psi WP 95psi RQD 0
	101								101

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 12 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		NA: No recovery							
895	102		NA						102
	103								103
	104	cl: Light brown to pinkish brown, moist, soft to medium stiff, laminated CLAY, some fine to coarse Sand.	cl		Organic Vapor = 0.0ppm			CD= 103.9	Run 2 (103.9-105.9' bgs) Ran 2.0' Rec 0.3' Loss 1.7' UL 1.7' Water used 100 gallons, rec 75%, light brown HP 450psi WP 10psi RQD 0
		NA: No recovery.							
	105		NA						105
	106	cl: Yellowish orange to purple, wet CLAY, little siltstone Gravel, little mudstone Gravel.							Air rotary drilling resumed due to lack of competent rock for coring. Description from air rotary drill cuttings (105.9-150' bgs)
890	107								107
	108								108
	109		cl						109
	110								110
	111								111

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 13 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	112								112
885									
	113								113
	114								114
	115								115
			cl						
	116								116
	117								117
880									
	118								118
	119								119
	120								120
	121								121

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 14 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	122								122
875									
	123								123
	124								124
	125								125
	126		cl						126
	127								127
870									
	128								128
	129								129
	130								130
	131								131

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 15 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
865	132	cl: Yellowish orange to purple, wet CLAY, little siltstone Gravel, little mudstone Gravel.							132
	133								133
	134								134
	135								135
	136		cl						136
860	137								137
	138								138
	139								139
	140								140
	141								141
	142								142

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW06

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 16 of 16 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
855									
	143								143
	144								144
	145								145
			cl						
	146								146
	147								147
850									
	148								148
	149								149
									Bottom of borehole at 150' bgs
	150								150

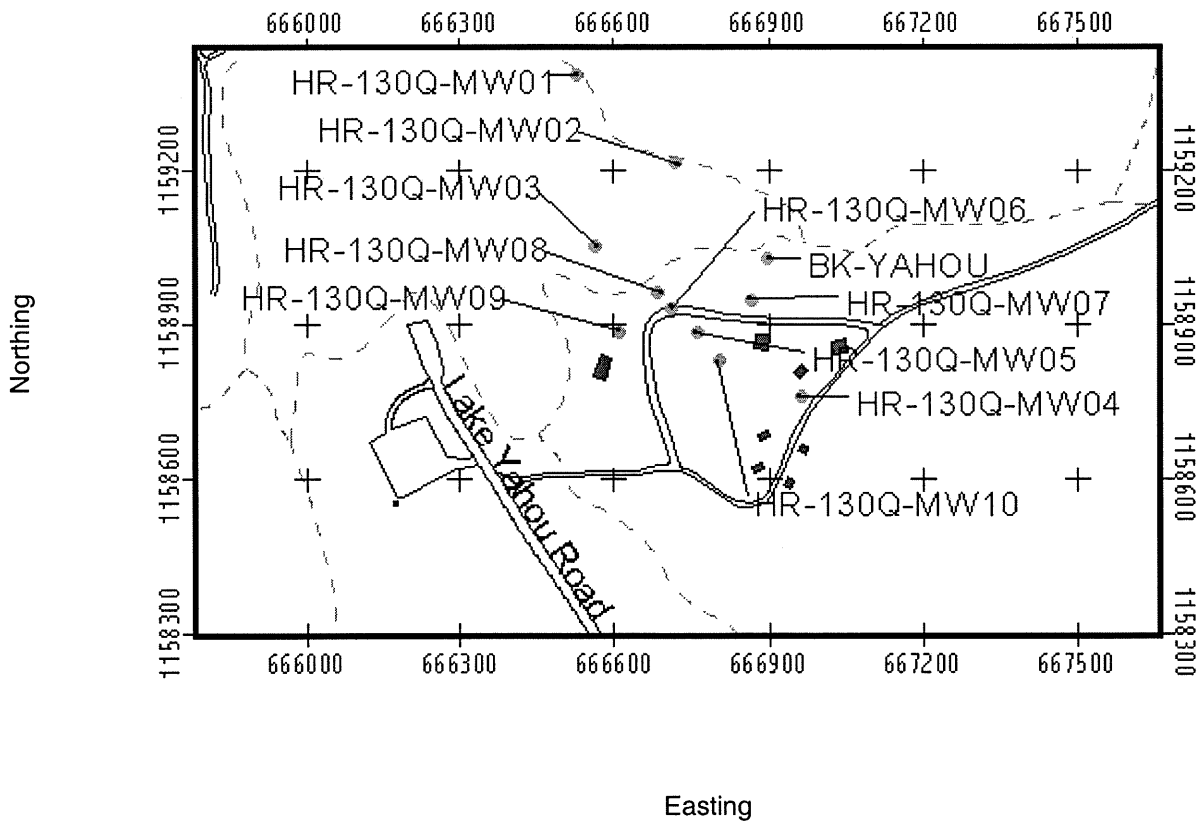
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW07
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: Miller Drilling Company	Sheet 1 of 12 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: Kerry Drake/David Gentry	6. Mfr. designation of drill: Mobile B57/Schramm T450W
7. Sizes and types of drilling and sampling equipment: Hollow Stem Auger, Air Rotary HSA - 5'x4.25" ID Augers, 2'x2" Steel Split Spoons AR - 12.25" Tri-cone Roller Bit	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130QX 9. Surface elevation (feet above mean sea level): 1004.20 10. Date started: 02/04/02 — 11. Date completed: 03/08/02
12. Overburden thickness (feet bgs): >108	15. Depth groundwater encountered (feet bgs): 88
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): NA
14. Total depth of hole (feet bgs): 108	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	NA	NA	NA	NA	NA	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	2" Permanent	NA	Mark Shoemaker		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW07

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 2 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	0	sm: Light brown to yellowish orange, fine to medium SAND, little Silt, trace Clay, little organics, moist.	sm		Organic Vapor = 2.1ppm			4 4 3 3	Rec 2.0'/2.0' (0-2' bgs)
	1								
	2	sm: Reddish brown, fine to medium SAND, little Silt, little organics, trace Clay, moist.	sm		Organic Vapor = 0.0ppm			2 3 8 11	Rec 2.0'/2.0' (2-4' bgs)
	3								
1000	4	NA: No sample collected for lithologic description.	NA						
	5								
	6	sm: Light tan fine SAND, some Silt, trace medium Sand, dry.	sm		Organic Vapor = 0.0ppm			5 18 33 50/0.4'	Rec 1.9'/1.9' (6-7.9' bgs)
	7								
	8	NA: No sample collected for lithologic description.	NA						
		sm: Tan well sorted fine SAND, little Silt, trace organics, yellowish orange oxidations throughout.			Organic Vapor = 0.0ppm			9 18 28 28	Rec 2.0'/2.0' (8-10' bgs)
995	9		sm						
	10								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 3 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		sm: Light pink to tan, well sorted, fine SAND, little Silt, trace organics, yellowish orange oxidations throughout.	sm		Organic Vapor = 0.0ppm			24 24 32 44	Rec 2.0'/2.0' (10-12' bgs)
	11								
	12	NA: No sample collected for lithologic description.	NA						
	13	sm: Light pink to tan, well sorted, fine SAND, little Silt, trace organics, yellowish orange oxidations throughout.	sm		Organic Vapor = 0.0ppm			16 25 37 41	Rec 2.0'/2.0' (13-15' bgs)
	14								
990									
	15	NA: No sample collected for lithologic description.	NA						
	16								
	17								
	18	cl: Dark pink to tan, very stiff SILT, some Clay, moist, oxidations throughout.	cl		Organic Vapor = 0.0ppm			18 11 20 38	Rec 2.0'/2.0' (18-20' bgs)
	19								
985									
	20	NA: No sample collected for lithologic							

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 4 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		description.							
	21		NA						
	22								
	23	sm: Light pink to yellowish orange to tan, well sorted, fine SAND, little Silt, oxidations throughout.	sm		Organic Vapor = 0.0ppm			10 16 22 28	Rec 2.0'/2.0' (23-25' bgs)
980	24								
	25	NA: No sample collected for lithologic description.	NA						
	26								
	27								
	28	cl-sm: Light pink to yellowish orange to tan, well sorted, fine SAND, little Silt, oxidations throughout, grades to dark pink, hard CLAY, laminated oxidations throughout.	cl-sm		Organic Vapor = 0.0ppm			22 33 50/0.3'	Rec 1.3'/1.3' (28-29.3' bgs)
975	29								
		NA: No sample collected for lithologic description.							
	30								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 5 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	31		NA						
	32								
	33	sm: Dark pink to light pink, very fine SAND, some Silt, oxidations.	sm		Organic Vapor = 0.0ppm			16 22 28 50	Rec 2.0'/2.0' (33-35' bgs)
970	34								
	35	NA: No sample collected for lithologic description.	NA						
	36								
	37								
	38	cl-sm: Tan, laminated, very fine SAND, some Silt, oxidations, grades to dark purple, hard Clay, some Silt, oxidations.	cl-sm		Organic Vapor = 0.0ppm			14 24 32 38	Rec 2.0'/2.0' (38-40' bgs)
965	39								
	40	NA: No sample collected for lithologic description.							

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 6 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	41		NA						
	42								
	43	sm: Light pink to tan, laminated fine SAND, little Silt, oxidations throughout.	sm		Organic Vapor = 0.0ppm			22 27 43 50	Rec 2.0'/2.0' (43-45' bgs)
960	44								
	45	NA: No sample collected for lithologic description.	NA						
	46								
	47								
	48	sm: Light pink to tan, laminated fine SAND, little Silt, oxidations throughout.	sm		Organic Vapor = 0.0ppm			16 28 39 50/0.3'	Rec 1.8'/1.8' (48-49.8' bgs)
955	49								
	50	NA: No sample collected for lithologic description.							

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 7 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	51		NA						
	52								
	53	cl-sm: Light pink to tan, fine, laminated SAND, little Silt, oxidations throughout, grades to purple, hard CLAY, little fine Sand, then grades back to SAND.	cl-sm		Organic Vapor = 0.0ppm			19 50/0.4'	Rec 0.9'/0.9' (53-53.9' bgs)
950	54	NA: No sample collected for lithologic description.							
	55								
	56		NA						
	57								
	58	sm: Light purple to tan, fine SAND, little Silt, oxidations throughout.			Organic Vapor = 0.0ppm			20 30 28 32	Rec 2.0'/2.0' (58-60' bgs)
945	59		sm						
	60	NA: No sample collected for lithologic description.							

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 8 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	61		NA						
	62								
	63	cl-sm: Light purple to tan, fine SAND, little Silt, oxidations throughout, grades to purple, hard CLAY, some Silt.	cl-sm		Organic Vapor = 0.0ppm			25 50/0.4'	Rec 0.9'/0.9' (63-63.9' bgs)
940	64	NA: No sample collected for lithologic description.							
	65								
	66		NA						
	67								
	68	sc: Purple, light pink and tan, extra fine SAND, some Silt, little Clay, oxidations throughout.	sc		Organic Vapor = 0.0ppm			25 45 50/0.3'	Rec 1.3'/1.3' (68-69.3' bgs)
935	69	NA: No sample collected for lithologic description.							
	70								
	71								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 9 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	71		NA						
	72								
	73	cl: Purple to tan, hard CLAY, laminated, friable.	cl		Organic Vapor = 0.0ppm			40 50/0.3'	Auger refusal at 73' bgs Rec 0.7'/0.8' (73-73.8' bgs)
		NA: No recovery.	NA						Description from air rotary drill cuttings (73-108' bgs)
930	74	sc: Light brown to reddish brown SAND and CLAY.							
	75								
	76								
	77		sc						
	78								
925	79								
	80								
	81								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 10 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	82								82
	83								83
			sc						
	84								84
920									
	85								85
		sc: Light brown to yellowish orange SAND and CLAY.							
	86								86
	87								87
	88								88 Groundwater encountered at 88' bgs
			sc						
	89								89
915									
	90								90
	91								91

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 11 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	92								92
	93								93
	94								94
910									
	95								95
			SC						
	96								96
	97								97
	98								98
	99								99
905									
	100								100
	101								101

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW07

Project: Fort McClellan | Geologist: Mark Shoemaker | Sheet 12 of 12 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	102								102
	103								103
	104								104
900			sc						
	105								105
	106								106 Borehole collapse - well set at 106' bgs
	107								107
	108								Bottom of borehole at 108' bgs 108

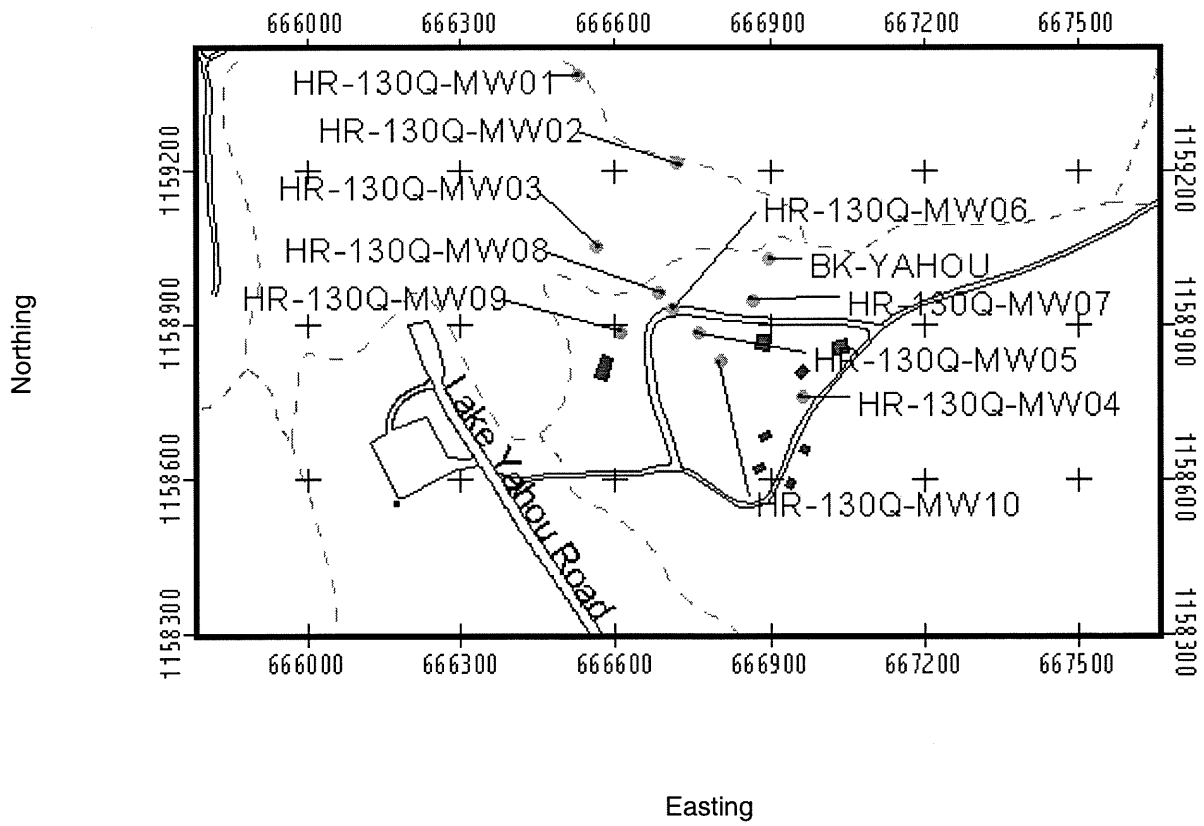
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW08
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: Miller Drilling Company	Sheet 1 of 8 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: Kerry Drake/David Gentry/Glen Bilbrey	6. Mfr. designation of drill: Mobile B57/Schramm T450W/CME-550X
7. Sizes and types of drilling and sampling equipment: Hollow Stem Auger, Air Rotary HSA - 5'x4.25" ID Augers, 2'x2" Steel Split Spoons AR - 12.25" Tri-cone Roller Bit	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130QX 9. Surface elevation (feet above mean sea level): 995.20 10. Date started: 02/07/02 — 11. Date completed: 03/14/02
12. Overburden thickness (feet bgs): >71	15. Depth groundwater encountered (feet bgs): 14.0, 64.0
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): NA
14. Total depth of hole (feet bgs): 71	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	NA	NA	NA	NA	NA	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	2" Permanent	NA	Mark Shoemaker/Cindy Levaas		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW08

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW08

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 2 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
995	0	sc: Light brown, medium to fine SAND, some Silt, little Clay, little rounded Gravel, moist.	sc		Organic Vapor = 0.0ppm			4 4 4 3	Rec 2.0'/2.0' (0-2' bgs)
	1								
	2				Organic Vapor = 0.0ppm			3 6 10 12	Rec 1.5'/2.0' (2-4' bgs)
	3								
		NA: No recovery.	NA						
	4	sc: Yellowish orange SAND, some Clay, trace fine Gravel, trace organics, moist.	sc		Organic Vapor = 0.0ppm			12 12 14 18	Rec 2.0'/2.0' (4-6' bgs)
990	5								
	6	cl-sc: Yellowish orange SAND, some Clay, trace fine Gravel, trace organics, moist, grades to reddish brown and yellowish orange, hard CLAY, some Silt, trace Sand, oxidations throughout.	cl-sc		Organic Vapor = 0.0ppm			14 23 29 49	Rec 2.0'/2.0' (6-8' bgs)
	7								
	8	cl: Reddish brown, yellowish orange, and light tan, hard CLAY, trace Silt, trace Gravel, moist, plastic texture.	cl		Organic Vapor = 0.0ppm			10 34 43 50/0.3'	Rec 1.8'/1.8' (8-9.8' bgs)
	9								
	10	NA: No sample collected for lithologic	NA						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW08

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 3 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
985		description. cl: Reddish brown, yellowish orange, and light tan, hard CLAY, trace Silt, trace Gravel, moist, plastic texture, grades to light purple, hard CLAY, trace very fine Sand.	cl		Organic Vapor = 0.0ppm			11 14 24 45	Rec 1.3'/2.0' (10-12' bgs)
	11								11
		NA: No recovery.	NA						
	12	NA: No sample collected for lithologic description.	NA						12
	13	cl: Light purple, hard CLAY, trace very fine Sand, irregular oxidation lines along planes.	cl		Organic Vapor = 0.0ppm			14 35 50/0.4'	Rec 1.3'/1.4' (13-14.4' bgs) 13
	14								Groundwater encountered at 14' bgs 14
		NA: No recovery.	NA						
		NA: No sample collected for lithologic description.							
	15								15
980									
	16		NA						16
	17								17
	18	cl: Light purple, hard CLAY, trace very fine Sand, irregular oxidation lines along planes, friable, with a thin, moist, Sandy zone.	cl		Organic Vapor = 0.0ppm			24 46 50/0.3'	Rec 1.3'/1.3' (18-19.3' bgs) 18
	19								19
		NA: No sample collected for lithologic description.							
	20								20
975									

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW08

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 4 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	21		NA						
	22								
	23	cl: Light purple, hard, laminated CLAY, little fine Sand, oxidations along planes, top of sample is saturated.	cl		Organic Vapor = 0.0ppm			22 46 50/0.3'	Rec 1.1'/1.3' (23-24.3' bgs)
	24	NA: No recovery.	NA						
		NA: No sample collected for lithologic description.	NA						
	25	sc: Pinkish brown to light brown, fine to medium SAND, some Silt, some Clay.							
970									Description from air rotary drill cuttings (25-30' bgs)
	26								
	27		sc						
	28								
	29								Installed 10' steel temporary casing to 30' bgs
	30	NA: No sample collected for lithologic description.							Resume HSA drilling through casing
965									

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW08

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 5 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	31								
	32		NA						
	33								
	34	cl: Pinkish brown to light gray to pinkish purple, wet to slightly moist, soft to very stiff, laminated CLAY, some Silt.			Organic Vapor = 0.0ppm			7 20 38 55/0.5'	Rec 2.0'/2.0' (34-36' bgs)
960	35		cl						
	36	NA: No sample collected for lithologic description.							
	37								
			NA						
	38								
	39	cl: Pinkish brown to light gray to pinkish purple, wet to slightly moist, soft to very stiff, laminated CLAY, some Silt.			Organic Vapor = 0.0ppm			6 8 31 65/0.3'	Rec 1.8'/1.8' (39-40.8' bgs)
955	40		cl						

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW08

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 6 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	41	NA: No sample collected for lithologic description.	NA						
	42								
	43								
	44	cl: Pinkish brown to pinkish purple to light gray, slightly moist, very stiff to hard CLAY, some Silt.	cl		Organic Vapor = 0.0ppm			6 13 45 55/0.4'	Rec 1.4'/1.9' (44-45.9' bgs)
950	45								
		NA: No recovery.	NA						
	46	NA: No sample collected for lithologic description.	NA						
	47								
	48								
	49	cl: Light brown to reddish brown, dry to slightly moist, laminated, very stiff CLAY, some Silt.	cl		Organic Vapor = 0.0ppm			19 59/0.4'	Rec 0.9'/0.9' (49-49.9' bgs)
945	50	NA: No sample collected for lithologic description.							

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW08

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 7 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	51								51
	52		NA						52
	53								53
	54	cl: Light brown to pinkish purple to light gray, slightly moist to very moist, medium stiff to very stiff, laminated CLAY, some Silt, trace rounded, medium grained, well sorted, sandstone Gravel.			Organic Vapor = 0.0ppm			10 23 36 50/0.3'	Rec 1.8'/1.8' (54-55.8' bgs) 54
940	55		cl						55
	56	NA: No sample collected for lithologic description.							56
	57		NA						57
	58								58
	59	cl: Light brown to pinkish purple to light gray, slightly moist to very moist, medium stiff to very stiff, laminated CLAY, some Silt, trace rounded, medium grained, well sorted, sandstone Gravel.	cl		Organic Vapor = 0.0ppm			8 31 55/0.3'	Rec 1.3'/1.3' (59-60.3' bgs) 59
935	60	NA: No sample collected for lithologic description.							60

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW08

Project: Fort McClellan | Geologist: Mark Shoemaker/Cindy Levaas | Sheet 8 of 8 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	61								61
	62		NA						62
	63								63
	64	cl-ml: Light brown to light gray to pinkish purple, wet, soft to stiff CLAY and SILT, some fine to medium grained, well sorted, subangular, oxidized, sandstone Gravel.	cl-ml		Organic Vapor = 0.0ppm			5 44 55/0.3'	Rec 1.3'/1.3' (64-65.3' bgs) Groundwater encountered at 64' bgs 64
930	65	NA: No sample collected for lithologic description.							65
	66								66
	67								67
	68		NA						68
	69								69

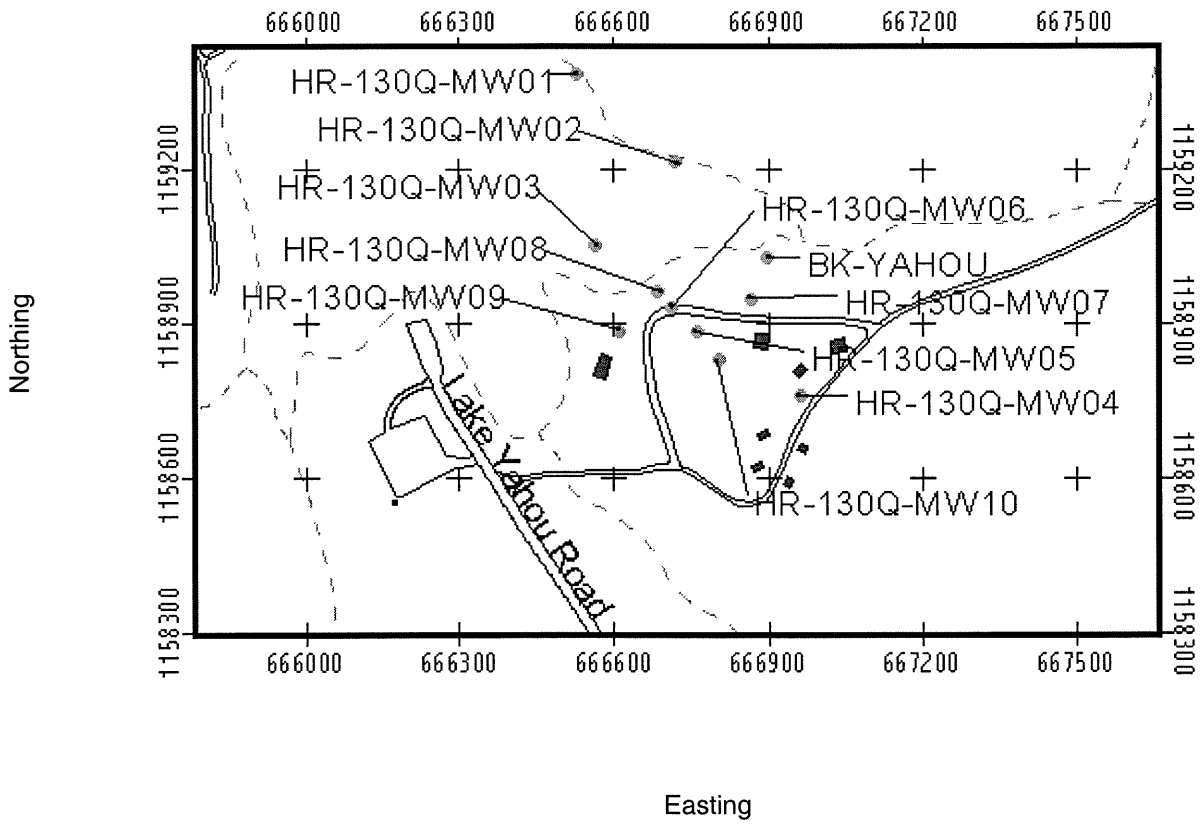
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW09
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: Miller Drilling Company	Sheet 1 of 9 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: Glen Bilbrey/Robert Gentry	6. Mfr. designation of drill: CME-550X/Schramm T450W
7. Sizes and types of drilling and sampling equipment: Hollow Stem Auger, Air Rotary HSA - 5'x4.25" ID Augers, 2'x2" Steel Split Spoons AR - 14.25" Tri-cone Roller Bit	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130QX 9. Surface elevation (feet above mean sea level): 995.60 10. Date started: 02/26/02 — 11. Date completed: 04/10/02
12. Overburden thickness (feet bgs): >80	15. Depth groundwater encountered (feet bgs): 24
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): 5.03 ~7 days
14. Total depth of hole (feet bgs): 80	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	NA	NA	NA	NA	NA	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	2" Permanent	NA	Cindy Levaas/Kyle Wilson		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW09

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW09

Project: Fort McClellan | Geologist: Cindy Levaas/Kyle Wilson | Sheet 2 of 9 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
995	0	cl: Dark brown, moist, medium stiff CLAY, some Silt, trace organics.	cl		Organic Vapor = 14.3ppm			1 1 2 1	Rec 0.8'/2.0' (0-2' bgs)
	1	NA: No recovery.	NA						
	2	cl: Yellowish orange, moist, medium stiff CLAY, some Silt.	cl		Organic Vapor = 0.0ppm			1 3 4 11	Rec 1.4'/2.0' (2-4' bgs)
	3	NA: No recovery.	NA						
	4	ml: Light brown, moist SILT, some CLAY, little fine to medium Sand, little pink coarse subangular well sorted sandstone Gravel.	ml		Organic Vapor = 0.0ppm			8 10 10 21	Rec 2.0'/2.0' (4-6' bgs)
990	5								
	6	sm: Dark brown to yellowish orange, moist fine to medium SAND and SILT, little Clay, little fine to medium grained, well sorted, oxidized, sandstone Gravel.	sm		Organic Vapor = 0.0ppm			13 19 32 40	Rec 1.9'/2.0' (6-8' bgs)
	7								
	8	NA: No recovery.	NA						
		cl-ml: Light brown to yellowish orange, moist to wet, soft to medium stiff CLAY and SILT, some fine to medium Sand.	cl-ml		Organic Vapor = 0.0ppm			22 54 55/0.2'	Rec 0.9'/1.2' (8-9.2' bgs)
	9	NA: No recovery.	NA						
		NA: No sample collected for lithologic description.	NA						
	10								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW09

Project: Fort McClellan | Geologist: Cindy Levaas/Kyle Wilson | Sheet 3 of 9 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
		sm: Yellowish orange to orange, moist, fine to medium SAND and SILT, some Clay.	sm		Organic Vapor = 0.0ppm			65/0.5'	Rec 0.5'/0.5' (10-10.5' bgs)
985		NA: No sample collected for lithologic description.							
	11								11
	12		NA						12
	13								13
	14	sm: Pinkish orange, moist, fine to medium SAND and SILT, little Clay.	sm		Organic Vapor = 0.0ppm			65/0.5'	Rec 0.5'/0.5' (14-14.5' bgs) 14
		NA: No sample collected for lithologic description.							
	15								15
980									
	16								16
	17		NA						17
	18								18
	19	sm: Pinkish orange, moist, fine to medium SAND and SILT, little Clay.	sm		Organic Vapor = 0.0ppm			75/0.5'	Rec 0.4'/0.5' (19-19.5' bgs) 19
		NA: No recovery.	NA						
		NA: No sample collected for lithologic description.							
	20								20

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW09

Project: Fort McClellan | Geologist: Cindy Levaas/Kyle Wilson | Sheet 4 of 9 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
975									
	21								21
			NA						
	22								22
	23								23
									Groundwater encountered at 24' bgs
	24	sm: Pinkish orange, wet, fine to coarse SAND, some Silt.	sm		Organic Vapor = 0.0ppm			80/0.3'	Rec 0.3'/0.3' (24-24.3' bgs) 24
		NA: No sample collected for lithologic description.							
	25								25
970									
	26								26
			NA						
	27								27
	28								28
	29	sm: Pinkish orange, wet, fine to coarse SAND, some Silt.	sm					75/0.5'	Rec 0.5'/0.5' (29-29.5' bgs) 29
		NA: No sample collected for lithologic description.	NA						
	30	sc: Yellowish orange to yellow, medium to fine SAND, little Clay.							Description from air rotary drill cuttings (30-40' bgs) 30

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW09

Project: Fort McClellan | Geologist: Cindy Levaas/Kyle Wilson | Sheet 5 of 9 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
965									
	31								
	32								
	33								
	34								
			sc						
	35								
960									
	36								
	37								
	38								Bottom of 10" casing at 38' bgs
	39								
	40	sw: Yellowish orange, wet, fine to medium SAND.						3 6 12 14	Rec 2.0'/2.0' (40-42' bgs)

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW09

Project: Fort McClellan | Geologist: Cindy Levaas/Kyle Wilson | Sheet 6 of 9 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
955									
	41		sw						
	42	NA: No sample collected for lithologic description.	NA						
	43	sw: Yellowish orange, wet, fine to medium SAND, little Clay.			Organic Vapor = 0.0ppm			13 10 17 19	Rec 2.0'/2.0' (43-45' bgs)
	44		sw						
	45	sw: Yellowish orange, wet, fine to medium SAND, little Clay.	sw		Organic Vapor = 0.0ppm			50/0.1'	Rec 0.1'/0.1' (45-45.1' bgs)
950		NA: No sample collected for lithologic description.							
	46		NA						
	47	sc: Yellowish orange, wet, coarse to fine SAND, some Clay, little reddish brown, oxidized, fine grained sandstone Gravel.			Organic Vapor = 0.0ppm				Description from air rotary drill cuttings (47-80' bgs)
	48		sc						
	49								
	50								
945									

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW09

Project: Fort McClellan | Geologist: Cindy Levaas/Kyle Wilson | Sheet 7 of 9 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	51								51
	52								52
			sc						
	53								53
	54								54
	55	sc: Yellowish orange, wet, medium to fine SAND, some Clay, little fine to medium grained sandstone Gravel.							55
940									
	56								56
	57								57
	58		sc						58
	59								59
	60								60
935									

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW09

Project: Fort McClellan | Geologist: Cindy Levaas/Kyle Wilson | Sheet 8 of 9 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	61								61
	62								62
	63								63
	64								64
	65								65
930			sc						
	66								66
	67								67
	68								68
	69								69
	70								70
925									
	71								71

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW09

Project: Fort McClellan | Geologist: Cindy Levaas/Kyle Wilson | Sheet 9 of 9 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	71								
	72		sc						
	73								
	74	cl: Yellowish orange, soft to medium stiff, partially laminated CLAY, some medium to fine Sand, wet.							
	75								
920			cl						
	76								
	77	sc: Yellowish orange, wet, medium to fine SAND, some Clay, little sandstone Gravel.							
	78		sc						
	79								
	80								Bottom of borehole at 80' bgs

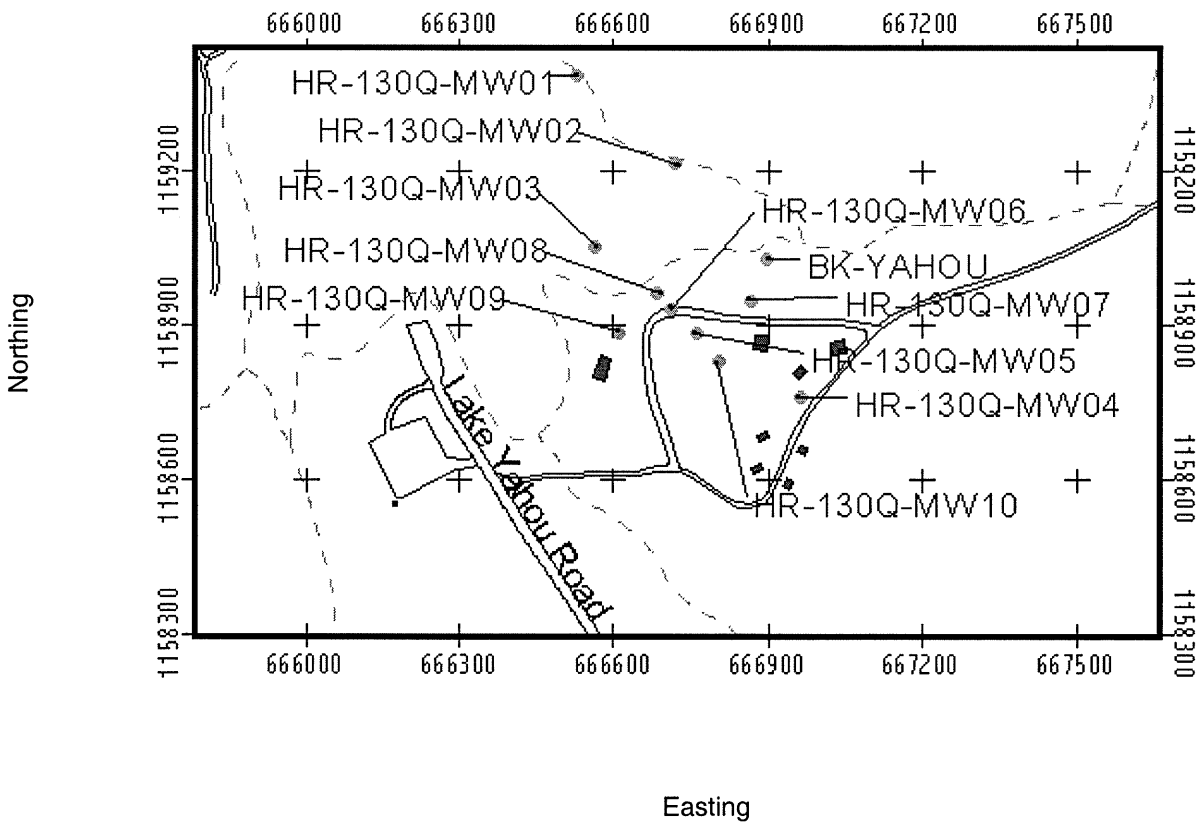
HTRW DRILLING LOG

District: **Mobile USACE**		**HOLE NUMBER** HR-130Q-MW10
1. Company name: **Shaw Environmental, Inc.**	2. Drill Subcontractor: Miller Drilling Company	Sheet 1 of 15 sheets

3. Project: Fort McClellan	4. Location: **Calhoun County, Alabama**
5. Name of driller: Robert Gentry	6. Mfr. designation of drill: Schramm T450W
7. Sizes and types of drilling and sampling equipment: Air Rotary AR - 7.785" Tri-cone Roller Bit	8. Hole location: Former Mock Village at Yahou Lake, Parcel 130QX 9. Surface elevation (feet above mean sea level): 1011.60 10. Date started: 03/19/02 — 11. Date completed: 03/25/02
12. Overburden thickness (feet bgs): >138	15. Depth groundwater encountered (feet bgs): Not encountered
13. Depth drilled into rock (feet bgs): 0	16. Depth to water and elapsed time after drilling completed (feet bgs): 91.47 ~24 hours
14. Total depth of hole (feet bgs): 138	17. Other water level measurements (specify): NA

18. Geotechnical samples:	Collected:	Disturbed:	Undisturbed:	19. Total no. of core boxes: NA		
	NA	NA	NA			
20. Samples for chemical analysis:	VOC	Metals	Other (specify)	Other (specify)	Other (specify)	21. Total core recovery:
	NA	NA	NA	NA	NA	NA
22. Disposition of hole:	Backfilled	Monitoring well	Other (specify)	Geologist:		
	NA	2" Permanent	NA	Kyle Wilson		

LOCATION SKETCH/COMMENTS:



Project: Fort McClellan

bgs= below ground surface
NA = Not applicable

Hole no.: HR-130Q-MW10

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 2 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	0	cl: Light brown to brown, soft CLAY, some coarse to fine Sand.	cl						Description from air rotary drill cuttings (0-138' bgs)
1010	1								
	2	cl: Light brown, medium stiff CLAY, little coarse to fine Sand.	cl						
	3								
	4	cl: Light brown, medium stiff CLAY, some coarse to fine Sand, little subangular, sandstone Gravel.	cl						
	5								
	6	cl-ml: Yellowish orange, medium stiff CLAY and SILT, little fine to medium Sand.	cl-ml						
1005	7								
	8	cl-ml: Yellowish orange to light pink CLAY and SILT, little fine Sand.	cl-ml						
	9								
	10								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 3 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	11								11
1000									
	12								12
			cl-ml						
	13								13
	14								14
	15	cl: Yellowish orange, medium stiff to soft CLAY.							15
	16								16
995									
	17								17
			cl						
	18								18
	19								19
	20								20

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 4 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	21								21
990									
	22								22
			cl						
	23								23
	24								24
	25	cl-ml: Yellowish orange to light brown, medium stiff to soft CLAY and SILT.							25
	26								26
985									
	27								27
			cl-ml						
	28								28
	29								29
	30								30

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 5 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	31								31
980									
	32								32
			cl-ml						
	33								33
	34								34
	35	cl-ml: Alternating pinkish purple and yellowish orange soft SILT and CLAY.							35
	36								36
975									
	37								37
	38		cl-ml						38
	39								39
	40								40

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 6 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	41								41
970									
	42								42
	43								43
	44								44
	45								45
			cl-ml						
	46								46
965									
	47								47
	48								48
	49								49
	50								50

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 7 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	51								51
960									
	52								52
	53								53
	54								54
	55								55
			cl-ml						
	56								56
955									
	57								57
	58								58
	59								59
	60								60

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 8 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	61	cl-ml: Alternating pinkish purple and yellowish orange soft SILT and CLAY.							
950									
	62								
	63								
	64								
	65								
			cl-ml						
	66								
945									
	67								
	68								
	69								
	70								
	71								

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 9 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	71								71
940									
	72								72
	73								73
	74								74
	75								75
	76		cl-ml						76
935									
	77								77
	78								78
	79								79
	80								80
	81								81

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 10 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
930									
	82								82
	83								83
	84								84
	85								85
	86		cl-ml						86
925									
	87								87
	88								88
	89								89
	90								90
	91								91

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 11 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
920									
	92								92
	93								93
	94								94
	95		cl-ml						95
	96								96
915									
	97								97
	98								98
	99								99
	100	cl-ml: Pinkish purple to yellowish orange SILT and CLAY, some gravel sized fragments of rounded, laminated Clay, little fine Sand.							100
	101		cl-ml						101

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 12 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
910									
	102								102
	103								103
	104								104
	105								105
	106		cl-ml						106
905									
	107								107
	108								108
	109								109
	110								110
	111								111
900									

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 13 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	112	cl-ml: Pinkish purple to yellowish orange SILT and CLAY, some gravel sized fragments of rounded, laminated Clay, little fine Sand.							112
	113								113
	114								114
	115								115
	116		cl-ml						116
895									
	117								117
	118								118
	119								119
	120								120
	121								121
890									

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 14 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	122								122
	123								123
	124								124
	125								125
	126		cl-ml						126
885									
	127								127
	128								128
	129								129
	130								130
	131								131
880									

HTRW DRILLING LOG (Continuation Sheet)

HOLE NUMBER: HR-130Q-MW10

Project: Fort McClellan | Geologist: Kyle Wilson | Sheet 15 of 15 sheets

Elev. (a)	Depth (b)	Description of Materials (c)	USCS / Lithology	Graphic	Field screening results (d)	Geotech sample or core box no. (e)	Analytical sample no. (f)	Blow counts (g)	Remarks (h)
	132	cl-ml: Pinkish purple to yellowish orange SILT and CLAY, some gravel sized fragments of rounded, laminated Clay, little fine Sand.	cl-ml						132
	133								133
	134								134
	135								135
	136								136
875									
	137								137
	138								Bottom of borehole at 138' bgs 138

WELL CONSTRUCTION LOGS

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: Ken Gobell
SHAW FIELD REPRESENTATIVE: Leslie O'Hare

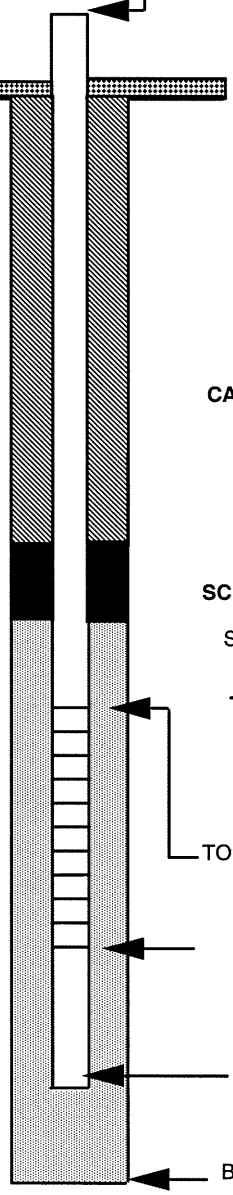
WELL NO: HR-130Q-MW01
DRILLING METHOD: Hollow Stem Auger
INSTALLATION DATE: 21-SEP-00
NORTHING: 1159374.75
EASTING: 666532.81
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 989.1

TOP of WELL CASING or RISER PIPE
EL* 992.14 STICKUP 3.04

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout



CASING
TYPE of RISER MATERIAL (Flush Threaded): PVC SCH 40
INSIDE DIAMETER of RISER (inches): 2

APPROXIMATE DIAMETER of BOREHOLE (inches): 8

TOP OF SEAL
SEAL MATERIAL: Bentonite
SEAL START DEPTH: 18

SCREEN
TYPE of SCREEN MATERIAL: PVC SCH 40
SLOT SIZE (inches): 0.010
INSIDE DIAMETER (inches): 2

FILTER PACK
TYPE of SAND PACK AROUND SCREEN: Sand No 1
TOP OF SAND PACK: 21

TOP OF SCREENED INTERVAL
EL* 965.1 DEPTH 24

BOTTOM of SCREENED INTERVAL
EL* 950.1 DEPTH 39

BOTTOM of SUMP and WELL
EL* 948.1 DEPTH 41

BOTTOM of BOREHOLE
EL* 948.1 DEPTH 41

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: Ken Gobell
SHAW FIELD REPRESENTATIVE: Leslie O'Hare

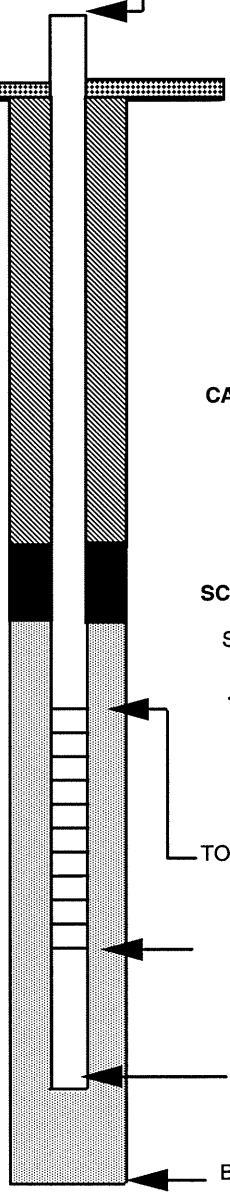
WELL NO: HR-130Q-MW02
DRILLING METHOD: Hollow Stem Auger
INSTALLATION DATE: 25-SEP-00
NORTHING: 1159201.21
EASTING: 666721.86
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 986.6

TOP of WELL CASING or RISER PIPE
EL* 989.28 STICKUP 2.68

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout



CASING
TYPE of RISER MATERIAL (Flush Threaded): PVC SCH 40
INSIDE DIAMETER of RISER (inches): 2

APPROXIMATE DIAMETER of BOREHOLE (inches): 8

TOP OF SEAL
SEAL MATERIAL: Bentonite
SEAL START DEPTH: 11.5

SCREEN
TYPE of SCREEN MATERIAL: PVC SCH 40
SLOT SIZE (inches): 0.010
INSIDE DIAMETER (inches): 2

FILTER PACK
TYPE of SAND PACK AROUND SCREEN: Sand No 1
TOP OF SAND PACK: 14.5

TOP OF SCREENED INTERVAL
EL* 968.35 DEPTH 18.25

BOTTOM of SCREENED INTERVAL
EL* 948.35 DEPTH 38.25

BOTTOM of SUMP and WELL
EL* 948.1 DEPTH 38.5

BOTTOM of BOREHOLE
EL* 948.1 DEPTH 38.5

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: Ken Gobell
SHAW FIELD REPRESENTATIVE: Leslie O'Hare

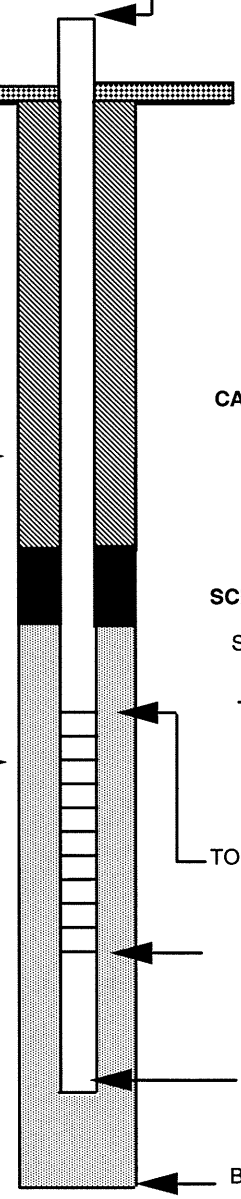
WELL NO: HR-130Q-MW03
DRILLING METHOD: Hollow Stem Auger
INSTALLATION DATE: 25-SEP-00
NORTHING: 1159039.02
EASTING: 666566.71
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 987

TOP of WELL CASING or RISER PIPE
EL* 989.52 STICKUP 2.52

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout



APPROXIMATE DIAMETER of BOREHOLE (inches) 8

TOP OF SEAL
SEAL MATERIAL: Bentonite
SEAL START DEPTH: 2

FILTER PACK
TYPE of SAND PACK AROUND SCREEN: Sand No 1
TOP OF SAND PACK: 4.5

CASING
TYPE of RISER MATERIAL (Flush Threaded): PVC SCH 40
INSIDE DIAMETER of RISER (inches): 2

SCREEN
TYPE of SCREEN MATERIAL: PVC SCH 40
SLOT SIZE (inches): 0.010
INSIDE DIAMETER (inches): 2

TOP OF SCREENED INTERVAL
EL* 980 DEPTH 7

BOTTOM of SCREENED INTERVAL
EL* 965 DEPTH 22

BOTTOM of SUMP and WELL
EL* 963 DEPTH 24

BOTTOM of BOREHOLE
EL* 963 DEPTH 24

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: Mark Thomas
SHAW FIELD REPRESENTATIVE: George Robertson

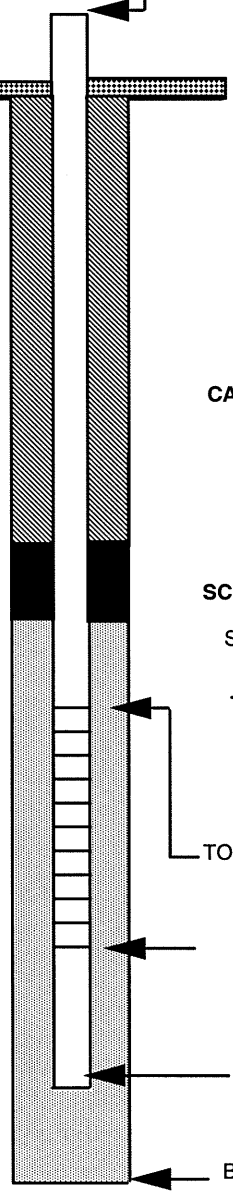
WELL NO: HR-130Q-MW04
DRILLING METHOD: Air Rotary
INSTALLATION DATE: 21-FEB-01
NORTHING: 1158750.23
EASTING: 666965.13
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 1022.7

TOP of WELL CASING or RISER PIPE
EL* 1024.91 STICKUP 2.21

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout



APPROXIMATE DIAMETER of BOREHOLE (inches) 6.25

TOP OF SEAL
SEAL MATERIAL: Bentonite
SEAL START DEPTH: 203.0

FILTER PACK
TYPE of SAND PACK AROUND SCREEN: Sand No 1
TOP OF SAND PACK: 209.3

CASING
TYPE of RISER MATERIAL (Flush Threaded): PVC SCH 40
INSIDE DIAMETER of RISER (inches): 2

SCREEN
TYPE of SCREEN MATERIAL: PVC SCH 40
SLOT SIZE (inches): 0.010
INSIDE DIAMETER (inches): 2

TOP OF SCREENED INTERVAL
EL* 807.4 DEPTH 215.3

BOTTOM of SCREENED INTERVAL
EL* 787.4 DEPTH 235.3

BOTTOM of SUMP and WELL
EL* 782.2 DEPTH 240.5

BOTTOM of BOREHOLE
EL* 782.2 DEPTH 240.5

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: Steven Gautney
SHAW FIELD REPRESENTATIVE: James Dendy

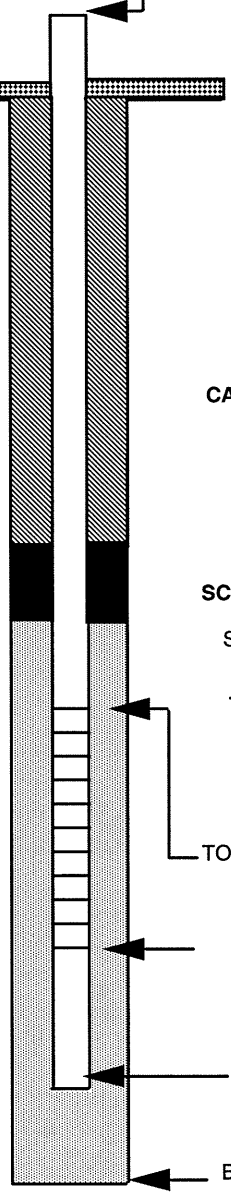
WELL NO: HR-130Q-MW05
DRILLING METHOD: Hollow Stem Auger
INSTALLATION DATE: 11-OCT-00
NORTHING: 1158869.17
EASTING: 666761.48
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 1005.6

TOP of WELL CASING or RISER PIPE
EL* 1007.57 STICKUP 1.97

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout



APPROXIMATE DIAMETER of BOREHOLE (inches) 8

TOP OF SEAL
SEAL MATERIAL: Bentonite
SEAL START DEPTH: 42.5

FILTER PACK
TYPE of SAND PACK AROUND SCREEN: Sand No 1
TOP OF SAND PACK: 46

CASING
TYPE of RISER MATERIAL (Flush Threaded): PVC SCH 40
INSIDE DIAMETER of RISER (inches): 2

SCREEN
TYPE of SCREEN MATERIAL: PVC SCH 40
SLOT SIZE (inches): 0.010
INSIDE DIAMETER (inches): 2

TOP OF SCREENED INTERVAL
EL* 955.85 DEPTH 49.75

BOTTOM of SCREENED INTERVAL
EL* 935.85 DEPTH 69.75

BOTTOM of SUMP and WELL
EL* 935.6 DEPTH 70

BOTTOM of BOREHOLE
EL* 935.6 DEPTH 70

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: Robert Gentry
SHAW FIELD REPRESENTATIVE: Kyle Wilson

WELL NO: HR-130Q-MW06
DRILLING METHOD: Air Rotary
INSTALLATION DATE: 19-MAR-02
NORTHING: 1158916.85
EASTING: 666715.77
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 997.2

TOP of WELL CASING or RISER PIPE
EL* 999.68 STICKUP 2.48

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout

APPROXIMATE DIAMETER of BOREHOLE (inches) 8

TOP OF SEAL

SEAL MATERIAL	SEAL START DEPTH
Bentonite	113
Sand No 0	120

FILTER PACK

TYPE of SAND PACK AROUND SCREEN	TOP OF SAND PACK
Sand No 1	125

CASING

TYPE of RISER MATERIAL (Flush Threaded)	INSIDE DIAMETER of RISER (inches)
PVC SCH 80	4

SCREEN

TYPE of SCREEN MATERIAL	SLOT SIZE (inches)	INSIDE DIAMETER (inches)
PVC SCH 80	0.010	4

TOP OF SCREENED INTERVAL
EL* 867.2 DEPTH 130

BOTTOM of SCREENED INTERVAL
EL* 847.2 DEPTH 150

BOTTOM of SUMP and WELL
EL* 847.2 DEPTH 150

BOTTOM of BOREHOLE
EL* 847.2 DEPTH 150

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: David Gentry
SHAW FIELD REPRESENTATIVE: Cindy Levaas

WELL NO: HR-130Q-MW07
DRILLING METHOD: Air Rotary
INSTALLATION DATE: 08-MAR-02
NORTHING: 1158933.47
EASTING: 666867.91
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 1004.2

TOP of WELL CASING or RISER PIPE
EL* 1006.59 STICKUP 2.39

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout

APPROXIMATE DIAMETER of BOREHOLE (inches) 12.25

TOP OF SEAL

SEAL MATERIAL	SEAL START DEPTH
Bentonite	61
Sand No 0	66

FILTER PACK

TYPE of SAND PACK AROUND SCREEN	TOP OF SAND PACK
Sand No 1	71

CASING

TYPE of RISER MATERIAL (Flush Threaded)	INSIDE DIAMETER of RISER (inches)
PVC SCH 40	2

SCREEN

TYPE of SCREEN MATERIAL	SLOT SIZE (inches)	INSIDE DIAMETER (inches)
PVC SCH 40	0.010	2

TOP OF SCREENED INTERVAL
EL* 928.2 DEPTH 76

BOTTOM of SCREENED INTERVAL
EL* 898.2 DEPTH 106

BOTTOM of SUMP and WELL
EL* 898.2 DEPTH 106

BOTTOM of BOREHOLE
EL* 896.2 DEPTH 108

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: Glen Bilbrey
SHAW FIELD REPRESENTATIVE: Cindy Levaas

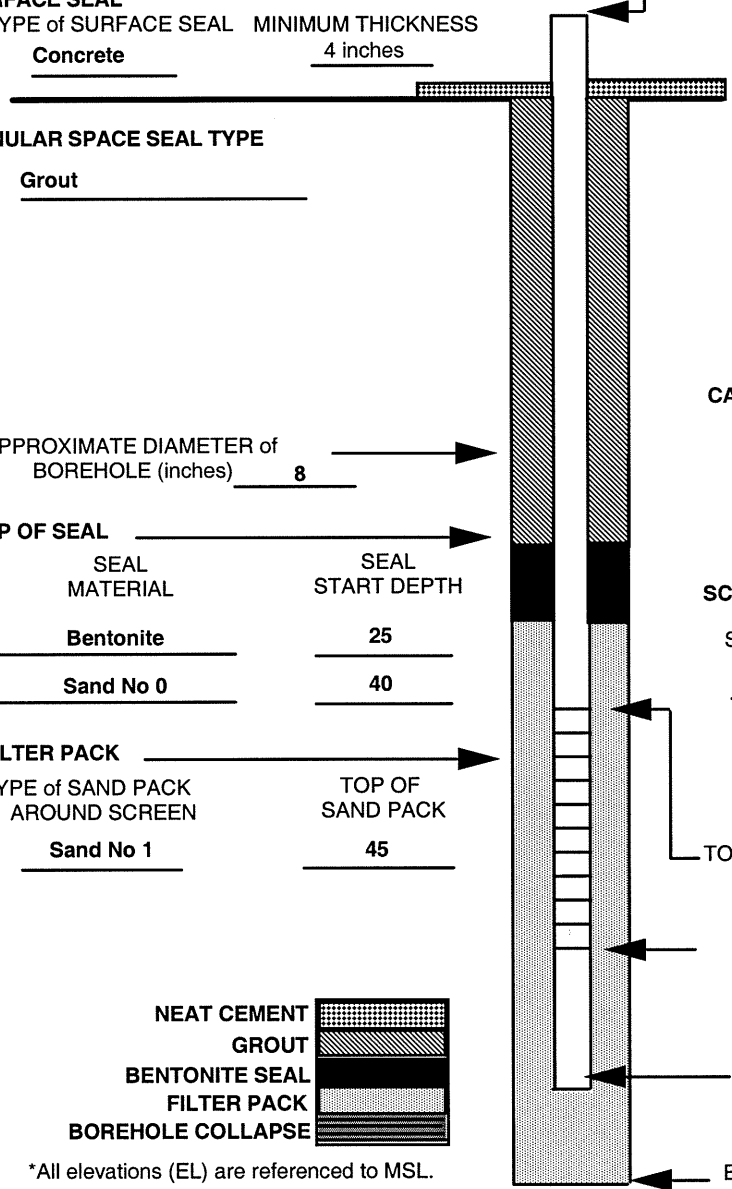
WELL NO: HR-130Q-MW08
DRILLING METHOD: Hollow Stem Auger
INSTALLATION DATE: 14-MAR-02
NORTHING: 1158949.17
EASTING: 666689.16
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 995.2

TOP of WELL CASING or RISER PIPE
EL* 997.79 STICKUP 2.59

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout



CASING
TYPE of RISER MATERIAL (Flush Threaded): PVC SCH 40
INSIDE DIAMETER of RISER (inches): 2

APPROXIMATE DIAMETER of BOREHOLE (inches): 8

TOP OF SEAL

SEAL MATERIAL	SEAL START DEPTH
Bentonite	25
Sand No 0	40

SCREEN

TYPE of SCREEN MATERIAL	SLOT SIZE (inches)	INSIDE DIAMETER (inches)
PVC SCH 40	0.010	2

FILTER PACK

TYPE of SAND PACK AROUND SCREEN	TOP OF SAND PACK
Sand No 1	45

TOP OF SCREENED INTERVAL
EL* 944.2 DEPTH 51

BOTTOM of SCREENED INTERVAL
EL* 924.2 DEPTH 71

BOTTOM of SUMP and WELL
EL* 924.2 DEPTH 71

BOTTOM of BOREHOLE
EL* 924.2 DEPTH 71

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: Robert Gentry
SHAW FIELD REPRESENTATIVE: Kyle Wilson

WELL NO: HR-130Q-MW09
DRILLING METHOD: Air Rotary
INSTALLATION DATE: 10-APR-02
NORTHING: 1158871.08
EASTING: 666616.54
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 995.6

TOP of WELL CASING or RISER PIPE
EL* 997.96 STICKUP 2.36

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout

APPROXIMATE DIAMETER of BOREHOLE (inches) 14.25

TOP OF SEAL

SEAL MATERIAL	SEAL START DEPTH
Bentonite	44.5
Sand No 0	48.35

FILTER PACK

TYPE of SAND PACK AROUND SCREEN	TOP OF SAND PACK
Sand No 1	54.4

CASING

TYPE of RISER MATERIAL (Flush Threaded)	INSIDE DIAMETER of RISER (inches)
PVC SCH 40	2

SCREEN

TYPE of SCREEN MATERIAL	SLOT SIZE (inches)	INSIDE DIAMETER (inches)
PVC SCH 40	0.010	2

TOP OF SCREENED INTERVAL
EL* 935.95 DEPTH 59.65

BOTTOM of SCREENED INTERVAL
EL* 915.95 DEPTH 79.65

BOTTOM of SUMP and WELL
EL* 915.6 DEPTH 80

BOTTOM of BOREHOLE
EL* 915.6 DEPTH 80

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

MONITORING WELL INSTALLATION DETAIL

PROJECT: Fort McClellan
LOCATION: Anniston, AL
CLIENT: USACE Mobile District
CONTRACTOR: Miller Drilling Company
DRILLER: Robert Gentry
SHAW FIELD REPRESENTATIVE: Kyle Wilson

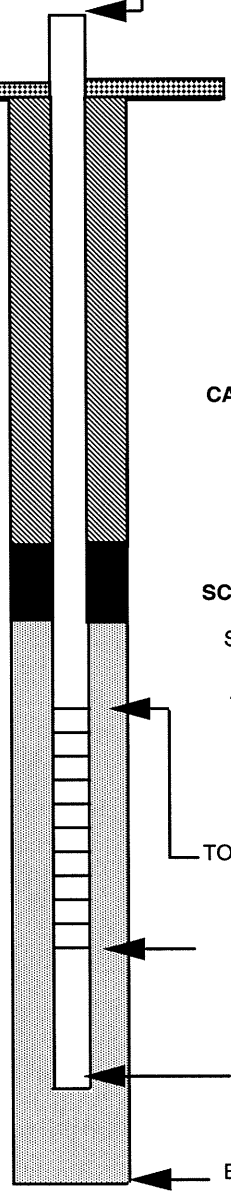
WELL NO: HR-130Q-MW10
DRILLING METHOD: Air Rotary
INSTALLATION DATE: 25-MAR-02
NORTHING: 1158821.63
EASTING: 666807.61
HORIZONTAL SURVEY DATUM: NAD83
VERTICAL SURVEY DATUM: NAVD88
JOB NO: 796887

GROUND SURFACE ELEVATION* 1011.6

TOP of WELL CASING or RISER PIPE
EL* 1014.09 STICKUP 2.49

SURFACE SEAL
TYPE of SURFACE SEAL: Concrete
MINIMUM THICKNESS: 4 inches

ANNULAR SPACE SEAL TYPE
Grout



CASING
TYPE of RISER MATERIAL (Flush Threaded): PVC SCH 40
INSIDE DIAMETER of RISER (inches): 2

APPROXIMATE DIAMETER of BOREHOLE (inches): 8

TOP OF SEAL

SEAL MATERIAL	SEAL START DEPTH
Bentonite	91
Sand No 0	97.5

SCREEN

TYPE of SCREEN MATERIAL	SLOT SIZE (inches)	INSIDE DIAMETER (inches)
PVC SCH 40	0.010	2

FILTER PACK

TYPE of SAND PACK AROUND SCREEN	TOP OF SAND PACK
Sand No 1	102

TOP OF SCREENED INTERVAL
EL* 903.6 DEPTH 108

BOTTOM of SCREENED INTERVAL
EL* 873.6 DEPTH 138

BOTTOM of SUMP and WELL
EL* 873.6 DEPTH 138

BOTTOM of BOREHOLE
EL* 873.6 DEPTH 138

NEAT CEMENT
GROUT
BENTONITE SEAL
FILTER PACK
BOREHOLE COLLAPSE

*All elevations (EL) are referenced to MSL.
All depths and heights are given in feet and are referenced to the ground surface.

APPENDIX C

WELL DEVELOPMENT LOGS

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887 ~~HR 130Q-MW01~~ TR
Form Completed by: Tim Rice
Well Developed by (person/firm): IT

Parcel No.: HR 130 Q
Well No.: MW 01
Date started: 10/4/00

Monitoring Well Information

W.C. = 28.98'
W.V. = 4.72 gal

Development Method: Surge & Purge
Development Equipment: Whale pump, surge block, Horiba, Turb. meter
Casing Diameter:

Beginning Measurments
Depth to Water (ft): 15.82
Total depth of Well (ft): 44.80

44.80' − 15.82' = 28.98' × .163 = 4.72 GAL × 5 = 23.6 + 40 = 63.6 Target Purg Volume

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
12:45	Ø	15.82	6.10	0.118	>1000	9.68	25.9	Brown	0.25gpm pump@ bottom of screen
13:00	3.25	21.98	6.10	0.090	>1000	0.07	24.8	Lt. Brown	" " "
13:15	6.~~25~~50 TR	22.18	6.13	0.090	>1000	0.25*	25.3	~~very~~ TR lt brown	" " "
13:30	9.75	22.33	6.13	0.087	720	0.68↓*	25.0	almost clear	" " "
13:45	13.0	22.33	6.12	0.085	387	1.69↓*	24.9	"	" " "
14:00	16.25	22.33	6.12	0.077	240	0.65↓*	25.3	"	" " "
14:15	19.50	22.22	6.09	0.071	138	1.30↓*	25.4	"	" " "

* DO reading could be incorrect

Parcel No.: HR1302
Well ID: MW01
Date: 10/4/00

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)	
14:30	22.75	22.19	6.06	0.065	158	1.17↓*	25.5	almost clear	0.25gpm purge rate, pump@ bottom of screen	
14:45	26.00	22.21	6.04	0.061	107	2.17↓*	24.9	"	" "	
15:00	29.25	22.30	6.03	0.057	87.7	1.54↓*	24.8	~~tt~~ clear	" "	
15:15	32.50	22.46	6.05	0.052	69.9	2.03↓*	24.9	"	" "	
15:30	35.75	22.49	6.07	0.050	71.3	2.08↓*	24.2	"	" "	
15:45	39.00	22.48	6.05	0.047	55.1	2.33↓*	23.7	"	" "	
16:00	42.25	22.49	5.98	0.045	119.2	2.66↓*	23.3	"	" "	stopped purging
1560 08:45	42.25	15.90	5.77	0.046	832	1.26↓*	18.6	lt. brn.	0.25gpm purge, pump @	mid screen
09:00	45.50	21.24	5.80	0.039	402	2.36↓*	19.6	"	" "	
09:15	48.75	21.27	5.89	0.040	88.9	1.13↓*	19.7	almost clear	" "	
09:30	52.00	21.50	5.96	0.039	43.9	2.41↓*	20.0	clear	" "	moved pump up screen to 25
09:45	55.25	21.61	5.96	0.040	170	2.68↓*	22.1	almost clear	" "	

Parcel No.: HR 130 Q
Well ID: MW 01
Date: 10/5/00

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
10 :00	58.50	21.53	6.00	0.037	51.8	2.72↓*	22.7	clear	0.25gpm purge, pump @ 25'
10 :15	61.75	21.68	5.99	0.037	21.1	3.50↓*	23.5	clear	" "
10 :30	65.00	21.68	6.00	0.034	16.3	3.47↓*	23.7	clear	" "
10 :45	68.25	21.60	6.00	0.034	10.9	3.40↓*	24.3	"	" "
11 :00	71.50	21.48	6.00	0.033	10.4	4.11↓*	24.6	clear	" "
:									
:									
:									
:									
:									
:									
:									

photo sample taken, development complete, final NTU = 10.4 Jon Rui 10/5/00

Groundwater Well Development Log

Fort McClellan, Alabama

Project Number: 796887
Form Completed by: Lee Flippen
Well Developed by (person/firm): Lee Flippen / IT Corp.
Dennis Mayton
Zack Parham
Justin Fisher

Parcel No.: HR 130Q
Well No.: MW02
Date started: 6-12-01

Monitoring Well Information

Development Method: Surge + Purge
Development Equipment: Bailers, Horiba U-10, AquaFast II, Heron water Finder
Casing Diameter: 2" .163

Beginning Measurments
Depth to Water (ft): 36.41 TOC
Total depth of Well (ft): 40.86 TOC

1st PID 212 BKGrd 0.0, 2nd - 20min. PID 0.0 BKGrd 0.0

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
09:45	Ø	36.41	5.63	.095	5.9	2.19	19.2	clear	HAND Bailed Well Dry 3.5 g removed
10:10	3.5					Hand Bailed 3.5 g			Lee Flippen WC = 6-12-01
08:34	3.5	36.88	5.28	0.070	26.3	5.16	19.4	Clear	7-3-01 Hand bail PID=0.0
09:00	5.75						well bailed Dry		Dennis Mayton
10:35	5.75 ~~5.88~~	36.24	~~5.31~~	~~0.043~~	~~83~~	~~4.71~~	~~21.0~~	~~clear~~	7.11.01 hand bail by J. Fisher + Z. Parham PID=0.0
10:45	5.88	36.44	5.31	0.043	83	4.71	21.0	clear	
10:55	6.54	37.55	5.43	0.048	137	4.23	20.4	cloudy	

TD - DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

40.86 - 36.41 = 4.45 x 163 .73 x 5 3.65 + 20g 23.65g

QC'd by 07/17/01

Parcel No.: HR-130Q
Well ID: MW02
Date: 7.11.01

page 2 of 2

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
11:05	7.59	38.88	5.48	0.048	209	3.15	20.4	cloudy	
11:15	8.12	39.44	5.71	0.049	585	4.43	22.1	cloudy	
11:25	8.65	39.88	5.56	0.050	943	3.61	20.5	milky	
11:35	9.04	40.14	5.68	0.054	1208	4.66	22.0	milky	
11:45	9.44	40.39	5.65	0.051	888	4.69	22.0	milky	unable to retrieve any more H_2O from well in bailers. Well Dry.
11:50				Well	bailed	dry	Zach Parker		
:									
:									
:									
:									
:									
:									
:									
:									

Zach Parker 7.11.01

yahoo

COPY

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number:
Form Completed by: Ron McMillan
Well Developed by (person/firm): Ron McMillan / IT Group

Parcel No.: HR-1300
Well No.: MW02
Date started: ~~10-~~ 11-1-00

Screened Interval 18.5 – 38.5

Monitoring Well Information

Development Method: Surge + Purge
Development Equipment:

Casing Diameter: 2" PVC

Beginning Measurments
Depth to Water (ft): 0
Total depth of Well (ft): 41

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
:	Well	Dry							
11.1.00 12:30	Can not access this well with a vehicle								W.L.=5.44 TOC W.C.=38.32 T.D.=48.76 TOC
:									
:									
:									
:									
:									

5.22.01

Note: (Well is Completely Dry)

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number:
Form Completed by: Ron McMillan
Well Developed by (person/firm): Ron McMillan / IT Group

Parcel No.: HR-1300
Well No.: MW02
Date started: ~~10~~ 11-1-00

Monitoring Well Information

Development Method: Surge + Purge
Development Equipment:

Casing Diameter: 2" PVC

Beginning Measurments
Depth to Water (ft): 0
Total depth of Well (ft): 41

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
:	Well	Dry							
:									
:									
:									
:									
:									
:									

Note: (Well is Completely Dry)

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: O. Allen
Well Developed by (firm): J. Cunningham

Parcel No.: HR-13QQ
Well No.: MW03
Date Started: 10-27-00

Monitoring Well Information

Development Method:
Development Equipment:

Casing Diameter:

Beginning Measurments
Depth to Water (ft): 12.69
Total depth of Well (ft): 25.71

PID 0.2 Bckgn: 0.0

TD DTW WC 2" well PV
25.71 - 12.69 = 13.02 x .163 = 2.12 x 5 = 10.6 + 50 = 60.6 TOTAL GAL TO REMOVE

Time 24hr	Purge Volume (gal) 0930	Water Level (ft) (TOC) 12.69	pH (std units) START	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
09:30	0	12.69	4.78	.040	>1000	3.90	20.2	Dark Red	2 GAL/5 min
09:45	6	13.90	4.85	.027	>1000	4.68	20.2	Red	SURGED
10:00	12	14.68	4.92	.022	>1000	5.06	19.8	LT Red	
10:15	18	14.91	4.83	.018	880	5.20	19.8	"	
10:30	24	15.08	4.69	.014	240	5.37	20.7	Cloudy	Surge well
10:45	30	15.11	4.72	.015	>1000	5.30	20.1	Red Cloudy	Pump 5' OFF BTM
11:00	36	15.19	4.71	.015	194	5.69	20.0	cloudy	"
11:15	42	15.21	4.62	.014	58	5.19	20.6	Clearing	Level stablized

Parcel No.: HR-130Q
Well ID: MW03
Date: 10-27-00

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
11:30	48	15.18	4.58	.013	28	5.26	21.7	Clearing	
11:45	54	15.24	4.62	.014	21	5.32	21.9	Clear	
12:00	60	15.22	4.65	.016	114	5.20	21.2	"	
12:15	66	15.20	4.59	.014	210	5.26	22.4	"	TURNED OFF PUMP TO let well settle
13:00	66	12.69	4.68	.020	750	5.89	22.7	Cloudy	RESTART PUMP
13:15	69	12.78	4.56	.015	492	5.77	22.7	"	1 GAL/5 min
13:30	72	12.92	4.40	.013	230	5.60	22.7	Slightly Cloudy	
13:45	75	13.26	4.25	.012	168	5.44	23.1	Cloudy	
14:00	78	13.30	4.39	.012	161	5.49	23.1	"	
14:15	81	13.28	4.46	.010	155	5.71	23.2	"	
14:30	84	13.30	4.51	.011	140	5.80	23.2	"	
14:45	87	13.29	4.51	.014	122	5.79	23.4	"	
15:00	90	1332	4.52	.012	109	5.87	23.6	"	

Parcel No.: HR-130Q
Well ID: MW03
Date: 10-27-00

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
15:15	93	13.29	4.53	.013	102	5.85	23.8	"	
15:30	96	13.31	4.53	.010	90	5.90	34.0	"	Shut down/ End of Day
:									
:									
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Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: Ron McMillan
Well Developed by (person/firm): Ron McMillan IT Group

Parcel No.: HR-130Q
Well No.: MW 03
Date started: 10-31-00

Monitoring Well Information

Development Method: Surge + purge
Development Equipment:

Casing Diameter: 2" PVC

Beginning Measurments
Depth to Water (ft): 12.71
Total depth of Well (ft): 26.0

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
10-27-00 PV 96 Gallons									
11:00	0	12.71	4.92	.063	999	5.57	20.3	D Brown	Purging At .3 GPM Pump on Bottom
11:15	105.0	13.6	4.80	.026	539.1	1070	22.9	Brown	
11:30	109.5	13.6	4.70	.016	362.6	7.29	23.0	Gray	Picked up Lunch
12:00	114.0	13.5	4.67	.013	198.1	9.64	23.0	L Gray	Raised Pump
12:15	118.5	13.6	4.56	.012	101.2	6.93	22.7	Foggy	
12:30	123.0	13.6	4.52	.013	92.4	5.64	23.1	S Fog	
12:45	127.5	13.5	4.38	.012	42.5	9.68	22.9	Clear	

Parcel No.: HR-130Q
Well ID: MW03
Date: 10-31-00

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
13 :00	132.0	13.6	4.52	.011	33.9	10.01	22.4	CLEAR	
13 :15	136.5	13.6	4.56	.011	26.2	9.92	22.4	CLEAR	
13 :30	141.0	13.6	4.65	.011	11.57	6.17	23.6	CLEAR	
13 :45	145.5	13.6	4.70	.011	8.18	10.33	23.1	CLEAR	
14 :00	150.0	13.6	4.65	.011	7.68	9.20	24.1	CLEAR	
14 :15	154.5	13.6	4.65	.011	6.92	9.41	24.0	CLEAR	COLLECTED SAMPLE
:									
:									
:									
:									
:									
:									

Groundwater Well Development Log

Fort McClellan , Alabama

oject Number: 796887
orm Completed by: Z. Barham
ell Developed by (person/firm): J. Fisher (Hydro), Z. Barham (IT)

Parcel No.: 130Q
Well No.: MW04
Date started: 7.9.01

Monitoring Well Information

evelopment Method: Bailed
evelopment Equipment: .5 Liter PVC Bailer
asing Diameter: 2"

Beginning Measurments
Depth to Water (ft): JF ~~236.50~~ 205.53
Total depth of Well (ft): 241.44

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
10:45	~~4.0~~ ~~4.52~~	~~236.5~~	5.04	.017	334	7.10	18.8	cloudy	Bailing well using .5 Liter PVC bailer.
11:20	JF 4.0 ~~4.52~~	~~239.15~~	5.30	.026	620	7.24	19.1	cloudy	sampling every 4 liters.
12:00	JF 8.0 ~~8.52~~	~~239.15~~	5.54	.034	667	8.72	19.8	cloudy	"
13:40	JF 8.0 ~~12.0~~	206.95	—	—	—	—	—	—	switch 1 liter Teflon bailer
14:30	12.0	209.59	5.48	0.060	681	7.71	20.4	very cloudy	NOT used
15:00	16.0	211.95	5.22	0.034	686	8.02	19.1	very cloudy	Using 1L Teflon & 0.5L PVC bailers both.
15:15	21.0	213.12	4.99	0.036	754	7.06	18.8	murky	NOT used

TD - DTW = WC x 0/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

1.44 - 205.53 = 35.91 x 0.163 = 5.853 x 5 = 29.27 gal

~~110.80 L~~

111.2 L KJF 7/12/01

QC'd by

Parcel No.: 130Q
Well ID: MW04
Date: 7.9.01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
15:45	27.0L	214.85	5.24	.029	1263	8.60	18.7	cloudy	NOT USED
16:25	33.0	215.24	5.34	.036	1363	7.89	19.5	cloudy	
17:00	38.0	215.90	5.47	0.059	1905	7.83	18.7	very cloudy	shut down development for 7.9.01.
09:40	38.0L	205.53	—	—	—	—	—	—	7.10.01 → resume bailer as per 7.9.01.
10:10	44.0L	211.02	4.90	0.053	275	8.56	17.8	cloudy	
10:43	50.0L	214.39	5.13	0.026	264	7.07	17.5	cloudy	NOT USED
11:18	56.0L	215.50	5.16	0.029	678	7.97	17.6	very cloudy	
13:35	64.0L	215.55	5.23	0.025	285	7.65	18.8	very cloudy	Using 2.0L Teflon & a 2.0L PVC bailers now.
14:05	71.0L	215.90	5.19	0.024	569	8.35	20.2	very cloudy	
14:30	78.0L	217.20	5.24	0.030	>2000	8.16	18.7	milky	NOT USED
15:00	86.0L	216.97	5.33	0.034	>2000	8.47	18.8	milky	
15:30	93.0L	216.23	5.28	0.034	1180	8.21	18.5	milky	Stopped bailing well for 7.10.01
08:45	93.0L	205.84	—	—	—	—	—	—	began bailing well on 7.11.01 as per 7.10.01

Parcel No.: 1300
Well ID: MW04
Date: 7.11.01

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
09:10	100.0L	211.8	5.20	0.037	>2000	7.38	18.2	milky	not used
09:40	111.5L ~~109.5L~~	216.30	5.27	0.029	>2000	7.78	17.6	milky	reached SWV and stopped developing well.
:			well developed Photo sample Taken						
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Zach Parker 7.11.01

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: Ron McMillan
Well Developed by (person/firm): Ron McMillan & I T Group

Parcel No.: HR 130Q
Well No.: MW05
Date started: 11-1-00

Monitoring Well Information

Development Method: Surge + Purge
Development Equipment: Whaler Pump

Casing Diameter: 2" PVC

Beginning Measurments
Depth to Water (ft): 42.7
Total depth of Well (ft): 74.0

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
09:30		42.7	5.08	.204	999	1.58	18.0	Brown	.5 GPM P.V. 7.5
09:45	7.5	64.75	5.26	.138	999	10.78	19.4	Brown	
10:00	15.0	70.2	5.26	.118	999	10.80	19.4	Brown	
:	~~18.75~~								~~Slowed pump to .5 GPM 0.25 GPM PV 3.75~~
:	~~22.50~~								
:	26.25								
:	~~30.00~~								

TDW 74 DTW 42.7

74.0 − 42.7 = 31.3 X .163 = 5.10 X 5 = 25.51 + 40 = 65.51

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by:
Well Developed by (person/firm):

Parcel No.: HR 130Q
Well No.: MW05
Date started: 11-2-00

Monitoring Well Information

Development Method:
Development Equipment: See Page #1
Casing Diameter:

Beginning Measurments
Depth to Water (ft):
Total depth of Well (ft):

Time 24hr	* Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
Note 11-1-00 15.0 P.V.									
09:00	15.0	47.9	5.51	.041	999	5.21	20.3	D GRAY	~~.01~~ GPM .1 GPM
09:15	16.5	54.2	5.38	.034	999	6.11	21.2	D GRAY	PV 1.5
09:30	18.0	55.1	5.56	.034	999	5.77	24.4	D GRAY	
09:45	19.5	56.0	5.54	.033	999	5.75	24.1	D GRAY	
10:00	21.0	56.4	5.64	.034	999	5.45	23.7		
10:15	22.5	56.6	5.72	.035	999	8.46	24.4		
10:30	24.0	56.6	5.69	.034	999	8.37	24.9		

Parcel No.: HR130Q
Well ID: MW05
Date: 11-2-06

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
10:45	25.5	57.9	5.54	.034	999	7.75	25.9		
11:00	27.0	58.4	5.65	.035	999	8.14	22.7		
11:15	28.5	58.7	5.62	.033	999	8.32	23.1		
11:30	30.0	59.1	5.54	.031	999	8.75	25.0		
11:45	31.5	59.1	5.51	.031	999	8.60	24.6		
12:00	33.0	60.6	5.53	.033	999	8.68	24.8		
13:00	34.5	58.7	5.32	.019	651	5.35	20.9		Back from lunch decided to let settle for 1hr.
13:15	36.0	58.3	5.39	.023	642	9.35	22.7		
13:30	37.5	58.1	5.51	.031	999	8.14	22.4	Okay	
13:45	39.0	59.3	5.54	.033	999	7.65	22.1		
14:00	40.5	59.8	5.51	.031	999	7.75	22.2		
14:15	42.0	60.2	5.54	.031	999	7.65	22.2		

Parcel No.: HR130Q
Well ID: MW05
Date: 11-2-00

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
14:30	43.5	60.8	5.51	.033	999	8.14	22.2		
14:45	45.0	59.8 ~~61.9~~	5.54	.033	999	8.60	22.1		
15:00	46.5	59.1	5.51	.031	999	8.68	22.1		
15:15	48.0	58.7	5.54	.033	999	8.65	22.1		
15:30	49.5	58.6	5.54	.032	999	8.68	22.1		
15:45	51.0	58.4	5.51	.033	999	8.65	22.2		
16:00	52.5	58.2	5.51	.033	999	8.68	22.1		
16:15	54.0	58.0	5.54	.032	999	8.65	22.0		Stop pumping at 16:15 will start back 11-3-00
:									
:									
:									
:									

Parcel No.: HR1309
Well ID: MW05
Date: 11-3-00

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
08:00	54.0	47.5	5.52	.040	999	5.21	20.1	D GRAY	
08:15	55.5	54.0	5.56	.041	999	5.26	22.3		
08:30	57.0	55.6	5.54	.034	999	5.77	22.3		
08:45	58.5	56.0	5.56	.034	999	5.75	23.4		
09:00	60.0	56.3	5.52	.033	999	5.75	23.4		
09:15	61.5	56.6	5.52	.033	999	5.77	23.4		
09:30	63.0	56.9	5.54	.034	999	8.46	24.1		
09:45	64.5	57.2	5.52	.033	999	8.37	24.1		
10:00	66.0	57.6	5.56	.034	999	8.37	24.3		
10:15	67.5	57.9	5.56	.034	999	5.75	24.3		
10:30	69.0	60.2	5.52	.034	999	5.77	24.3		
10:45	70.5	60.6	5.52	.035	999	5.77	24.3		Collected Sample NTU still at 999

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: R Goins
Well Developed by (person/firm): R. Goins / IT Corp

Parcel No.: HR-130QX
Well No.: MW06
Date started: 4/9/02

Monitoring Well Information

Development Method: Surge and Purge
Development Equipment: Grunfos Pump, 210gal tank, Horiba U-10, Orar Turbidity Meter
Casing Diameter: 4 in.

Beginning Measurments
Depth to Water (ft): 96.8' bTOC
Total depth of Well (ft): 149.0' bTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
13:25	Φ	96.8'	5.79	0.067	999	2.02	19.6	muddy (tan)	pump - 148.0' bTOC Purge rate - 0.375gpm
13:40	5.62	106.6	7.04	0.056	760	2.31	20.7	cloudy (tan)	"
13:50	9.37	—	rate		change	—			Purge rate - 0.42gpm pump - 148.0' bTOC
13:55	11.47	115.9	6.89	0.058	999	1.28	20.7	cloudy (tan)	"
14:10	17.27	123.4	7.27	0.065	999	2.05	19.5	"	"
14:15	19.87	—	rate		change	—			Purge rate - 0.27gpm
14:25	25.27	128.3	7.41	0.077	530	2.47	22.4	cloudy (tan)	"

TD - DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

149 - 96.8 = 52.2 x 0.653 = 34.1 x 5 = 170.5 + 180 = 350.5

bTOC - below top of casing, gpm - gallons per minute

QC'd 4/12/02

Parcel No.: HR-130QX
Well ID: MW06
Date: 4/9/02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
14:35	27.37	rate change							Purge rate - 0.21 gpm
14:40	28.42	131.05	7.19	0.025	408	2.48	22.0	pt. cloudy (tan)	Purge rate - 0.21 gpm
14:45	29.47								Stopped purging
11:30	29.47	97.0	5.77	0.060	227	3.38	20.0	pt. cloudy (brown)	4/10/02 pump - 148' bTOC, purge 0.17 gpm
11:45	32.02	101.95	5.87	0.043	161	2.20	21.1	"	pump 146' bTOC
12:00	34.57	105.60	5.73	0.042	121	2.53	21.4	"	"
12:15	37.12	109.05	5.60	0.040	98	2.97	21.8	pt. cloudy (brown)	pump - 142' bTOC
12:30	39.67	111.8	5.71	0.040	76	2.54	23.5	pt. cloudy	pump - 140' bTOC
12:45	42.22	114.20	5.59	0.040	46	1.86	24.0	"	pump - 138' bTOC
13:00	44.77	116.58	5.54	0.043	43	1.66	24.3	"	pump - 136' bTOC
13:15	47.32	118.34	5.20	0.041	87	2.08	25.1	"	pump — 136' bTOC
13:30	49.87	120.25	5.76	0.044	57	2.04	26.6	"	pump - 132' bTOC
13:45	52.42	123.35	5.87	0.052	199	2.37	25.8	"	"

Parcel No.: HR-1302X
Well ID: mw06
Date: 4/10/02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
13:50	53.27	—	stopped		purging	—	—	—	—
14:15	53.27	116.40	5.49	0.055	426	2.18	26.1	cloudy	pump-148'bTOC Purgerate-0.25gpm
14:25	55.77	—	rate	change	—	—	—	—	purgerate-0.17gpm
14:30	58.62	120.80	5.28	0.041	338	2.98	23.5	cloudy	purge-0.17gpm
14:45	59.17	122.95	4.99	0.038	183	2.45	23.5	pt.cloudy	purgerate ~~144'bTOC~~ 0.20gpm pump-144'bTOC
15:00	62.17	125.19	5.28	0.040	118	2.01	24.1	"	pump-140'bTOC
15:15	65.17	127.45	5.32	0.042	65	2.45	24.5	"	pump-136'bTOC
15:30	68.17	129.00	5.55	0.043	85	1.99	24.4	"	pump-138'bTOC
15:45	71.17	130.52	5.56	0.043	68	2.48	24.0	"	pump-138'bTOC
16:00	74.17	132.01	5.60	0.044	75	1.45	23.8	"	pump-138'bTOC
16:15	77.17	134.65	5.57	0.043	89	2.03	23.6	"	pump-138'bTOC Stopped purging
09:05	77.17	97.75	5.93	0.041	203	3.06	17.9	pt.cloudy	4/11/02 pump-148'bTOC, purgerate-0.17 gpm
09:20	79.72	102.66	5.51	0.036	96	2.57	18.7	"	pump-146'bTOC, purgerate 0.17gpm

Parcel No.: HR-130QX
Well ID: MW86
Date: 4/11/02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
09:35	82.27	105.95	5.48	0.038	64	2.69	19.5	pt. cloudy	pump - 142' bTOC, purge rate 0.17gpm
09:50	84.82	108.83	5.48	0.035	41	2.44	19.9	"	pump - 140' bTOC
10:05	87.37	111.50	5.52	0.036	30	2.95	20.2	"	pump - 138' bTOC
10:20	89.92	114.83	5.40	0.037	25	2.40	21.0	clear	"
10:35	92.47	117.43	5.64	0.035	50	2.72	20.8	pt. cloudy	pump - 135' bTOC
10:50	95.02	119.67	5.66	0.037	41	2.70	21.0	"	pump - 133' bTOC
11:05	97.57	121.28	5.58	0.037	32	2.16	21.3	"	"
11:20	100.12	123.00	5.56	0.035	40	2.33	21.6	"	"
11:35	102.67	125.25	5.54	0.037	30	3.00	21.8	"	"
11:50	105.22	126.78	5.53	0.036	25	2.36	21.3	clear	"
12:05	107.77	127.99	5.59	0.038	18.2	3.10	22.0	clear	"
12:20	110.32	129.52	5.62	0.037	15.8	2.96	22.2	clear	stopped purging to let well recover
12:35	110.32	122.70	5.59	0.035	23.5	3.48	21.6	clear	resume purging @ 0.17gpm

Parcel No.: HR-130QX
Well ID: MW06
Date: 4/11/02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
12:50	112.87	124.10	5.48	0.038	30	2.99	22.0	lt. cloudy	pump - 133' bTOC, purge rate = 0.17 gpm
13:05	115.42	125.86	5.49	0.039	22	3.12	21.8	clear	"
13:20	117.97	127.48	5.38	0.036	16	2.46	21.5	"	pump - 135' bTOC
13:35	120.53	129.03	5.46	0.035	25	3.10	20.9	"	purge - 132' bTOC
13:50	123.93	130.26	5.39	0.037	35	2.72	20.6	lt. cloudy	purge - 148' bTOC
13:55	~~127.93~~	—	stopped	purging	—				stopped purging
14:35	123.93	120.65	5.55	0.036	42	2.65	19.5	lt. cloudy	pump - 148' bTOC, purge - 0.10 gpm
14:50	125.43	121.23	5.59	0.039	35	2.58	19.3	"	" "
15:05	126.93	122.63	5.48	0.037	40	2.69	19.1	"	" "
15:20	128.43	123.35	5.55	0.036	36	2.58	18.9	"	" "
15:35	129.93	124.03	5.50	0.038	25	2.55	18.8	clear	" "
15:50	131.43	124.92	5.61	0.037	24	2.48	18.7	"	" "
16:05	132.93	125.78	5.55	0.038	21	2.51	18.5	"	" "

Parcel No.: HR-130QK
Well ID: MW06
Date: 4/11/02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
16:20	134.43	126.21	5.49	0.076	20	2.57	18.2	clear	pump - 147'bTOC, purge rate - 0.1 gpm
:									Collected photo sample in 1L HDPE bottle @ 1620
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Final Entry
Reginald Lorin
4/11/02

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: Z. Parham
Well Developed by (person/firm): Z. Parham / ET

Parcel No.: 130Q
Well No.: HR-130Q-MW02
Date started: 3.19.02

Monitoring Well Information

Development Method: Surge/purge / bailed
Development Equipment: grundfos pump, CTD, Horiba U-10, Turbidity Meter, WLM, bailer (poly)
Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): 91.98
Total depth of Well (ft): 110.05

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
10:45	0.0	91.98	5.14	.109	977	6.95	19.1	brown	began development on 3.19.02 Pump=109.05 / PR=.2gpm
11:00	3.0	93.45	5.12	.110	900	7.03	19.6	"	"
11:15	6.0	95.11	5.11	.103	643	7.13	21.2	"	"
11:17	6.4	95.90	generator malfunction						stopped purging well due to generator malfunction.
13:45	6.4	94.30	5.27	.041	>999	9.40	21.1	brown	generator repaired & resumed development. Pump=109.05 / PR=.2gpm
14:00	9.4	99.70	5.03	.028	>999	7.22	22.1	"	Pump=110.00 / PR=.17gpm
14:15	11.95	103.81	5.23	.037	>999	7.56	19.6	"	"

TD - DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

110.05 - 91.98 = 18.07 x .163 = 2.95 x 5 = 14.75 + 75 = 89.75

acc 3/22/02

Parcel No.: 130Q
Well ID: HR-130Q-MW07
Date: 3.19.02 / 3.20.02 / 3.21.02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
14:25	13.65	drop	well dry						well pumped dry for 1st time. Waiting for 20 min for 80% recovery. 80% DTW = 96.05' TOC
14:45	13.65	103.2	well not recovered				80% in 20 min		well not recovered 80%. Stopped development on 3.19.02
08:55	13.65	93.56	4.93	.102	>999	7.99	17.9°	brown	Began bailing well dry on 3.20.02.
09:35	14.71	94.70	5.09	.081	>999	9.54	18.1°	"	"
10:05	17.48	97.18	5.48	.040	>999	9.56	17.5°	"	"
10:35	19.86	99.91	5.68	.038	>999	9.63	17.7°	"	"
11:05	21.70	101.61	5.52	.051	>999	9.83	17.7°	"	"
11:35	24.07	103.52	5.61	.049	>999	9.81	17.9°	"	"
12:05	26.45	106.51	5.64	.053	>999	9.58	17.9°	"	"
12:40	28.30	110.05	5.61	.043	>999	9.37	17.8	brown	Well bailed dry for 2nd time. Stopped development for 3.20.02
09:15	28.30	94.73	4.74	.071	>999	6.95	15.6	brown	Began bailing well for 3.21.02.
09:45	31.21	97.71	5.54	.031	>999	10.14	15.7	"	"
10:15	34.91	101.73	5.63	.035	>999	10.16	15.6	"	"

Parcel No.: 130Q
Well ID: HR-130Q-MW07
Date: 3.21.02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments
10:45	38.08	104.65	5.62	.036	>999	8.73	15.5	brown	Bailing well dry for 3rd time.
11:15	40.06	107.21	5.60	.029	>999	8.07	15.7	brown	"
11:41	~~40.98~~ 43.98 3.21.02	110.05	5.88	.025	>999	8.35	17.0	brown	Well dried for 3rd time. 1.L photo sample taken and well developed.
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Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: 130Q
Well No.: MW08
Date started: 4 2 02

Monitoring Well Information

Development Method: pump and move through screen
Development Equipment: Grundfos, Horiba u10, Orion turbidimeter, water level indicator, whale pump
Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): 16.58 ' bTOC
Total depth of Well (ft): 66.60 ' bTOC

Time 24hr	DTW ~~Purge Volume (gal)~~ (ft bTOC)	Purge Volume ~~Water Level (ft) (TOC)~~ (gal)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)	
									rate (gpm)	pump depth ('bTOC)
11:15	16.58	Ø	6.01	.204	>999	3.57	21.0	tan opaque	.125	63'
11:30	26.00	1.875	6.10	.160	>999	2.80	20.1	"	.125	63
11:45	26.23	3.75	6.04	.132	>999	3.12	20.8	"	.125	63
12:00	26.48	5.625	5.67	.088	>999	3.30	21.4	tan v. cloudy	.125	63
12:15	26.52	7.5	5.62	.094	>999	3.62	21.9	tan v. cloudy	.125	63
12:30	26.68	9.375	5.60	.079	798	3.88	22.4	tan cloudy	.125	63
12:45	26.70	11.25	5.57	.077	614	4.27	22.9	tan cloudy	.125	63

TD - DTW = WC x (2)/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

66.60 - 16.58 = 50.02 x .163 = 8.15 x 5 = 40.75 + 800 = 840.75 gallons

QC'd [illegible] 4/5/02

Parcel No.: 130Q
Well ID: MW08
Date: 4402

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments	
13:00	13.875	27.90	5.56	.072	601	4.16	22.9	tan cloudy	.125	63'
13:15	16.5	28.16	5.51	.070	572	3.69	22.9	tan cloudy	.175 ~~.35~~	63'
13:30	19.125	30.12	5.51	.070	333	4.26	22.6	cloudy	.175 ~~.35~~	63'
13:45	21.75	30.98	5.52	.068	271	4.60	22.6	cloudy	.175 ~~.35~~	63'
14:00	24.375	31.45	5.58	.072	210	4.41	22.3	sl. cloudy	.175 ~~.35~~	63'
14:15	27	32.38	5.57	.075	172	4.23	21.9	sl. cloudy	.175 ~~.35~~	63'
14:30	29.625	32.62	5.53	.069	223	4.86	21.6	cloudy	.175 ~~.35~~	63'
14:45	32.25	32.81	5.41	.064	332	5.21	21.5	cloudy	.175 ~~.35~~	63'
15:00	34.875	33.06	5.36	.068	368	5.11	21.3	cloudy	.175 ~~.35~~	63'
15:15	37.5	33.23	5.38	.062	346	5.22	21.2	cloudy	.175 ~~.35~~	63'
12:10	37.5	16.27	5.90	.178	515	3.43	18.1	cloudy	.175 ~~.35~~	62'
12:25	40.125	26.42	5.93	.118	306	5.12	18.2	cloudy	.175 ~~.35~~	62'
12:40	42.75	27.13	6.02	.086	250	5.41	18.6	cloudy	.175 ~~.35~~	62'

4202

4302

5

Parcel No.: 130Q
Well ID: MW08
Date: 4 3 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments rate (gpm)	(b TOC) depth of pump
12:55	45.375	~~5.~~ 28.00 9/4/302	5.81	.076	212	5.13	18.4	cloudy	.5	60'
13:10	48	30.53	5.40	.062	136	5.04	18.3	cloudy	.5	58'
13:25	50.625	32.42	5.34	.055	120	5.59	18.6	cloudy	.5	56'
13:40	53.25	33.30	5.33	.052	1418	5.81	18.9	v. cloudy	.4	54'
13:55	55.875	33.55	5.33	.054	532	6.12	18.8	cloudy	.4	52'
14:10	58.5	33.53	5.32	.053	183	6.36	18.6	sl. cloudy	.35	50'
14:25	61.125	33.66	5.32	.054	151	6.80	18.4	sl. cloudy	.35	48'
14:40	63.75	33.82	5.30	.054	133	7.49	18.4	sl. cloudy	.35	46'
14:55	66.375	33.91	5.29	.053	136	6.77	18.6	sl. cloudy	.35	46'
15:10	69	33.98	5.27	.050	122	6.82	18.6	sl. cloudy	.35	46'
15:25	71.625	34.26	5.26	.048	115	6.08	18.7	sl. cloudy	.35	46'
15:40	74.25	34.38	5.26	.048	125	6.34	18.6	sl. cloudy	.35	46'
15:55	76.875	34.41	5.24	.048	119	6.25	18.6	sl. cloudy	.35	46'
16:10	79.5	34.43	5.23	.048	117	6.28	18.3	sl. cloudy	.35	46'

STOP FOR DAY 4 4 02

D:\FTMC\DEVELOPMENTLOG.DOC
07/20/99

Parcel No.: 130 Q
Well ID: MW08
Date: 4 4 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments rate (gpm)	Comments depth of pump (bTOC)
09 :45	79.5	16.87	5.59	.685	306	5.32	16.5	cloudy	.3	50'
10 :00	84	29.90	5.54	.068	389	5.06	17.1	cloudy	.25	~~58~~ 50'
10 :15	87.75	34.32	5.50	.060	276	4.58	17.6	cloudy	.2	~~56~~ 50'
10 :30	90.75	34.39	5.48	.048	223	5.39	17.8	cloudy	.2	~~54~~ 50'
10 :45	93.75	34.32	5.47	.047	190	5.42	17.8	cloudy	.25	~~52~~ 50'
11 :00	97.5	35.85	5.34	.048	235	5.06	17.3	cloudy	.25	50'
11 :15	101.25	37.41	5.32	.049	282	5.10	17.4	cloudy	.25	50'
11 :30	105	37.63	5.31	.048	1099	5.15	17.4	v. cloudy	.25	50'
11 :45	108.75	38.36	5.28	.046	1108	5.18	17.5	v. cloudy	.25	50'
12 :00	112.5	38.80	5.30	.045	1087	5.32	17.65	v. cloudy	.25	50'
12 :15	116.25	39.47	5.26	.043	1076	5.26	17.6	cloudy	.15	50'
12 :30	118.5	36.22	5.20	.041	739	5.20	17.6	cloudy	.15	50'
12 :45	120.75	34.82	5.19	.041	370	5.11	17.6	cloudy	.15	50'

Parcel No.: HR 130Q
Well ID: MW08
Date: 4 4 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments rate (gpm)	depth of pump (bTOC)
13:00	123	34.12	5.20	.041	327	5.09	17.6	cloudy	.15	50'
13:15	125.25	32.36	5.23	.041	186	5.18	17.6	clearing	.125	50'
13:30	127.125	30.85	5.28	.038	88	5.33	~~16.4~~ 17.4 4/4/02	clearing	.125	50'
13:45	129	30.35	5.30	.038	21	5.32	17.2	clear	.125	50'
14:00	130.875	30.12	5.32	.038	15.5	5.26	16.9	clear	.125	50'
:	Collect PHOTO SAMPLE								4/4/02	
:										
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4/4/02

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: 130Q
Well No.: MW09
Date started: 4 15 02

Monitoring Well Information

Development Method: surge + pump
Development Equipment: Grundfos pump, WL indicator, Horiba U10, Horiba U22, Orion turbidimeter
Casing Diameter:

Beginning Measurments
Depth to Water (ft): 7.45 ' bTOC
Total depth of Well (ft): 82.36 ' bTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.) rate (gpm)
~~11:15~~	~~0~~	7.45	5.78	.056	>999	7.31	18.2	v. cloudy or.	1
11:20	5	9.23	NOTING CHANGING FLOW RATE →						.75
11:30	12.5	9.45	5.45	.022	>999	7.59	18.6	or. cloudy	.75
11:45	23.75	9.47	5.22	.017	>999	7.86	17.9	or. cloudy	.75
12:00	35	9.58	5.27	.020	37	8.04	~~17.9~~ 18.5	Clearing	.75
12:15	46.25	9.64	5.27	.020	33	7.98	18.5	"	.75
12:30	57.5	9.65	5.29	.020	25	7.89	18.7	"	.75

TD − DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

82.36 − 7.45 = 74.91 x .163 = 12.21 x 5 = 61 + 240 = 301 gallons

acc'd [illegible]
4/17/02

Parcel No.: 130 Q
Well ID: MW09
Date: 4 15 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) rate	depth
12:45	68.75	9.68	5.23	.018	26	7.68	18.5	clearing	increased to 1gpm	3 ft off bottom
13:00	73.75	10.21	5.17	.016	20	7.73	18.4	clear	1gpm	5 " "
13:15	88.75	10.28	5.18	.016	22	7.24	18.6	"	1gpm	7 " "
13:30	103.75	10.35	5.18	.015	21	7.56	19.0	"	1gpm	9 " "
13:45	118.75	10.37	5.11	.014	18.3	7.61	18.9	"	"	11 " "
14:00	133.75	10.38	5.12	.014	18.6	7.58	18.9	"	"	13 " "
14:15	148.75	10.41	5.12	.014	18.6	7.39	18.9	"	"	15 " "
14:30	163.75	10.46	5.14	.014	18.5	7.47	18.7	"	"	17 " "
14:45	178.75	10.45	5.14	.014	17.9	7.49	18.7	"	"	19 " "
15:00	193.75	10.43	5.13	.014	17.3	7.31	18.7	"	"	19 " "
15:15	208.75	STOP	FOR	DAY					4 15 02	
:									4 15 02	

Parcel No.: 1300
Well ID: MW09
Date: 4/16/02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) rate (gpm)	depth (off bottom)
09:25	208.75	7.55	5.60	.040	21.3	9.23	17.11	sl. cloudy	1	19 ft off bottom
09:40	223.75	9.70	5.26	.014	7.7	9.11	17.29	clear	.75	"
09:55	235	9.70	5.21	.012	3.6	8.68	17.47	clear	.75	"
10:10	246.25	9.74	5.17	.012	3.3	8.73	17.42	"	.75	"
10:25	257.5	9.78	5.19	.012	2.8	8.78	17.40	"	.75	"
10:40	268.75	9.79	5.17	.011	3.5	8.78	17.42	"	.75	"
10:55	~~279~~ 280 ~~270~~ op 4/17/02	9.79	5.16	.011	7.6	8.78	17.46	"	.75	"
11:10	290.25 ~~281.25~~ op 4/17/02	9.79	5.18	.011	5.5	8.78	17.48	"	.75	"
11:25	302.5 ~~292.5~~ op 4/17/02	9.79	5.20	.011	5.2	8.91	17.47	"	.75	"
11:40	313.75 ~~303.75~~ op 4/17/02	9.79	5.21	.011	5.4	8.93	17.44	"	.75	"
~~11:25~~ op 4/16/02	Collect photo sample. development complete.									
~~11:40~~ op 4/16/02						4	16 02			

Final Volume = 313.75 K.M. 4/17/02

Groundwater Well Development Log

Fort McClellan , Alabama

Project Number: 796887
Form Completed by: J. Alexander
Well Developed by (person/firm): J. Alexander

Parcel No.: 130Q
Well No.: MW10
Date started: 4 5 02

Monitoring Well Information

Development Method: Surge + pump
Development Equipment: Grundfos pump, water-level indicator, Horiba U10, Orion turbidimeter
Casing Diameter: 2"

Beginning Measurments
Depth to Water (ft): 92.30' BTOC
Total depth of Well (ft): 136.55' BTOC

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) (Purge Rate, Pump Position, Misc.)
10:15	∅	92.30	5.52	.060	>999	6.30	16.4	or. opaque	1 gpm 135'
10:30	15	111.92	5.85	.127	>999	7.09	18.1	or. opaque	1 gpm 135'
10:45	30	124.80	5.37	.066	>999	5.74	18.2	"	.4 gpm 135'
11:00	36	126.24	5.47	.055	>999	7.16	19.4	"	.4 gpm 135'
11:15	42	127.83	5.35	.039	>999	7.53	20.1	"	.4 gpm 135'
10:30	42	93.28	5.34	.070	>999	9.56	17.1	or v. cloudy	106'
10:33	—	102.56	—	Lowering pump →					110'

QA 4502
QA 4802

TD − DTW = WC x 2'/4' well = One PV x 5 = Min PV + H20 to install well = Minimum H20 to remove

36.55 − 92.30 = 44.25 x .163 = 7.21 gal. x 5 = 36 gal. + 220 = 256 gallon

QC'd Keith Hogue
4/16/02

Parcel No.: HR 130Q
Well ID: mw10
Date: 4 9 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) depth of pump (bzoc)
10:35	—	106.13	— Lowering	pump					→ 120'
10:40	47	110.0	checking	DTW	and	flow	rate	—	.5 120'
10:45	49.5	111.32	5.44	.069	>999	7.59	18.5	or. v. cloudy	.5 120'
11:00	57	116.22	5.46	.059	>999	8.20	19.3	"	.25 122'
11:15	60.25	117.82	5.43	.054	>999	7.30	20.6	"	.25 125'
11:30	64.5	118.20	5.39	.050	>999	6.90	21.1	"	.125 127'
11:45	66.375	118.23	5.28	.049	>999	6.61	21.8	"	.125 129'
12:00	68.25	118.24	5.22	.042	>999	6.47	22.5	or. opaque	.15 131'
12:15	70.5	118.62	5.47	.048	>999	7.11	23.2	or. v. cloudy	.15 133'
12:30	72.375	119.22	5.41	.046	>999	6.12	22.3	or. cloudy	.125 137'
12:45	74.25	119.16	5.35	.044	>999	6.16	22.5	"	.125 133'
13:00	76.125	119.26	5.33	.044	1006	6.57	23.1	lt. or. cloudy	.125 133'

cr 4 16 02

Parcel No.: HR 130Q
Well ID: MW 10
Date: 4 8 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) rate (gpm)	depth of pump
13:15	78	119.52	5.32	.042	1671	6.49	23.3	or. cloudy	.125	133'
13:30	79.875	119.76	5.32	.041	864	6.47	23.5	or. cloudy	.125	133'
13:45	81.75	119.82	5.31	.041	474	7.12	22.8	cloudy	.125	133'
14:00	83.625	119.88	5.27	.041	467	6.28	23.6	"	.125	133'
14:15	85.5	120.12	5.23	.041	502	6.13	24.2	"	.125	133'
14:30	87.375	120.02	5.24	.041	613	6.01	24.3	"	.125	133'
14:45	89.25	120.22	5.26	.040	898	5.87	24.2	"	.125	133'
15:00	91.125	120.52	5.30	.040	1106	5.96	24.2	"	.125	133'
15:15	93	120.90	5.30	.040	1383	5.83	24.2	"	.125	133'
15:30	94.875	121.32	5.27	.040	1236	5.88	24.0	"	.125	133'
15:45	96.75	121.63	5.26	.040	1005	5.74	24.0	"	.125	133'
16:00	98.625	121.38	5.26	.040	1079	5.68	24.0	"	.125	133'

STOP FOR DAY — 4 8 02

Parcel No.: HR 130P
Well ID: MW10
Date: 4 9 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) rate (gpm)	depth of pump (BTOC)
10:10	98.625	93.96	4.83	.085	>999	9.58	17.6	or. v. cloudy	.5	125'
10:25	106.125	107.72	5.07	.035	762	8.19	19.8	or. cloudy	.2	125'
10:40	109.125	109.74	5.11	.035	352	7.91	20.7	cloudy	.2	125'
10:55	112.115	109.80	5.16	.037	571	7.62	21.6	cloudy	.15	125'
11:10	114.365	110.35	5.23	.038	778	7.77	21.4	cloudy	.125	125'
11:25	116.25	110.90	5.23	.042	823	7.67	21.4	cloudy	.125	125'
11:40	118.1	111.42	5.23	.045	809	7.52	21.6	or. cloudy	.125	125'
11:55	120	112.05	5.22	.040	789	7.12	21.7	or. cloudy	.125	125'
12:10	121.8	112.25	5.20	.040	781	6.98	21.9	or. cloudy	.125	125'
12:25	123.75	112.61	5.18	.041	766	6.95	22.0	or. cloudy	.125	1301
12:50	~~115.35~~ 127.5 4-9-02	115.35	5.23	.053	>999	6.88	22.1	or v. cloudy	.25	1301
13:05	~~116.65~~ 131.20 4-9-02	116.65	5.20	.047	>999	7.13	22.4	or v. cloudy	.25	1301

Parcel No.: HR 1309
Well ID: MW10
Date: 4 9 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)	
13:20	135	117.92	5.18	.042	>999	7.05 ~~6.88~~ 4/9/02	22.1	or. v. cloudy	.25	130'
13:35	138.75	119.65	5.16	.041	>999	7.11 ~~7.13~~ 4/9/02	23.4	or. v. cloudy	.25	130'
13:45	142.5	121.32	pump stops working							4/9/02
14:15	142.5	117.43	6.42	.041	>999	7.33	21.3	or. opaque	.75	135'
14:30	153.75	128.12	6.13	.041	>999	6.24	22.0	or. opaque	.75	135'
14:32	155.25 ~~+5~~ 4/9/02	131.23	checking DTW							
14:35	157.5	133.76	STOP PUMPING. PHOTO SAMPLE collected 4/9/02							
:										
:										
:										
:						4 9 02				
:										

* note: development continued on next page. 4/10/

Parcel No.: 130Q
Well ID: MW10
Date: 4 11 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date) rate	depth of pump
09:52	173.5	94.00	5.24	.055	>999	7.43	19.2	or. opaque	1 gpm	4 11 02 surging 1 ft off bottom
09:58	STOP. Ground fault error on control box									4 11 02
10:10	179.5	107.32	5.09	.036	>999	5.36	19.3	or. opaque	1 gpm	1 ft off bottom surging ~~179.~~ 4/11/02
10:15	STOP. Fault error on pump control box									4/11/02
10:50	184.5	106.14	5.13	.038	>999	5.36	19.3	or. opaque	1 gpm	1 ft off bottom
11:00	—	115.23	STOP AGAIN. Possibly overheating. Allow to cool.							
11:30	184.5	110.12	5.19	.045	>999	5.63	18.6	or. v. cloudy	.75 gpm	"
11:40	192	115.82	STOP AGAIN							4 11 02
12:10	192	112.60	5.17	.048	>999	6.32	18.9	or. opaque	.75	1 ft off bottom
12:25	203.25	120.25	5.16	.045	>999	7.20	19.9	"	.75	" "
12:40	214.5	124.32	5.11	.040	>999	6.89	20.1	"	.75	" "
12:55	225.75	129.92	5.02	.032	>999	6.43	20.3	"	.5	" "

Parcel No.: 130Q
Well ID: MW10
Date: 4 11 02

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments: rate	Comments: depth
13:05	230.75	131.68	FLOW STOPS. LOW HEAD PRESSURE						→	4/1/02
14:45	230.75	115.30	4.95	.029	>999	5.39	18.3	orange opaque	.75	surging 1 ft off bottom
15:00	242	129.10	5.08	.034	>999	5.88	19.3	"	.5	
15:15	249.5	133.82	FLOW SLOWS TO A TRICKLE. Allow recharge							4/1/02
15:35	249.5	125.80	4.89	.025	>999	5.45	17.9	or. opaque	.75	1 ft off bottom
15:38	251.75	NOTING CHANG IN FLOW RATE						→	.5	"
15:50	257.75	136.32	FLOW STOPS AGAIN							4/1/02
16:00	257.75	130.30	5.01	.032	>999	5.90	18.3	or. opaque	.5	"
16:05	260.25	136.26	STOP AGAIN. ~~STOP FOR DAY~~							4/1/02
:			development "complete"							
:					4 11 02					
:										
:										

APPENDIX D

SURVEY DATA

Survey Data
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Sample Location	Northing	Easting	Ground Elevation (ft amsl)	Top of Casing Elevation (ft amsl)
HR-130Q-X-MW01	1159374.75	666532.81	989.06	992.14
HR-130Q-X-MW02	1159201.22	666721.86	986.59	989.28
HR-130Q-X-MW03	1159039.02	666566.72	986.99	989.52
HR-130Q-X-MW04	1158750.23	666965.13	1022.71	1024.91
HR-130Q-X-MW05	1158869.17	666761.48	1005.59	1007.57
HR-130Q-X-MW06	1158916.85	666715.77	997.15	999.68
HR-130Q-X-MW07	1158933.47	666867.91	1004.18	1006.59
HR-130Q-X-MW08	1158949.17	666689.16	995.20	997.79
HR-130Q-X-MW09	1158871.08	666616.54	995.61	997.96
HR-130Q-X-MW10	1158821.63	666807.61	1011.64	1014.09
BK-YAHOU	1159057.67	666906.47	992.97	995.10
HR-130Q-DEP01	1158826.81	665865.44	993.70	NA
HR-130Q-DEP02	1158667.28	665971.59	998.68	NA
HR-130Q-DEP03	1158558.83	666588.86	1000.21	NA
HR-130Q-DEP04	1159095.88	666911.45	990.35	NA
HR-130Q-SW/SD05	1159743.42	665697.50	964.54	NA
HR-130Q-SW/SD06	1159223.56	666257.54	971.90	NA

Horizontal coordinates referenced to the U.S. State Plane Coordinate System, Alabama East Zone, North American Datum of 1983.

Elevations referenced to the North American Vertical Datum of 1988.

ft amsl - Feet above mean sea level
NA - Not applicable.

APPENDIX E

VARIANCE REPORTS

INTERNATIONAL TECHNOLOGY CORPORATION

Variance No:	PARCEL130QXJANUARY01.VR1
Linked w/NC No:	x
Date of Issue:	1/31/01

Page _1 of 1__

Project Name: **Fort McClellan** – CK10 \ WAD11

Project Number: 796887.11020300

-Variance Report -

I.Description: (by the person identifying the change)

FORMER MOCK VILLAGE AT YAHOO LAKE, PARCEL 130Q-X

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed six surface water samples and six sediment samples for chemical analysis. Four of the six proposed surface water samples and sediment samples were not collected for chemical analysis. Depositional soil samples were collected at four of the six proposed locations.

Identified by: Jeffrey Tarr, PG – IT Site Manager

Date: 1-31-01

II. Justification for Variance:

The FSSFSP proposed a surface water sample and sediment sample at sample location HR-130Q-SW\SD01, HR-130Q-SW\SD02, HR-130Q-SW\SD03 and HR-130Q-SW\SD04. Surface water and sediment were not present in the intermittent tributary that enters Yahou Lake during sample collection. Several attempts were made to collect a surface water sample and sediment sample, but all attempts were unsuccessful. Therefore, depositional soil samples HR-130Q-DEP01, HR-130Q-DEP02, HR-130Q-DEP03 and HR-130Q-DEP04 were collected at those locations to determine the presence or absence of contamination.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan, Site Specific Safety and Health Plan, and Site-Specific Unexploded Ordnance Safety Plan Attachments: Former Mock Village at Yahou Lake, Parcel 130Q-X, September, 2000.

Distribution List:
1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager	Jeffrey Tarr	3-5-01 Date
Approved by:	Ellis C Pope	3/8/01 Date
Project Manager Approval:	Jeanne Yacoub	3/14/01 Date
QA Approval:	Randy McBride	3/13/01 Date

INTERNATIONAL TECHNOLOGY CORPORATION

Variance No: PARCEL130Q-XMAY02.VR1

Linked w/NC No: x

Date of Issue: 5-20-2002

Page _1 of 1__

Project Name: **Fort McClellan** – CK10 \ WAD 11

Project Number: 796887.11020300

-Variance Report -

I.Description: (by the person identifying the change)

FINALE SITE-SPECIFIC FIELD SAMPLING PLAN, FORMER MOCK VILLAGE AT YAHOU LAKE, PARCEL 130Q-X

The Final Site-Specific Field Sampling Plan (FSSFSP) for the Site Investigation proposed five monitoring wells for the collection of five groundwater samples. Five additional residuum monitoring wells HR-130Q-X-MW06, HR-130Q-X-MW07, HR-130-Q-X-MW08, HR-130Q-X-MW09 and HR-130Q-X-MW10 were installed and a groundwater sample collected from each well.

Identified by: Jeffrey Tarr, PG – IT Site Manager

Date: 5-20-02

II. Justification for Variance:

The Base Closure Team (BCT) members made a decision during the September, 2001 BCT meeting to install additional wells at Yahou Lake. The decision was made to install four residuum wells and one bedrock well to more accurately delineate the horizontal and vertical extent of the groundwater contaminant plume and provide additional groundwater data for future remedial action. Bedrock was not encountered during drilling and rock coring activities. Therefore, five residuum wells were installed.

III. Applicable Document/Work Plan: (by the person identifying the change)

Final Site-Specific Field Sampling Plan, Site-Specific Safety and Health Plan, and Site-Specific Unexploded Ordnance Safety Plan Attachments; Former Mock Village at Yahou Lake, Parcel 130Q-X, Fort McClellan, Calhoun County, Alabama, September 2000. The IT Group Memorandum dated December 12, 2001.

Distribution List:

1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Ellis Pope, US Army Corps of Engineers
6. Mr. Ross McCollum, US Army Corps of Engineers

- Signatures -

Requested by: Jeffrey Tarr, PG - IT Site Manager — Jeffrey Tarr — 5-20-2002 Date

Approved by: — 5/21/02 Date

Project Manager Approval: Jeanne Yacoub — 6/6/02 Date

QA Approval: Randall L. McBride — 05-28-02 Date

INTERNATIONAL TECHNOLOGY CORPORATION

Variance No:	PARCEL130Q-XMARCH2003.VR1
Linked w/NC No:	x
Date of Issue:	3-27-03
	Page _1 of 1__

Project Name: Fort McClellan	Project Number: 796887.11020300

-Variance Report -

I.Description: (by the person identifying the change)

ADDITIONAL GROUNDWATER SAMPLING AT FORMER MOCK VILLAGE AT YAHOU LAKE, PARCEL 130Q-X, MEMORANDUM DATED SEPTEMBER 16, 2002

The memorandum for additional groundwater sampling for the Former Mock Village at Yahou Lake, Parcel 130Q-X proposed the collection of a groundwater sample from eleven monitoring wells HR-130QX-MW01, HR-130QX-MW02, HR-130QX-MW03, HR-130QX-MW04, HR-130QX-MW05, HR-130QX-MW06, HR-130QX-MW07, HR-130QX-MW08, HR-130QX-MW09, HR-130QX-MW10 and BK-Yahou. However, groundwater samples were not collected from monitoring wells HR-130QX-MW02 and BK-Yahou.

Identified by: Jeffrey J. Tarr, PG – IT Site Manager	Date: 3-27-03

II. Justification for Variance:

During groundwater sampling activities conducted in October 2002 at the Former Mock Village at Yahou Lake, Parcel 130Q-X, monitoring wells HR-130QX-MW02 and BK-Yahou were dry. Several attempts were made to collect samples from the wells, but all attempts were unsuccessful. Currently, these two wells are being monitored for the presence of groundwater. Should the wells contain groundwater, samples will be collected for chemical analysis.

III. Applicable Document/Work Plan: (by the person identifying the change)

Additional Groundwater Sampling at Former Mock Village at Yahou Lake, Parcel 130Q-X – The IT Group Memorandum dated September 16, 2002.

Distribution List:
1. Jeanne Yacoub, IT Project Manager
2. Steve Moran, IT Technical Lead
3. Jeffrey Tarr, IT Site Manager
4. Randy McBride, IT QA Officer
5. Mr. Lee Coker, US Army Corps of Engineers
6. Mr. Darryl Stabile, US Army Corps of Engineers

- Signatures -

Requested by:	Jeffrey J. Tarr 3/27/03 Date
Approved by:	Stanley E. Parrott (COE) 3/27/03 Date
Project Manager Approval:	Jeanne Yacoub 4/3/03 Date
QA Approval:	Randall L. McBride 3-31-03 Date

Shaw
Shaw Environmental & Infrastructure, Inc.

Variance No:	PARCEL130Q-XMAY2003.VR1
Linked w/NC No:	
Date of Issue:	5-8-2003
	Page 1 of 1
Project Name: Fort McClellan	**Project Number:** 796887.11020300

-Variance Report -

I.Description: **(by the person identifying the change)**

FINAL SITE-SPECIFIC FIELD SAMPLING PLAN, FORMER MOCK VILLAGE AT YAHOU LAKE, PARCEL 130Q-X

The Final Site-Specific Field Sampling Plan (FSSFSP) proposed five residuum monitoring wells HR-130Q-MW01, HR-130Q-MW02, HR-130Q-MW03, HR-130Q-MW04 and HR-130Q-MW05. Monitoring wells HR-130Q-MW01, HR-130Q-MW02, HR-130Q-MW03 and HR-130Q-MW04 were relocated from their proposed locations.

Identified by: Jeffrey J. Tarr, PG – Shaw Site Manager **Date:** 5-8-2003

II. Justification for Variance:

The FSSFSP proposed monitoring wells HR-130Q-MW01 and HR-130Q-MW02 on a steep slope unsafe for the drill rig to access. Both monitoring wells were relocated on a flat surface adjacent to Yahou Lake. Monitoring well HR-130Q-MW03 was inadvertently proposed adjacent to background well BK-Yahou. A decision was made to relocate HR-130Q-MW03 approximately 360 feet northwest of its proposed location and closer to Yahou Lake.

The FSSFSP proposed monitoring well HR-130Q-MW04 on the southern side of the east-west road located south of Parcel 130Q-X. Hollow-stem auger refusal was encountered prior to reaching groundwater. Several attempts were made to install the well, but all attempts were unsuccessful. A decision was made to relocate HR-130Q-MW04 approximately 110 feet further south of the proposed location. Hollow-stem auger refusal was encountered after the well was relocated. Therefore, an air rotary rig was mobilized to the site. Groundwater was encountered using air-drilling methods and the well was installed at that location. This variance will not alter the intent of the site investigation at Yahou Lake.

III. Applicable Document/Work Plan: **(by the person identifying the change)**

Final Site-Specific Field Sampling Plan, Site-Specific Safety and Health Plan, and Site-Specific Unexploded Ordnance Safety Plan; Former Mock Yillage at Yahou Lake, Parcel 130Q-X, Fort McClellan, Calhoun County, Alabama, September 2000..

Distribution List:
1. Jeanne Yacoub, Shaw Project Manager
2. Steve Moran, Shaw Technical Lead
3. Jeffrey Tarr, Shaw Site Manager
4. Randy McBride, Shaw QA Officer
5. Stanley E. Parrott, US Army Corps of Engineers
6. Lee Coker, US Army Corps of Engineers

- Signatures -

Requested by:	Jeffrey J. Tarr	5/8/03 Date
Approved by:	Stanley E. Parrott	5/9/03 Date
Project Manager Approval:	Jeanne Yacoub	5/14/03 Date
QA Approval:	Randall L. McBride	5-9-03 Date

Shaw
Shaw Environmental & Infrastructure, Inc.

Variance No:	PARCEL130Q-XMAY2003.VR2
Linked w/NC No:	
Date of Issue:	5-12-2003
	Page _1 of 1__
Project Name: Fort McClellan	**Project Number:** 796887.11020300

-Variance Report -

I.Description: **(by the person identifying the change)**

MEMORANDUM - FORMER MOCK VILLAGE AT YAHOU LAKE, PARCEL 130Q-X

The Memorandum dated December 12, 2001 proposed four residuum wells (HR-130Q-MW07, HR-130Q-MW08, HR-130Q-MW09, and HR-130Q-MW10) and one bedrock well (HR-130Q-MW06). Bedrock well HR-130Q-MW06 was relocated approximately 55 feet northwest of its proposed location.

Identified by: Jeffrey J. Tarr, PG – Shaw Site Manager **Date:** 5-12-2003

II. Justification for Variance:

Bedrock well HR-130Q-MW06 was proposed adjacent to existing residuum well HR-130Q-MW05 to determine the vertical extent of groundwater contamination. HR-130Q-MW06 was proposed on a steep terrain unsafe for the air rig to access. Therefore, the bedrock well was relocated approximately 55 feet northwest and further downgradient of HR-130Q-MW05. This variance will not alter the intent of the site investigation at Yahou Lake.

III. Applicable Document/Work Plan: **(by the person identifying the change)**

Memorandum for the Former Mock Yillage at Yahou Lake, Parcel 130Q-X, Fort McClellan, Calhoun County, Alabama, December 12, 2001

Distribution List:
1. Jeanne Yacoub, Shaw Project Manager
2. Steve Moran, Shaw Technical Lead
3. Jeffrey Tarr, Shaw Site Manager
4. Randy McBride, Shaw QA Officer
5. Stanley E. Parrott, US Army Corps of Engineers
6. Lee Coker, US Army Corps of Engineers

- Signatures -

Requested by:	Jeffrey J. Tarr / 5-12-03 Date
Approved by:	Stanley E. Parrott 5-13-03 Date
Project Manager Approval:	Jeanne Yacoub 5/14/03 Date
QA Approval:	RMcBride 5-12-03 Date

APPENDIX F

SUMMARY OF VALIDATED ANALYTICAL DATA

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-DEP01			HR-130Q-DEP02			HR-130Q-DEP03			HR-130Q-DEP03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0013			YP0014			YP0015			YP0016		
	Sample Date:	15-JAN-01			15-JAN-01			15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW6010B													
Aluminum	mg/kg	6950			7060			7730			7420		
Antimony	mg/kg	12.7	U	UJ	12.8	U	UJ	12.4	U	UJ	11.9	U	UJ
Arsenic	mg/kg	1.5			1.11	J	J	1.93			1.77		
Barium	mg/kg	69.8			38.1			36			26.7		
Beryllium	mg/kg	.687	J	J	.574	J	J	.516	J	J	.392	J	J
Cadmium	mg/kg	.634	U	U	.638	U	U	.248	J	J	.246	J	J
Calcium	mg/kg	244			148			123	J	J	101	J	J
Chromium	mg/kg	6.36			7.29			9.48			9.01		
Cobalt	mg/kg	2.39	J	J	2.55	U	U	1.17	J	J	.681	J	J
Copper	mg/kg	4.83			4.05			6.24			4.6		
Iron	mg/kg	5980			5290			8400			8290		
Lead	mg/kg	15.1			14.4			17.9			14.3		
Magnesium	mg/kg	261			188			180			168		
Manganese	mg/kg	87.8			18.3			40		J	23.9		J
Nickel	mg/kg	2.84		B	1.08	J	B	1.09	J	B	1.63	J	B
Potassium	mg/kg	309	J	J	186	J	J	177	J	J	595	U	U
Selenium	mg/kg	.739	J	J	.983	J	J	1.24	U	U	.646	J	J
Silver	mg/kg	1.27	U	U	1.28	U	U	.987	J	B	1.19	U	U
Sodium	mg/kg	25.2	J	J	26.8	J	J	30.3	J	J	119	U	U
Thallium	mg/kg	2.53	U	U	2.55	U	U	2.48	U	U	2.38	U	U
Vanadium	mg/kg	9.62			10.3			15.4			15		
Zinc	mg/kg	11.8		J	8.32		J	31.3		J	22.9		J
SW7471A													
Mercury	mg/kg	.035	J	J	.037	J	J	.026	J	J	.04	J	J
NITROAROMATICS													
SW8330													
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP04			HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0018			YP0001			YP0003			YP0005		
	Sample Date:	15-JAN-01			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - .5			0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW6010B													
Aluminum	mg/kg	8890			23100			10700			12000		
Antimony	mg/kg	12.3	U	UJ	11.4	U	UJ	10.5	U	UJ	10.5	U	UJ
Arsenic	mg/kg	2.25			3.98			1.89			2.96		
Barium	mg/kg	59.9			31.3			95.3			64.8		
Beryllium	mg/kg	.624	J	J	.284	J	J	.436	J	J	.387	J	B
Cadmium	mg/kg	.613	U	U	.569	U	U	.524	U	U	.524	U	U
Calcium	mg/kg	115	J	J	355			871			233		
Chromium	mg/kg	12.9			24.7			13.1			12.1		
Cobalt	mg/kg	1.93	J	J	1.64	J	B	3.15			3.66		B
Copper	mg/kg	5.21			7.77			4.78			4.56		
Iron	mg/kg	9450			17500			7920			8580		
Lead	mg/kg	17.6			8.78			10.5			8.61		
Magnesium	mg/kg	247			558			378			450		
Manganese	mg/kg	55.5			33.6			133			104		
Nickel	mg/kg	2.99		B	11		J	9.12		J	8.82		J
Potassium	mg/kg	372	J	J	590		B	379	J	B	342	J	B
Selenium	mg/kg	.571	J	J	.962	J	B	.559	J	B	1.05	U	U
Silver	mg/kg	1.23	U	U	.83	J	B	1.05	U	U	.488	J	B
Sodium	mg/kg	27.2	J	J	29.5	J	J	40.7	J	J	27.2	J	J
Thallium	mg/kg	2.45	U	U	2.28	U	U	2.09	U	U	2.1	U	U
Vanadium	mg/kg	19			29.4			13.5			16.2		
Zinc	mg/kg	12.4		J	15.8		J	16.4		J	69.4		J
SW7471A													
Mercury	mg/kg	.026	J	J	.074	J	J	.024	J	J	.105	U	U
NITROAROMATICS													
SW8330													
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0009			YP0011		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS							
SW6010B							
Aluminum	mg/kg	13200			12200		
Antimony	mg/kg	10.5	U	UJ	10.5	U	UJ
Arsenic	mg/kg	3.99			3.02		
Barium	mg/kg	49			47.7		
Beryllium	mg/kg	.406	J	B	.361	J	B
Cadmium	mg/kg	.526	U	U	.526	U	U
Calcium	mg/kg	135			308		
Chromium	mg/kg	23.1			25.2		
Cobalt	mg/kg	3.03		B	2.53		B
Copper	mg/kg	4.31			4.8		
Iron	mg/kg	21300			15200		
Lead	mg/kg	9.17			12.6		
Magnesium	mg/kg	381			480		
Manganese	mg/kg	161			77.6		
Nickel	mg/kg	8.66		J	9.41		J
Potassium	mg/kg	364	J	B	281	J	B
Selenium	mg/kg	1.04	J	B	.793	J	B
Silver	mg/kg	.995	J	B	.578	J	B
Sodium	mg/kg	30	J	J	23.2	J	J
Thallium	mg/kg	2.1	U	U	2.1	U	U
Vanadium	mg/kg	28			18.7		
Zinc	mg/kg	13.8		J	69.3		J
SW7471A							
Mercury	mg/kg	.024	J	J	.028	J	J
NITROAROMATICS							
SW8330							
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP01			HR-130Q-DEP02			HR-130Q-DEP03			HR-130Q-DEP03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0013			YP0014			YP0015			YP0016		
	Sample Date:	15-JAN-01			15-JAN-01			15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS													
SW8330													
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
1,2-Dichlorobenzene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
1,3-Dichlorobenzene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
1,4-Dichlorobenzene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2,4,5-Trichlorophenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2,4,6-Trichlorophenol	mg/kg	2.1	U	U	2.1	U	U	1	U	U	.99	U	U
2,4-Dichlorophenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2,4-Dimethylphenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2,4-Dinitrophenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2,4-Dinitrotoluene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2,6-Dinitrotoluene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2-Chloronaphthalene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2-Chlorophenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2-Methylnaphthalene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2-Methylphenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
2-Nitroaniline	mg/kg	2.1	U	U	2.1	U	U	1	U	U	.99	U	U
2-Nitrophenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
3,3'-Dichlorobenzidine	mg/kg	2.1	U	U	2.1	U	U	1	U	U	.99	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP04			HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0018			YP0001			YP0003			YP0005		
	Sample Date:	15-JAN-01			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - .5			0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS													
SW8330													
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
1,2-Dichlorobenzene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
1,3-Dichlorobenzene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
1,4-Dichlorobenzene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2,4,5-Trichlorophenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2,4,6-Trichlorophenol	mg/kg	1	U	U	.95	U	U	.87	U	U	.87	U	U
2,4-Dichlorophenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2,4-Dimethylphenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2,4-Dinitrophenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2,6-Dinitrotoluene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2-Chloronaphthalene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2-Chlorophenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2-Methylnaphthalene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2-Methylphenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
2-Nitroaniline	mg/kg	1	U	U	.95	U	U	.87	U	U	.87	U	U
2-Nitrophenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
3,3'-Dichlorobenzidine	mg/kg	1	U	U	.95	U	U	.87	U	U	.87	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0009			YP0011		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - 1			0 - 1		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS							
SW8330							
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U
SEMIVOLATILES							
SW8270C							
1,2,4-Trichlorobenzene	mg/kg	.35	U	U	.35	U	U
1,2-Dichlorobenzene	mg/kg	.35	U	U	.35	U	U
1,3-Dichlorobenzene	mg/kg	.35	U	U	.35	U	U
1,4-Dichlorobenzene	mg/kg	.35	U	U	.35	U	U
2,4,5-Trichlorophenol	mg/kg	.35	U	U	.35	U	U
2,4,6-Trichlorophenol	mg/kg	.87	U	U	.87	U	U
2,4-Dichlorophenol	mg/kg	.35	U	U	.35	U	U
2,4-Dimethylphenol	mg/kg	.35	U	U	.35	U	U
2,4-Dinitrophenol	mg/kg	.35	U	U	.35	U	U
2,4-Dinitrotoluene	mg/kg	.35	U	U	.35	U	U
2,6-Dinitrotoluene	mg/kg	.35	U	U	.35	U	U
2-Chloronaphthalene	mg/kg	.35	U	U	.35	U	U
2-Chlorophenol	mg/kg	.35	U	U	.35	U	U
2-Methylnaphthalene	mg/kg	.35	U	U	.35	U	U
2-Methylphenol	mg/kg	.35	U	U	.35	U	U
2-Nitroaniline	mg/kg	.87	U	U	.87	U	U
2-Nitrophenol	mg/kg	.35	U	U	.35	U	U
3,3'-Dichlorobenzidine	mg/kg	.87	U	U	.87	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP01			HR-130Q-DEP02			HR-130Q-DEP03			HR-130Q-DEP03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0013			YP0014			YP0015			YP0016		
	Sample Date:	15-JAN-01			15-JAN-01			15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
3-Nitroaniline	mg/kg	2.1	U	U	2.1	U	U	1	U	U	.99	U	U
4,6-Dinitro-2-methylphenol	mg/kg	2.1	U	U	2.1	U	U	1	U	U	.99	U	U
4-Bromophenyl phenyl ether	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
4-Chloro-3-methylphenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
4-Chloroaniline	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
4-Chlorophenyl phenyl ether	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
4-Methylphenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
4-Nitroaniline	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
4-Nitrophenol	mg/kg	2.1	U	U	2.1	U	U	1	U	U	.99	U	U
Acenaphthene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Acenaphthylene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Anthracene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Benzo(a)anthracene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Benzo(a)pyrene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Benzo(b)fluoranthene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Benzo(ghi)perylene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Benzo(k)fluoranthene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Bis(2-Chloroethyl)ether	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Butyl benzyl phthalate	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Carbazole	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Chrysene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Di-n-butyl phthalate	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Di-n-octyl phthalate	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Dibenz(a,h)anthracene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Dibenzofuran	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Diethyl phthalate	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Dimethyl phthalate	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Fluoranthene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP04			HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0018			YP0001			YP0003			YP0005		
	Sample Date:	15-JAN-01			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - .5			0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
3-Nitroaniline	mg/kg	1	U	U	.95	U	U	.87	U	U	.87	U	U
4,6-Dinitro-2-methylphenol	mg/kg	1	U	U	.95	U	U	.87	U	U	.87	U	U
4-Bromophenyl phenyl ether	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
4-Chloro-3-methylphenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
4-Chloroaniline	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
4-Chlorophenyl phenyl ether	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
4-Methylphenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
4-Nitroaniline	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
4-Nitrophenol	mg/kg	1	U	U	.95	U	U	.87	U	U	.87	U	U
Acenaphthene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Acenaphthylene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Anthracene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Benzo(a)anthracene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Benzo(a)pyrene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Benzo(b)fluoranthene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Benzo(ghi)perylene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Benzo(k)fluoranthene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Bis(2-Chloroethyl)ether	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Butyl benzyl phthalate	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Carbazole	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Chrysene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Di-n-butyl phthalate	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Di-n-octyl phthalate	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Dibenz(a,h)anthracene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Dibenzofuran	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Diethyl phthalate	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Dimethyl phthalate	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Fluoranthene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0009			YP0011		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - 1			0 - 1		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES							
SW8270C							
3-Nitroaniline	mg/kg	.87	U	U	.87	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.87	U	U	.87	U	U
4-Bromophenyl phenyl ether	mg/kg	.35	U	U	.35	U	U
4-Chloro-3-methylphenol	mg/kg	.35	U	U	.35	U	U
4-Chloroaniline	mg/kg	.35	U	U	.35	U	U
4-Chlorophenyl phenyl ether	mg/kg	.35	U	U	.35	U	U
4-Methylphenol	mg/kg	.35	U	U	.35	U	U
4-Nitroaniline	mg/kg	.35	U	U	.35	U	U
4-Nitrophenol	mg/kg	.87	U	U	.87	U	U
Acenaphthene	mg/kg	.35	U	U	.35	U	U
Acenaphthylene	mg/kg	.35	U	U	.35	U	U
Anthracene	mg/kg	.35	U	U	.35	U	U
Benzo(a)anthracene	mg/kg	.35	U	U	.35	U	U
Benzo(a)pyrene	mg/kg	.35	U	U	.35	U	U
Benzo(b)fluoranthene	mg/kg	.35	U	U	.35	U	U
Benzo(ghi)perylene	mg/kg	.35	U	U	.35	U	U
Benzo(k)fluoranthene	mg/kg	.35	U	U	.35	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.35	U	U	.35	U	U
Bis(2-Chloroethyl)ether	mg/kg	.35	U	U	.35	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.35	U	U	.35	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.35	U	U	.35	U	U
Butyl benzyl phthalate	mg/kg	.35	U	U	.35	U	U
Carbazole	mg/kg	.35	U	U	.35	U	U
Chrysene	mg/kg	.35	U	U	.35	U	U
Di-n-butyl phthalate	mg/kg	.35	U	U	.35	U	U
Di-n-octyl phthalate	mg/kg	.35	U	U	.35	U	U
Dibenz(a,h)anthracene	mg/kg	.35	U	U	.35	U	U
Dibenzofuran	mg/kg	.35	U	U	.35	U	U
Diethyl phthalate	mg/kg	.35	U	U	.35	U	U
Dimethyl phthalate	mg/kg	.35	U	U	.35	U	U
Fluoranthene	mg/kg	.35	U	U	.35	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP01			HR-130Q-DEP02			HR-130Q-DEP03			HR-130Q-DEP03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0013			YP0014			YP0015			YP0016		
	Sample Date:	15-JAN-01			15-JAN-01			15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Fluorene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Hexachlorobenzene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Hexachlorobutadiene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Hexachlorocyclopentadiene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Hexachloroethane	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Isophorone	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
N-Nitroso-di-n-propylamine	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
N-Nitrosodiphenylamine	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Naphthalene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Nitrobenzene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Pentachlorophenol	mg/kg	2.1	U	U	2.1	U	U	1	U	U	.99	U	U
Phenanthrene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Phenol	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
Pyrene	mg/kg	.84	U	U	.84	U	U	.41	U	U	.39	U	U
TOC													
SW9060													
Total Organic Carbon	mg/kg	123			99.7			89.7			114		
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,1,1-Trichloroethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,1,2-Trichloroethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,1-Dichloroethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,1-Dichloroethene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,1-Dichloropropene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,2,3-Trichlorobenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,2,3-Trichloropropane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,2,4-Trichlorobenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP04			HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0018			YP0001			YP0003			YP0005		
	Sample Date:	15-JAN-01			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group / Lab Method	Sample Depth:	0 - .5			0 - 1			0 - 1			0 - 1		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
SEMIVOLATILES													
SW8270C													
Fluorene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Hexachlorobenzene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Hexachlorobutadiene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Hexachlorocyclopentadiene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Hexachloroethane	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Isophorone	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
N-Nitroso-di-n-propylamine	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
N-Nitrosodiphenylamine	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Naphthalene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Nitrobenzene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Pentachlorophenol	mg/kg	1	U	U	.95	U	U	.87	U	U	.87	U	U
Phenanthrene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Phenol	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
Pyrene	mg/kg	.4	U	U	.38	U	U	.35	U	U	.35	U	U
TOC													
SW9060													
Total Organic Carbon	mg/kg	112											
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,1,1-Trichloroethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,1,2-Trichloroethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,1-Dichloroethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,1-Dichloroethene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,1-Dichloropropene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,2,3-Trichlorobenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,2,3-Trichloropropane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,2,4-Trichlorobenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0009			YP0011		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - 1			0 - 1		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES							
SW8270C							
Fluorene	mg/kg	.35	U	U	.35	U	U
Hexachlorobenzene	mg/kg	.35	U	U	.35	U	U
Hexachlorobutadiene	mg/kg	.35	U	U	.35	U	U
Hexachlorocyclopentadiene	mg/kg	.35	U	U	.35	U	U
Hexachloroethane	mg/kg	.35	U	U	.35	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.35	U	U	.35	U	U
Isophorone	mg/kg	.35	U	U	.35	U	U
N-Nitroso-di-n-propylamine	mg/kg	.35	U	U	.35	U	U
N-Nitrosodiphenylamine	mg/kg	.35	U	U	.35	U	U
Naphthalene	mg/kg	.35	U	U	.35	U	U
Nitrobenzene	mg/kg	.35	U	U	.35	U	U
Pentachlorophenol	mg/kg	.87	U	U	.87	U	U
Phenanthrene	mg/kg	.35	U	U	.35	U	U
Phenol	mg/kg	.35	U	U	.35	U	U
Pyrene	mg/kg	.35	U	U	.35	U	U
TOC							
SW9060							
Total Organic Carbon	mg/kg						
VOLATILES							
SW8260B							
1,1,1,2-Tetrachloroethane	mg/kg	.005	U	U	.0053	U	U
1,1,1-Trichloroethane	mg/kg	.005	U	U	.0053	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.005	U	U	.0053	U	U
1,1,2-Trichloroethane	mg/kg	.005	U	U	.0053	U	U
1,1-Dichloroethane	mg/kg	.005	U	U	.0053	U	U
1,1-Dichloroethene	mg/kg	.005	U	U	.0053	U	U
1,1-Dichloropropene	mg/kg	.005	U	U	.0053	U	U
1,2,3-Trichlorobenzene	mg/kg	.005	U	U	.0053	U	U
1,2,3-Trichloropropane	mg/kg	.005	U	U	.0053	U	U
1,2,4-Trichlorobenzene	mg/kg	.005	U	U	.0053	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP01			HR-130Q-DEP02			HR-130Q-DEP03			HR-130Q-DEP03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0013			YP0014			YP0015			YP0016		
	Sample Date:	15-JAN-01			15-JAN-01			15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2,4-Trimethylbenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.015	U	U	.014	U	U	.012	U	U	.013	U	U
1,2-Dibromoethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,2-Dichlorobenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,2-Dichloroethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,2-Dichloropropane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,2-Dimethylbenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,3,5-Trimethylbenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,3-Dichlorobenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,3-Dichloropropane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
1,4-Dichlorobenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
2-Butanone	mg/kg	.015	J	J	.015	J	J	.013	J	J	.021	J	J
2-Hexanone	mg/kg	.03	U	U	.028	U	U	.024	U	U	.026	U	U
4-Methyl-2-pentanone	mg/kg	.015	U	U	.014	U	U	.012	U	U	.013	U	U
Acetone	mg/kg	.22		J	.26		J	.15		J	.3		J
Benzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Bromobenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Bromochloromethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Bromodichloromethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Bromoform	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Bromomethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Carbon disulfide	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Carbon tetrachloride	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Chlorobenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Chloroethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Chloroform	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Chloromethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Cis-1,2-Dichloroethene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Cis-1,3-Dichloropropene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Cumene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Dibromochloromethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP04			HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0018			YP0001			YP0003			YP0005		
	Sample Date:	15-JAN-01			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - .5			0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2,4-Trimethylbenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.012	U	U	.0098	U	U	.01	U	U	.01	U	U
1,2-Dibromoethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,2-Dichlorobenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,2-Dichloroethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,2-Dichloropropane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,2-Dimethylbenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,3,5-Trimethylbenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,3-Dichlorobenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,3-Dichloropropane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
1,4-Dichlorobenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
2-Butanone	mg/kg	.0092	J	J	.02	U	U	.021	U	U	.021	U	U
2-Hexanone	mg/kg	.024	U	U	.02	U	U	.021	U	U	.021	U	U
4-Methyl-2-pentanone	mg/kg	.012	U	U	.0098	U	U	.01	U	U	.01	U	U
Acetone	mg/kg	.087		J	.02	U	R	.06		J	.049		J
Benzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Bromobenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Bromochloromethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Bromodichloromethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Bromoform	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Bromomethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Carbon disulfide	mg/kg	.0061	U	U	.0021	J	J	.0052	U	UJ	.0052	U	UJ
Carbon tetrachloride	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Chlorobenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Chloroethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Chloroform	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Chloromethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Cis-1,2-Dichloroethene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Cis-1,3-Dichloropropene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Cumene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Dibromochloromethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:		HR-130Q			HR-130Q		
	Sample No:		YP0009			YP0011		
	Sample Date:		03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*		0 - 1			0 - 1		
Lab Method								
Parameter	*Units*		*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES								
SW8260B								
1,2,4-Trimethylbenzene	mg/kg		.005	U	U	.0053	U	U
1,2-Dibromo-3-Chloropropane	mg/kg		.01	U	U	.011	U	U
1,2-Dibromoethane	mg/kg		.005	U	U	.0053	U	U
1,2-Dichlorobenzene	mg/kg		.005	U	U	.0053	U	U
1,2-Dichloroethane	mg/kg		.005	U	U	.0053	U	U
1,2-Dichloropropane	mg/kg		.005	U	U	.0053	U	U
1,2-Dimethylbenzene	mg/kg		.005	U	U	.0053	U	U
1,3,5-Trimethylbenzene	mg/kg		.005	U	U	.0053	U	U
1,3-Dichlorobenzene	mg/kg		.005	U	U	.0053	U	U
1,3-Dichloropropane	mg/kg		.005	U	U	.0053	U	U
1,4-Dichlorobenzene	mg/kg		.005	U	U	.0053	U	U
2-Butanone	mg/kg		.02	U	U	.037		
2-Hexanone	mg/kg		.02	U	U	.021	U	U
4-Methyl-2-pentanone	mg/kg		.01	U	U	.011	U	U
Acetone	mg/kg		.11		J	.3		J
Benzene	mg/kg		.005	U	U	.0053	U	U
Bromobenzene	mg/kg		.005	U	U	.0053	U	U
Bromochloromethane	mg/kg		.005	U	U	.0053	U	U
Bromodichloromethane	mg/kg		.005	U	U	.0053	U	U
Bromoform	mg/kg		.005	U	U	.0053	U	U
Bromomethane	mg/kg		.005	U	U	.0053	U	U
Carbon disulfide	mg/kg		.005	U	U	.0053	U	U
Carbon tetrachloride	mg/kg		.005	U	U	.0053	U	U
Chlorobenzene	mg/kg		.005	U	U	.0053	U	U
Chloroethane	mg/kg		.005	U	U	.0053	U	U
Chloroform	mg/kg		.005	U	U	.0053	U	U
Chloromethane	mg/kg		.005	U	U	.0053	U	U
Cis-1,2-Dichloroethene	mg/kg		.005	U	U	.0053	U	U
Cis-1,3-Dichloropropene	mg/kg		.005	U	U	.0053	U	U
Cumene	mg/kg		.005	U	U	.0053	U	U
Dibromochloromethane	mg/kg		.005	U	U	.0053	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP01			HR-130Q-DEP02			HR-130Q-DEP03			HR-130Q-DEP03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0013			YP0014			YP0015			YP0016		
	Sample Date:	15-JAN-01			15-JAN-01			15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
Dibromomethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Dichlorodifluoromethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Ethylbenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Hexachlorobutadiene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Methylene chloride	mg/kg	.0034	JB	B	.0027	JB	B	.0015	JB	B	.0027	JB	B
N-Butylbenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
N-Propylbenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Naphthalene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Styrene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Tetrachloroethene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Toluene	mg/kg	.00043	J	J	.007	U	U	.006	U	U	.00041	J	J
Trans-1,2-Dichloroethene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Trans-1,3-Dichloropropene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Trichloroethene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Trichlorofluoromethane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
Vinyl chloride	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
m,p-Xylenes	mg/kg	.015	U	U	.014	U	U	.012	U	U	.013	U	U
o-Chlorotoluene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
p-Chlorotoluene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
p-Cymene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
sec-Butylbenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
sec-Dichloropropane	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U
tert-Butylbenzene	mg/kg	.0076	U	U	.007	U	U	.006	U	U	.0065	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-DEP04			HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0018			YP0001			YP0003			YP0005		
	Sample Date:	15-JAN-01			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - .5			0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
Dibromomethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Dichlorodifluoromethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Ethylbenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Hexachlorobutadiene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Methylene chloride	mg/kg	.0023	JB	B	.0049	U	U	.0031	JB	B	.0028	JB	B
N-Butylbenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
N-Propylbenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Naphthalene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Styrene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Tetrachloroethene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Toluene	mg/kg	.00055	J	J	.0049	U	U	.0052	U	U	.0052	U	U
Trans-1,2-Dichloroethene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Trans-1,3-Dichloropropene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Trichloroethene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Trichlorofluoromethane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
Vinyl chloride	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
m,p-Xylenes	mg/kg	.012	U	U	.0098	U	U	.01	U	U	.01	U	U
o-Chlorotoluene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
p-Chlorotoluene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
p-Cymene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
sec-Butylbenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
sec-Dichloropropane	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U
tert-Butylbenzene	mg/kg	.0061	U	U	.0049	U	U	.0052	U	U	.0052	U	U

Summary of Validated Surface and Depositional Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0009			YP0011		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	0 - 1			0 - 1		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES							
SW8260B							
Dibromomethane	mg/kg	.005	U	U	.0053	U	U
Dichlorodifluoromethane	mg/kg	.005	U	UJ	.0053	U	UJ
Ethylbenzene	mg/kg	.005	U	U	.0053	U	U
Hexachlorobutadiene	mg/kg	.005	U	U	.0053	U	U
Methylene chloride	mg/kg	.0017	J	B	.0015	J	B
N-Butylbenzene	mg/kg	.005	U	U	.0053	U	U
N-Propylbenzene	mg/kg	.005	U	U	.0053	U	U
Naphthalene	mg/kg	.005	U	U	.0053	U	U
Styrene	mg/kg	.005	U	U	.0053	U	U
Tetrachloroethene	mg/kg	.005	U	U	.0053	U	U
Toluene	mg/kg	.0015	J	J	.0033	J	J
Trans-1,2-Dichloroethene	mg/kg	.005	U	U	.0053	U	U
Trans-1,3-Dichloropropene	mg/kg	.005	U	U	.0053	U	U
Trichloroethene	mg/kg	.005	U	U	.0053	U	U
Trichlorofluoromethane	mg/kg	.005	U	U	.0053	U	U
Vinyl chloride	mg/kg	.005	U	U	.0053	U	U
m,p-Xylenes	mg/kg	.01	U	U	.011	U	U
o-Chlorotoluene	mg/kg	.005	U	U	.0053	U	U
p-Chlorotoluene	mg/kg	.005	U	U	.0053	U	U
p-Cymene	mg/kg	.005	U	U	.043		
sec-Butylbenzene	mg/kg	.005	U	U	.0053	U	U
sec-Dichloropropane	mg/kg	.005	U	U	.0053	U	U
tert-Butylbenzene	mg/kg	.005	U	U	.0053	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0002			YP0004			YP0006			YP0007		
	Sample Date:	03-OCT-00			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	10 - 12			1 - 2			6 - 9			6 - 9		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW6010B													
Aluminum	mg/kg	5600			12400			7400			9280		
Antimony	mg/kg	11.4	U	UJ	10.5	U	UJ	11	U	UJ	11	U	UJ
Arsenic	mg/kg	1.43		B	3.79			1.74			2.06		
Barium	mg/kg	11.8			378			17.9			15.1		
Beryllium	mg/kg	.0713	J	B	.552	J	J	.133	J	B	.135	J	B
Cadmium	mg/kg	.568	U	U	.524	U	U	.551	U	U	.551	U	U
Calcium	mg/kg	30.7	J	J	190			115			80.7	J	J
Chromium	mg/kg	11.4			17.1			13.6			14.6		
Cobalt	mg/kg	1.39	J	B	5.11			1.11	J	B	1.47	J	B
Copper	mg/kg	1.82	J	J	6.49			3.42			3.81		
Iron	mg/kg	3960			21200			8330			10700		
Lead	mg/kg	3.66			11.1			4.8			4.29		
Magnesium	mg/kg	123			367			257			254		
Manganese	mg/kg	8.79			860			62.7			46.6		
Nickel	mg/kg	6.21		J	10.6		J	6.57		J	7.45		J
Potassium	mg/kg	219	J	B	434	J	B	381	J	B	247	J	B
Selenium	mg/kg	.902	J	B	1.17		B	1.1	U	U	.664	J	B
Silver	mg/kg	1.14	U	U	.815	J	B	.475	J	B	.685	J	B
Sodium	mg/kg	26.5	J	J	27.2	J	J	41.4	J	J	28.6	J	J
Thallium	mg/kg	2.27	U	U	2.1	U	U	2.2	U	U	2.21	U	U
Vanadium	mg/kg	10.6			24.2			12.8			15.5		
Zinc	mg/kg	2.9		J	13.3		J	21.2		J	15.8		J
SW7471A													
Mercury	mg/kg	.036	J	J	.105	U	U	.11	U	U	.11	U	U
NITROAROMATICS													
SW8330													
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0010			YP0012		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	3 - 4			7 - 8		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS							
SW6010B							
Aluminum	mg/kg	34100			6240		
Antimony	mg/kg	11.3	U	UJ	11.8	U	UJ
Arsenic	mg/kg	7.21			2.66		
Barium	mg/kg	22.7			19.7		
Beryllium	mg/kg	.717	J	J	.432	J	B
Cadmium	mg/kg	.563	U	U	.588	U	U
Calcium	mg/kg	50	J	J	55.6	J	J
Chromium	mg/kg	35			14		
Cobalt	mg/kg	2.04	J	B	1.14	J	B
Copper	mg/kg	10.8			4.71		
Iron	mg/kg	40100			12600		
Lead	mg/kg	9.89			3.67		
Magnesium	mg/kg	350			258		
Manganese	mg/kg	35.3			3.7		
Nickel	mg/kg	10.1		J	7.75		J
Potassium	mg/kg	441	J	B	3320		
Selenium	mg/kg	1.77		B	1.18	U	U
Silver	mg/kg	1.33		B	1.18	U	U
Sodium	mg/kg	29.2	J	J	50.3	J	J
Thallium	mg/kg	.798	J	J	2.35	U	U
Vanadium	mg/kg	55.1			15.8		
Zinc	mg/kg	16.7		J	10.1		J
SW7471A							
Mercury	mg/kg	.061	J	J	.118	U	U
NITROAROMATICS							
SW8330							
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0002			YP0004			YP0006			YP0007		
	Sample Date:	03-OCT-00			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	10 - 12			1 - 2			6 - 9			6 - 9		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS													
SW8330													
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
1,2-Dichlorobenzene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
1,3-Dichlorobenzene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
1,4-Dichlorobenzene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2,4,5-Trichlorophenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2,4,6-Trichlorophenol	mg/kg	.94	U	U	.87	U	U	.91	U	U	.92	U	U
2,4-Dichlorophenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2,4-Dimethylphenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2,4-Dinitrophenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2,4-Dinitrotoluene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2,6-Dinitrotoluene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2-Chloronaphthalene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2-Chlorophenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2-Methylnaphthalene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2-Methylphenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
2-Nitroaniline	mg/kg	.94	U	U	.87	U	U	.91	U	U	.92	U	U
2-Nitrophenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
3,3'-Dichlorobenzidine	mg/kg	.94	U	U	.87	U	U	.91	U	U	.92	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0010			YP0012		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	3 - 4			7 - 8		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS							
SW8330							
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U
SEMIVOLATILES							
SW8270C							
1,2,4-Trichlorobenzene	mg/kg	.37	U	U	.39	U	U
1,2-Dichlorobenzene	mg/kg	.37	U	U	.39	U	U
1,3-Dichlorobenzene	mg/kg	.37	U	U	.39	U	U
1,4-Dichlorobenzene	mg/kg	.37	U	U	.39	U	U
2,4,5-Trichlorophenol	mg/kg	.37	U	U	.39	U	U
2,4,6-Trichlorophenol	mg/kg	.93	U	U	.98	U	U
2,4-Dichlorophenol	mg/kg	.37	U	U	.39	U	U
2,4-Dimethylphenol	mg/kg	.37	U	U	.39	U	U
2,4-Dinitrophenol	mg/kg	.37	U	U	.39	U	U
2,4-Dinitrotoluene	mg/kg	.37	U	U	.39	U	U
2,6-Dinitrotoluene	mg/kg	.37	U	U	.39	U	U
2-Chloronaphthalene	mg/kg	.37	U	U	.39	U	U
2-Chlorophenol	mg/kg	.37	U	U	.39	U	U
2-Methylnaphthalene	mg/kg	.37	U	U	.39	U	U
2-Methylphenol	mg/kg	.37	U	U	.39	U	U
2-Nitroaniline	mg/kg	.93	U	U	.98	U	U
2-Nitrophenol	mg/kg	.37	U	U	.39	U	U
3,3'-Dichlorobenzidine	mg/kg	.93	U	U	.98	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0002			YP0004			YP0006			YP0007		
	Sample Date:	03-OCT-00			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	10 - 12			1 - 2			6 - 9			6 - 9		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
3-Nitroaniline	mg/kg	.94	U	U	.87	U	U	.91	U	U	.92	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.94	U	U	.87	U	U	.91	U	U	.92	U	U
4-Bromophenyl phenyl ether	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
4-Chloro-3-methylphenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
4-Chloroaniline	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
4-Chlorophenyl phenyl ether	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
4-Methylphenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
4-Nitroaniline	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
4-Nitrophenol	mg/kg	.94	U	U	.87	U	U	.91	U	U	.92	U	U
Acenaphthene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Acenaphthylene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Anthracene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Benzo(a)anthracene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Benzo(a)pyrene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Benzo(b)fluoranthene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Benzo(ghi)perylene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Benzo(k)fluoranthene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Bis(2-Chloroethyl)ether	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Butyl benzyl phthalate	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Carbazole	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Chrysene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Di-n-butyl phthalate	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Di-n-octyl phthalate	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Dibenz(a,h)anthracene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Dibenzofuran	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Diethyl phthalate	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Dimethyl phthalate	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Fluoranthene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0010			YP0012		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group / Lab Method	Sample Depth:	3 - 4			7 - 8		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual
SEMIVOLATILES							
SW8270C							
3-Nitroaniline	mg/kg	.93	U	U	.98	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.93	U	U	.98	U	U
4-Bromophenyl phenyl ether	mg/kg	.37	U	U	.39	U	U
4-Chloro-3-methylphenol	mg/kg	.37	U	U	.39	U	U
4-Chloroaniline	mg/kg	.37	U	U	.39	U	U
4-Chlorophenyl phenyl ether	mg/kg	.37	U	U	.39	U	U
4-Methylphenol	mg/kg	.37	U	U	.39	U	U
4-Nitroaniline	mg/kg	.37	U	U	.39	U	U
4-Nitrophenol	mg/kg	.93	U	U	.98	U	U
Acenaphthene	mg/kg	.37	U	U	.39	U	U
Acenaphthylene	mg/kg	.37	U	U	.39	U	U
Anthracene	mg/kg	.37	U	U	.39	U	U
Benzo(a)anthracene	mg/kg	.37	U	U	.39	U	U
Benzo(a)pyrene	mg/kg	.37	U	U	.39	U	U
Benzo(b)fluoranthene	mg/kg	.37	U	U	.39	U	U
Benzo(ghi)perylene	mg/kg	.37	U	U	.39	U	U
Benzo(k)fluoranthene	mg/kg	.37	U	U	.39	U	U
Bis(2-Chloroethoxy)methane	mg/kg	.37	U	U	.39	U	U
Bis(2-Chloroethyl)ether	mg/kg	.37	U	U	.39	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	.37	U	U	.39	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	.37	U	U	.39	U	U
Butyl benzyl phthalate	mg/kg	.37	U	U	.39	U	U
Carbazole	mg/kg	.37	U	U	.39	U	U
Chrysene	mg/kg	.37	U	U	.39	U	U
Di-n-butyl phthalate	mg/kg	.37	U	U	.39	U	U
Di-n-octyl phthalate	mg/kg	.37	U	U	.39	U	U
Dibenz(a,h)anthracene	mg/kg	.37	U	U	.39	U	U
Dibenzofuran	mg/kg	.37	U	U	.39	U	U
Diethyl phthalate	mg/kg	.37	U	U	.39	U	U
Dimethyl phthalate	mg/kg	.37	U	U	.39	U	U
Fluoranthene	mg/kg	.37	U	U	.39	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Location Code:		HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03			HR-130Q-MW03		
Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
Sample No:		YP0002			YP0004			YP0006			YP0007		
Sample Date:		03-OCT-00			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	10 - 12			1 - 2			6 - 9			6 - 9		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Fluorene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Hexachlorobenzene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Hexachlorobutadiene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Hexachlorocyclopentadiene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Hexachloroethane	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Isophorone	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
N-Nitroso-di-n-propylamine	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
N-Nitrosodiphenylamine	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Naphthalene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Nitrobenzene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Pentachlorophenol	mg/kg	.94	U	U	.87	U	U	.91	U	U	.92	U	U
Phenanthrene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Phenol	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
Pyrene	mg/kg	.37	U	U	.35	U	U	.36	U	U	.36	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,1,1-Trichloroethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,1,2-Trichloroethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,1-Dichloroethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,1-Dichloroethene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,1-Dichloropropene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,2,3-Trichlorobenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,2,3-Trichloropropane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,2,4-Trichlorobenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,2,4-Trimethylbenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.011	U	U	.0088	U	U	.01	U	U	.0098	U	U
1,2-Dibromoethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0010			YP0012		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	3 - 4			7 - 8		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES							
SW8270C							
Fluorene	mg/kg	.37	U	U	.39	U	U
Hexachlorobenzene	mg/kg	.37	U	U	.39	U	U
Hexachlorobutadiene	mg/kg	.37	U	U	.39	U	U
Hexachlorocyclopentadiene	mg/kg	.37	U	U	.39	U	U
Hexachloroethane	mg/kg	.37	U	U	.39	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.37	U	U	.39	U	U
Isophorone	mg/kg	.37	U	U	.39	U	U
N-Nitroso-di-n-propylamine	mg/kg	.37	U	U	.39	U	U
N-Nitrosodiphenylamine	mg/kg	.37	U	U	.39	U	U
Naphthalene	mg/kg	.37	U	U	.39	U	U
Nitrobenzene	mg/kg	.37	U	U	.39	U	U
Pentachlorophenol	mg/kg	.93	U	U	.98	U	U
Phenanthrene	mg/kg	.37	U	U	.39	U	U
Phenol	mg/kg	.37	U	U	.39	U	U
Pyrene	mg/kg	.37	U	U	.39	U	U
VOLATILES							
SW8260B							
1,1,1,2-Tetrachloroethane	mg/kg	.0048	U	U	.0065	U	U
1,1,1-Trichloroethane	mg/kg	.0048	U	U	.0065	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0048	U	U	.0065	U	U
1,1,2-Trichloroethane	mg/kg	.0048	U	U	.0065	U	U
1,1-Dichloroethane	mg/kg	.0048	U	U	.0065	U	U
1,1-Dichloroethene	mg/kg	.0048	U	U	.0065	U	U
1,1-Dichloropropene	mg/kg	.0048	U	U	.0065	U	U
1,2,3-Trichlorobenzene	mg/kg	.0048	U	U	.0065	U	U
1,2,3-Trichloropropane	mg/kg	.0048	U	U	.0065	U	U
1,2,4-Trichlorobenzene	mg/kg	.0048	U	U	.0065	U	U
1,2,4-Trimethylbenzene	mg/kg	.0048	U	U	.0065	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.0097	U	U	.013	U	U
1,2-Dibromoethane	mg/kg	.0048	U	U	.0065	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0002			YP0004			YP0006			YP0007		
	Sample Date:	03-OCT-00			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	10 - 12			1 - 2			6 - 9			6 - 9		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2-Dichlorobenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,2-Dichloroethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,2-Dichloropropane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,2-Dimethylbenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,3,5-Trimethylbenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,3-Dichlorobenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,3-Dichloropropane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
1,4-Dichlorobenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
2-Butanone	mg/kg	.021	U	U	.018	U	U	.021	U	U	.02	U	U
2-Hexanone	mg/kg	.021	U	U	.018	U	U	.021	U	U	.02	U	U
4-Methyl-2-pentanone	mg/kg	.011	U	U	.0088	U	U	.01	U	U	.0098	U	U
Acetone	mg/kg	.021	U	R	.1		J	.021	U	R	.014	J	J
Benzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Bromobenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Bromochloromethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Bromodichloromethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Bromoform	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Bromomethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Carbon disulfide	mg/kg	.011		J	.0044	U	UJ	.0038	J	J	.0053		
Carbon tetrachloride	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Chlorobenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Chloroethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Chloroform	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Chloromethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Cis-1,2-Dichloroethene	mg/kg	.0053	U	U	.0044	U	U	.0014	J	J	.0049	U	U
Cis-1,3-Dichloropropene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Cumene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Dibromochloromethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Dibromomethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Dichlorodifluoromethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	UJ
Ethylbenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0010			YP0012		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	3 - 4			7 - 8		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES							
SW8260B							
1,2-Dichlorobenzene	mg/kg	.0048	U	U	.0065	U	U
1,2-Dichloroethane	mg/kg	.0048	U	U	.0065	U	U
1,2-Dichloropropane	mg/kg	.0048	U	U	.0065	U	U
1,2-Dimethylbenzene	mg/kg	.0048	U	U	.0065	U	U
1,3,5-Trimethylbenzene	mg/kg	.0048	U	U	.0065	U	U
1,3-Dichlorobenzene	mg/kg	.0048	U	U	.0065	U	U
1,3-Dichloropropane	mg/kg	.0048	U	U	.0065	U	U
1,4-Dichlorobenzene	mg/kg	.0048	U	U	.0065	U	U
2-Butanone	mg/kg	.019	U	U	.026	U	U
2-Hexanone	mg/kg	.019	U	U	.026	U	U
4-Methyl-2-pentanone	mg/kg	.0097	U	U	.013	U	U
Acetone	mg/kg	.028		J	.026	U	R
Benzene	mg/kg	.0048	U	U	.0065	U	U
Bromobenzene	mg/kg	.0048	U	U	.0065	U	U
Bromochloromethane	mg/kg	.0048	U	U	.0065	U	U
Bromodichloromethane	mg/kg	.0048	U	U	.0065	U	U
Bromoform	mg/kg	.0048	U	U	.0065	U	U
Bromomethane	mg/kg	.0048	U	U	.0065	U	U
Carbon disulfide	mg/kg	.0048	U	U	.012		
Carbon tetrachloride	mg/kg	.0048	U	U	.0065	U	U
Chlorobenzene	mg/kg	.0048	U	U	.0065	U	U
Chloroethane	mg/kg	.0048	U	U	.0065	U	U
Chloroform	mg/kg	.0048	U	U	.0065	U	U
Chloromethane	mg/kg	.0048	U	U	.0065	U	U
Cis-1,2-Dichloroethene	mg/kg	.0048	U	U	.0065	U	U
Cis-1,3-Dichloropropene	mg/kg	.0048	U	U	.0065	U	U
Cumene	mg/kg	.0048	U	U	.0065	U	U
Dibromochloromethane	mg/kg	.0048	U	U	.0065	U	U
Dibromomethane	mg/kg	.0048	U	U	.0065	U	U
Dichlorodifluoromethane	mg/kg	.0048	U	UJ	.0065	U	UJ
Ethylbenzene	mg/kg	.0048	U	U	.0065	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-MW01			HR-130Q-MW02			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:	YP0002			YP0004			YP0006			YP0007		
	Sample Date:	03-OCT-00			03-OCT-00			03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	10 - 12			1 - 2			6 - 9			6 - 9		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
Hexachlorobutadiene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Methylene chloride	mg/kg	.0053	U	U	.0014	JB	B	.0015	JB	B	.002	J	B
N-Butylbenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
N-Propylbenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Naphthalene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Styrene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Tetrachloroethene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Toluene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Trans-1,2-Dichloroethene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Trans-1,3-Dichloropropene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Trichloroethene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Trichlorofluoromethane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
Vinyl chloride	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
m,p-Xylenes	mg/kg	.011	U	U	.0088	U	U	.01	U	U	.0098	U	U
o-Chlorotoluene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
p-Chlorotoluene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
p-Cymene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
sec-Butylbenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
sec-Dichloropropane	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U
tert-Butylbenzene	mg/kg	.0053	U	U	.0044	U	U	.0052	U	U	.0049	U	U

Summary of Validated Subsurface Soil Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:	HR-130Q-MW04			HR-130Q-MW05		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP0010			YP0012		
	Sample Date:	03-OCT-00			03-OCT-00		
User Test Group	*Sample Depth:*	3 - 4			7 - 8		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES							
SW8260B							
Hexachlorobutadiene	mg/kg	.0048	U	U	.0065	U	U
Methylene chloride	mg/kg	.0014	J	B	.0035	J	B
N-Butylbenzene	mg/kg	.0048	U	U	.0065	U	U
N-Propylbenzene	mg/kg	.0048	U	U	.0065	U	U
Naphthalene	mg/kg	.0048	U	U	.0065	U	U
Styrene	mg/kg	.0048	U	U	.0065	U	U
Tetrachloroethene	mg/kg	.0048	U	U	.0065	U	U
Toluene	mg/kg	.0048	U	U	.0065	U	U
Trans-1,2-Dichloroethene	mg/kg	.0048	U	U	.0065	U	U
Trans-1,3-Dichloropropene	mg/kg	.0048	U	U	.0065	U	U
Trichloroethene	mg/kg	.0048	U	U	.0065	U	U
Trichlorofluoromethane	mg/kg	.0048	U	U	.0065	U	U
Vinyl chloride	mg/kg	.0048	U	U	.0065	U	U
m,p-Xylenes	mg/kg	.0097	U	U	.013	U	U
o-Chlorotoluene	mg/kg	.0048	U	U	.0065	U	U
p-Chlorotoluene	mg/kg	.0048	U	U	.0065	U	U
p-Cymene	mg/kg	.0048	U	U	.0065	U	U
sec-Butylbenzene	mg/kg	.0048	U	U	.0065	U	U
sec-Dichloropropane	mg/kg	.0048	U	U	.0065	U	U
tert-Butylbenzene	mg/kg	.0048	U	U	.0065	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

		Location Code:	HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW02		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3001			YP3001			YP3015			YP3002		
		Sample Date:	26-JUL-01			26-JUL-01			21-OCT-02			27-JUL-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
SW6010B														
Aluminum		mg/L	1.28			1.28						.0495	J	J
Antimony		mg/L	.1	U	U	.1	U	U				.1	U	U
Arsenic		mg/L	.01	U	U	.01	U	U				.01	U	U
Barium		mg/L	.00702	J	J	.00702	J	J				.36		
Beryllium		mg/L	.001	U	U	.001	U	U				.001	U	U
Cadmium		mg/L	.01	U	U	.01	U	U				.01	U	U
Calcium		mg/L	.512	J	B	.512	J	B				1.65		
Chromium		mg/L	.01	U	U	.01	U	U				.01	U	U
Cobalt		mg/L	.0144	J	J	.0144	J	J				.0294		
Copper		mg/L	.02	U	U	.02	U	U				.02	U	U
Iron		mg/L	.469		B	.469		B				.166	J	B
Lead		mg/L	.01	U	U	.01	U	U				.01	U	U
Magnesium		mg/L	1	U	U	1	U	U				.36	J	B
Manganese		mg/L	.00853	J	B	.00853	J	B				3.11		
Nickel		mg/L	.02	U	U	.02	U	U				.0322		
Potassium		mg/L	13			13						3.58	J	J
Selenium		mg/L	.01	U	U	.01	U	U				.01	U	U
Silver		mg/L	.00489	J	J	.00489	J	J				.01	U	U
Sodium		mg/L	5.02			5.02						2.41		
Thallium		mg/L	.01	U	U	.01	U	U				.01	U	U
Vanadium		mg/L	.01	U	U	.01	U	U				.01	U	U
Zinc		mg/L	.00669	J	B	.00669	J	B				.00975	J	J
SW7470A														
Mercury		mg/L	.0005	U	U	.0005	U	U				.0005	U	U
NITROAROMATICS														
SW8330														
1,3,5-Trinitrobenzene		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
1,3-Dinitrobenzene		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
2,4,6-Trinitrotoluene		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
2,4-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U				.0004	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3003			YP3004			YP3014			YP3017		
	Sample Date:		21-MAY-01			21-MAY-01			22-MAY-02			08-OCT-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
SW6010B														
Aluminum		mg/L	.2	U	U	.2	U	U						
Antimony		mg/L	.1	U	U	.1	U	U						
Arsenic		mg/L	.01	U	U	.01	U	U						
Barium		mg/L	.00533	J	J	.00588	J	J						
Beryllium		mg/L	.001	U	U	.001	U	U						
Cadmium		mg/L	.01	U	U	.01	U	U						
Calcium		mg/L	.155	J	B	.153	J	B						
Chromium		mg/L	.01	U	U	.01	U	U						
Cobalt		mg/L	.02	U	U	.02	U	U						
Copper		mg/L	.02	U	U	.02	U	U						
Iron		mg/L	.2	U	U	.2	U	U						
Lead		mg/L	.01	U	U	.01	U	U						
Magnesium		mg/L	.176	J	B	.192	J	B						
Manganese		mg/L	.00999	J	J	.0107								
Nickel		mg/L	.02	U	U	.02	U	U						
Potassium		mg/L	5	U	U	5	U	U						
Selenium		mg/L	.01	U	U	.01	U	U						
Silver		mg/L	.01	U	U	.01	U	U						
Sodium		mg/L	.758	J	J	.771	J	J						
Thallium		mg/L	.01	U	U	.01	U	U						
Vanadium		mg/L	.01	U	U	.01	U	U						
Zinc		mg/L	.02	U	U	.02	U	U						
SW7470A														
Mercury		mg/L	.0005	U	U	.0005	U	U						
NITROAROMATICS														
SW8330														
1,3,5-Trinitrobenzene		mg/L	.0004	U	U	.0004	U	U						
1,3-Dinitrobenzene		mg/L	.0004	U	U	.0004	U	U						
2,4,6-Trinitrotoluene		mg/L	.0004	U	U	.0004	U	U						
2,4-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U						

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW04			HR-130Q-MW04			HR-130Q-MW05			HR-130Q-MW05		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3006			YP3019			YP3007			YP3020		
		Sample Date:	27-JUL-01			16-OCT-02			03-MAY-01			17-OCT-02		
User Test Group / *Lab Method*	*Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS															
SW6010B															
	Aluminum		mg/L	.242						.584					
	Antimony		mg/L	.1	U	U				.1	U	U			
	Arsenic		mg/L	.01	U	U				.01	U	U			
	Barium		mg/L	.00541	J	B				.00623	J	J			
	Beryllium		mg/L	.001	U	U				.001	U	U			
	Cadmium		mg/L	.01	U	U				.01	U	U			
	Calcium		mg/L	1.07						.525	J	B			
	Chromium		mg/L	.01	U	U				.01	U	U			
	Cobalt		mg/L	.02	U	U				.0124	J	J			
	Copper		mg/L	.02	U	U				.02	U	U			
	Iron		mg/L	.213		B				.213					
	Lead		mg/L	.01	U	U				.01	U	U			
	Magnesium		mg/L	.228	J	B				.253	J	B			
	Manganese		mg/L	.00956	J	B				.019					
	Nickel		mg/L	.02	U	U				.02	U	U			
	Potassium		mg/L	5	U	U				4.05	J	J			
	Selenium		mg/L	.01	U	U				.01	U	U			
	Silver		mg/L	.01	U	U				.01	U	U			
	Sodium		mg/L	1.14						1.71					
	Thallium		mg/L	.01	U	U				.01	U	U			
	Vanadium		mg/L	.01	U	U				.01	U	U			
	Zinc		mg/L	.0322						.02	U	U			
SW7470A															
	Mercury		mg/L	.0005	U	U				.0005	U	U			
NITROAROMATICS															
SW8330															
	1,3,5-Trinitrobenzene		mg/L	.0004	U	U				.0004	U	UJ			
	1,3-Dinitrobenzene		mg/L	.0004	U	U				.0004	U	UJ			
	2,4,6-Trinitrotoluene		mg/L	.0004	U	U				.0004	U	UJ			
	2,4-Dinitrotoluene		mg/L	.0004	U	U				.0004	U	U			

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:		HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW07		
		Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:		YP3008			YP3018			YP3021			YP3009		
		Sample Date:		21-MAY-02			09-OCT-02			09-OCT-02			24-MAY-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
SW6010B														
Aluminum		mg/L												
Antimony		mg/L												
Arsenic		mg/L												
Barium		mg/L												
Beryllium		mg/L												
Cadmium		mg/L												
Calcium		mg/L												
Chromium		mg/L												
Cobalt		mg/L												
Copper		mg/L												
Iron		mg/L												
Lead		mg/L												
Magnesium		mg/L												
Manganese		mg/L												
Nickel		mg/L												
Potassium		mg/L												
Selenium		mg/L												
Silver		mg/L												
Sodium		mg/L												
Thallium		mg/L												
Vanadium		mg/L												
Zinc		mg/L												
SW7470A														
Mercury		mg/L												
NITROAROMATICS														
SW8330														
1,3,5-Trinitrobenzene		mg/L												
1,3-Dinitrobenzene		mg/L												
2,4,6-Trinitrotoluene		mg/L												
2,4-Dinitrotoluene		mg/L												

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

		Location Code:	HR-130Q-MW07			HR-130Q-MW07			HR-130Q-MW08			HR-130Q-MW08		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3010			YP3022			YP3011			YP3023		
		Sample Date:	24-MAY-02			10-OCT-02			16-MAY-02			07-OCT-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
SW6010B														
Aluminum		mg/L												
Antimony		mg/L												
Arsenic		mg/L												
Barium		mg/L												
Beryllium		mg/L												
Cadmium		mg/L												
Calcium		mg/L												
Chromium		mg/L												
Cobalt		mg/L												
Copper		mg/L												
Iron		mg/L												
Lead		mg/L												
Magnesium		mg/L												
Manganese		mg/L												
Nickel		mg/L												
Potassium		mg/L												
Selenium		mg/L												
Silver		mg/L												
Sodium		mg/L												
Thallium		mg/L												
Vanadium		mg/L												
Zinc		mg/L												
SW7470A														
Mercury		mg/L												
NITROAROMATICS														
SW8330														
1,3,5-Trinitrobenzene		mg/L												
1,3-Dinitrobenzene		mg/L												
2,4,6-Trinitrotoluene		mg/L												
2,4-Dinitrotoluene		mg/L												

		Location Code:	HR-130Q-MW09			HR-130Q-MW09			HR-130Q-MW10			HR-130Q-MW10		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3012			YP3024			YP3013			YP3025		
		Sample Date:	15-MAY-02			07-OCT-02			15-MAY-02			18-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
SW6010B														
Aluminum		mg/L												
Antimony		mg/L												
Arsenic		mg/L												
Barium		mg/L												
Beryllium		mg/L												
Cadmium		mg/L												
Calcium		mg/L												
Chromium		mg/L												
Cobalt		mg/L												
Copper		mg/L												
Iron		mg/L												
Lead		mg/L												
Magnesium		mg/L												
Manganese		mg/L												
Nickel		mg/L												
Potassium		mg/L												
Selenium		mg/L												
Silver		mg/L												
Sodium		mg/L												
Thallium		mg/L												
Vanadium		mg/L												
Zinc		mg/L												
SW7470A														
Mercury		mg/L												
NITROAROMATICS														
SW8330														
1,3,5-Trinitrobenzene		mg/L												
1,3-Dinitrobenzene		mg/L												
2,4,6-Trinitrotoluene		mg/L												
2,4-Dinitrotoluene		mg/L												

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW02		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3001			YP3001			YP3015			YP3002		
		Sample Date:	26-JUL-01			26-JUL-01			21-OCT-02			27-JUL-01		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS														
SW8330														
2,6-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
2-Amino-4,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
2-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
3-Nitrotoluene		mg/L	.0006	U	U	.0006	U	U				.0006	U	U
4-Amino-2,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
HMX		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
Nitrobenzene		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
RDX		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
Tetryl		mg/L	.0004	U	U	.0004	U	U				.0004	U	U
p-Nitrotoluene		mg/L	.0006	U	U	.0006	U	U				.0006	U	U
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/L	.01	U	U	.01	U	U				.01	U	U
1,2-Dichlorobenzene		mg/L	.01	U	U	.01	U	U				.01	U	U
1,3-Dichlorobenzene		mg/L	.01	U	U	.01	U	U				.01	U	U
1,4-Dichlorobenzene		mg/L	.01	U	U	.01	U	U				.01	U	U
2,4,5-Trichlorophenol		mg/L	.01	U	U	.01	U	U				.01	U	U
2,4,6-Trichlorophenol		mg/L	.025	U	U	.025	U	U				.026	U	U
2,4-Dichlorophenol		mg/L	.01	U	U	.01	U	U				.01	U	U
2,4-Dimethylphenol		mg/L	.01	U	U	.01	U	U				.01	U	U
2,4-Dinitrophenol		mg/L	.025	U	U	.025	U	U				.026	U	U
2,4-Dinitrotoluene		mg/L	.01	U	U	.01	U	U				.01	U	U
2,6-Dinitrotoluene		mg/L	.01	U	U	.01	U	U				.01	U	U
2-Chloronaphthalene		mg/L	.01	U	U	.01	U	U				.01	U	U
2-Chlorophenol		mg/L	.01	U	U	.01	U	U				.01	U	U
2-Methylnaphthalene		mg/L	.01	U	U	.01	U	U				.01	U	U
2-Methylphenol		mg/L	.01	U	U	.01	U	U				.01	U	U
2-Nitroaniline		mg/L	.025	U	U	.025	U	U				.026	U	U
2-Nitrophenol		mg/L	.01	U	U	.01	U	U				.01	U	U
3,3'-Dichlorobenzidine		mg/L	.025	U	U	.025	U	U				.026	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3003			YP3004			YP3014			YP3017		
	Sample Date:		21-MAY-01			21-MAY-01			22-MAY-02			08-OCT-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS														
SW8330														
2,6-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U						
2-Amino-4,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U						
2-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U						
3-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U						
4-Amino-2,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U						
HMX		mg/L	.001	U	UJ	.001	U	UJ						
Nitrobenzene		mg/L	.0004	U	U	.0004	U	U						
RDX		mg/L	.0004	U	U	.0004	U	U						
Tetryl		mg/L	.0004	U	UJ	.0004	U	UJ						
p-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U						
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/L	.0095	U	U	.0099	U	U						
1,2-Dichlorobenzene		mg/L	.0095	U	U	.0099	U	U						
1,3-Dichlorobenzene		mg/L	.0095	U	U	.0099	U	U						
1,4-Dichlorobenzene		mg/L	.0095	U	UJ	.0099	U	UJ						
2,4,5-Trichlorophenol		mg/L	.0095	U	U	.0099	U	U						
2,4,6-Trichlorophenol		mg/L	.024	U	U	.025	U	U						
2,4-Dichlorophenol		mg/L	.0095	U	U	.0099	U	U						
2,4-Dimethylphenol		mg/L	.0095	U	U	.0099	U	U						
2,4-Dinitrophenol		mg/L	.024	U	U	.025	U	U						
2,4-Dinitrotoluene		mg/L	.0095	U	U	.0099	U	U						
2,6-Dinitrotoluene		mg/L	.0095	U	U	.0099	U	U						
2-Chloronaphthalene		mg/L	.0095	U	U	.0099	U	U						
2-Chlorophenol		mg/L	.0095	U	U	.0099	U	U						
2-Methylnaphthalene		mg/L	.0095	U	U	.0099	U	U						
2-Methylphenol		mg/L	.0095	U	U	.0099	U	U						
2-Nitroaniline		mg/L	.024	U	UJ	.025	U	UJ						
2-Nitrophenol		mg/L	.0095	U	U	.0099	U	U						
3,3'-Dichlorobenzidine		mg/L	.024	U	U	.025	U	U						

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW04			HR-130Q-MW04			HR-130Q-MW05			HR-130Q-MW05		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3006			YP3019			YP3007			YP3020		
		Sample Date:	27-JUL-01			16-OCT-02			03-MAY-01			17-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS														
SW8330														
2,6-Dinitrotoluene		mg/L	.0004	U	U				.0004	U	U			
2-Amino-4,6-dinitrotoluene		mg/L	.0004	U	U				.0004	U	U			
2-Nitrotoluene		mg/L	.0004	U	U				.0004	U	U			
3-Nitrotoluene		mg/L	.0006	U	U				.0004	U	U			
4-Amino-2,6-dinitrotoluene		mg/L	.0004	U	U				.0004	U	U			
HMX		mg/L	.0004	U	U				.001	U	UJ			
Nitrobenzene		mg/L	.0004	U	U				.0004	U	U			
RDX		mg/L	.0004	U	U				.0004	U	U			
Tetryl		mg/L	.0004	U	U				.0004	U	UJ			
p-Nitrotoluene		mg/L	.0006	U	U				.0004	U	U			
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/L	.01	U	U				.0097	U	U			
1,2-Dichlorobenzene		mg/L	.01	U	U				.0097	U	U			
1,3-Dichlorobenzene		mg/L	.01	U	U				.0097	U	U			
1,4-Dichlorobenzene		mg/L	.01	U	U				.0097	U	U			
2,4,5-Trichlorophenol		mg/L	.01	U	U				.0097	U	U			
2,4,6-Trichlorophenol		mg/L	.025	U	U				.024	U	U			
2,4-Dichlorophenol		mg/L	.01	U	U				.0097	U	U			
2,4-Dimethylphenol		mg/L	.01	U	U				.0097	U	U			
2,4-Dinitrophenol		mg/L	.025	U	U				.024	U	U			
2,4-Dinitrotoluene		mg/L	.01	U	U				.0097	U	U			
2,6-Dinitrotoluene		mg/L	.01	U	U				.0097	U	U			
2-Chloronaphthalene		mg/L	.01	U	U				.0097	U	U			
2-Chlorophenol		mg/L	.01	U	U				.0097	U	U			
2-Methylnaphthalene		mg/L	.01	U	U				.0097	U	U			
2-Methylphenol		mg/L	.01	U	U				.0097	U	U			
2-Nitroaniline		mg/L	.025	U	U				.024	U	U			
2-Nitrophenol		mg/L	.01	U	U				.0097	U	U			
3,3'-Dichlorobenzidine		mg/L	.025	U	U				.024	U	U			

		Location Code:	HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW07		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3008			YP3018			YP3021			YP3009		
		Sample Date:	21-MAY-02			09-OCT-02			09-OCT-02			24-MAY-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS														
SW8330														
2,6-Dinitrotoluene		mg/L												
2-Amino-4,6-dinitrotoluene		mg/L												
2-Nitrotoluene		mg/L												
3-Nitrotoluene		mg/L												
4-Amino-2,6-dinitrotoluene		mg/L												
HMX		mg/L												
Nitrobenzene		mg/L												
RDX		mg/L												
Tetryl		mg/L												
p-Nitrotoluene		mg/L												
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/L												
1,2-Dichlorobenzene		mg/L												
1,3-Dichlorobenzene		mg/L												
1,4-Dichlorobenzene		mg/L												
2,4,5-Trichlorophenol		mg/L												
2,4,6-Trichlorophenol		mg/L												
2,4-Dichlorophenol		mg/L												
2,4-Dimethylphenol		mg/L												
2,4-Dinitrophenol		mg/L												
2,4-Dinitrotoluene		mg/L												
2,6-Dinitrotoluene		mg/L												
2-Chloronaphthalene		mg/L												
2-Chlorophenol		mg/L												
2-Methylnaphthalene		mg/L												
2-Methylphenol		mg/L												
2-Nitroaniline		mg/L												
2-Nitrophenol		mg/L												
3,3'-Dichlorobenzidine		mg/L												

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW07			HR-130Q-MW07			HR-130Q-MW08			HR-130Q-MW08		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3010			YP3022			YP3011			YP3023		
		Sample Date:	24-MAY-02			10-OCT-02			16-MAY-02			07-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS														
SW8330														
2,6-Dinitrotoluene		mg/L												
2-Amino-4,6-dinitrotoluene		mg/L												
2-Nitrotoluene		mg/L												
3-Nitrotoluene		mg/L												
4-Amino-2,6-dinitrotoluene		mg/L												
HMX		mg/L												
Nitrobenzene		mg/L												
RDX		mg/L												
Tetryl		mg/L												
p-Nitrotoluene		mg/L												
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/L												
1,2-Dichlorobenzene		mg/L												
1,3-Dichlorobenzene		mg/L												
1,4-Dichlorobenzene		mg/L												
2,4,5-Trichlorophenol		mg/L												
2,4,6-Trichlorophenol		mg/L												
2,4-Dichlorophenol		mg/L												
2,4-Dimethylphenol		mg/L												
2,4-Dinitrophenol		mg/L												
2,4-Dinitrotoluene		mg/L												
2,6-Dinitrotoluene		mg/L												
2-Chloronaphthalene		mg/L												
2-Chlorophenol		mg/L												
2-Methylnaphthalene		mg/L												
2-Methylphenol		mg/L												
2-Nitroaniline		mg/L												
2-Nitrophenol		mg/L												
3,3'-Dichlorobenzidine		mg/L												

		Location Code:	HR-130Q-MW09			HR-130Q-MW09			HR-130Q-MW10			HR-130Q-MW10		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3012			YP3024			YP3013			YP3025		
		Sample Date:	15-MAY-02			07-OCT-02			15-MAY-02			18-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS														
SW8330														
2,6-Dinitrotoluene		mg/L												
2-Amino-4,6-dinitrotoluene		mg/L												
2-Nitrotoluene		mg/L												
3-Nitrotoluene		mg/L												
4-Amino-2,6-dinitrotoluene		mg/L												
HMX		mg/L												
Nitrobenzene		mg/L												
RDX		mg/L												
Tetryl		mg/L												
p-Nitrotoluene		mg/L												
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/L												
1,2-Dichlorobenzene		mg/L												
1,3-Dichlorobenzene		mg/L												
1,4-Dichlorobenzene		mg/L												
2,4,5-Trichlorophenol		mg/L												
2,4,6-Trichlorophenol		mg/L												
2,4-Dichlorophenol		mg/L												
2,4-Dimethylphenol		mg/L												
2,4-Dinitrophenol		mg/L												
2,4-Dinitrotoluene		mg/L												
2,6-Dinitrotoluene		mg/L												
2-Chloronaphthalene		mg/L												
2-Chlorophenol		mg/L												
2-Methylnaphthalene		mg/L												
2-Methylphenol		mg/L												
2-Nitroaniline		mg/L												
2-Nitrophenol		mg/L												
3,3'-Dichlorobenzidine		mg/L												

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW02		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3001			YP3001			YP3015			YP3002		
		Sample Date:	26-JUL-01			26-JUL-01			21-OCT-02			27-JUL-01		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
3-Nitroaniline		mg/L	.025	U	U	.025	U	U				.026	U	U
4,6-Dinitro-2-methylphenol		mg/L	.025	U	U	.025	U	U				.026	U	U
4-Bromophenyl phenyl ether		mg/L	.01	U	U	.01	U	U				.01	U	U
4-Chloro-3-methylphenol		mg/L	.01	U	U	.01	U	U				.01	U	U
4-Chloroaniline		mg/L	.01	U	U	.01	U	U				.01	U	U
4-Chlorophenyl phenyl ether		mg/L	.01	U	U	.01	U	U				.01	U	U
4-Methylphenol		mg/L	.01	U	U	.01	U	U				.01	U	U
4-Nitroaniline		mg/L	.01	U	U	.01	U	U				.01	U	U
4-Nitrophenol		mg/L	.025	U	U	.025	U	U				.026	U	U
Acenaphthene		mg/L	.01	U	U	.01	U	U				.01	U	U
Acenaphthylene		mg/L	.01	U	U	.01	U	U				.01	U	U
Anthracene		mg/L	.01	U	U	.01	U	U				.01	U	U
Benzo(a)anthracene		mg/L	.01	U	U	.01	U	U				.01	U	U
Benzo(a)pyrene		mg/L	.01	U	U	.01	U	U				.01	U	U
Benzo(b)fluoranthene		mg/L	.01	U	U	.01	U	U				.01	U	U
Benzo(ghi)perylene		mg/L	.01	U	U	.01	U	U				.01	U	U
Benzo(k)fluoranthene		mg/L	.01	U	U	.01	U	U				.01	U	U
Bis(2-Chloroethoxy)methane		mg/L	.01	U	U	.01	U	U				.01	U	U
Bis(2-Chloroethyl)ether		mg/L	.01	U	U	.01	U	U				.01	U	U
Bis(2-Chloroisopropyl)ether		mg/L	.01	U	U	.01	U	U				.01	U	U
Bis(2-Ethylhexyl)phthalate		mg/L	.01	U	U	.01	U	U				.01	U	U
Butyl benzyl phthalate		mg/L	.01	U	U	.01	U	U				.01	U	U
Carbazole		mg/L	.01	U	U	.01	U	U				.01	U	U
Chrysene		mg/L	.01	U	U	.01	U	U				.01	U	U
Di-n-butyl phthalate		mg/L	.01	U	U	.01	U	U				.01	U	U
Di-n-octyl phthalate		mg/L	.01	U	U	.01	U	U				.01	U	U
Dibenz(a,h)anthracene		mg/L	.01	U	U	.01	U	U				.01	U	U
Dibenzofuran		mg/L	.01	U	U	.01	U	U				.01	U	U
Diethyl phthalate		mg/L	.01	U	U	.01	U	U				.01	U	U
Dimethyl phthalate		mg/L	.01	U	U	.01	U	U				.01	U	U
Fluoranthene		mg/L	.01	U	U	.01	U	U				.01	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3003			YP3004			YP3014			YP3017		
	Sample Date:		21-MAY-01			21-MAY-01			22-MAY-02			08-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
3-Nitroaniline		mg/L	.024	U	U	.025	U	U						
4,6-Dinitro-2-methylphenol		mg/L	.024	U	UJ	.025	U	UJ						
4-Bromophenyl phenyl ether		mg/L	.0095	U	U	.0099	U	U						
4-Chloro-3-methylphenol		mg/L	.0095	U	U	.0099	U	U						
4-Chloroaniline		mg/L	.0095	U	U	.0099	U	U						
4-Chlorophenyl phenyl ether		mg/L	.0095	U	U	.0099	U	U						
4-Methylphenol		mg/L	.0095	U	U	.0099	U	U						
4-Nitroaniline		mg/L	.0095	U	U	.0099	U	U						
4-Nitrophenol		mg/L	.024	U	U	.025	U	U						
Acenaphthene		mg/L	.0095	U	U	.0099	U	U						
Acenaphthylene		mg/L	.0095	U	U	.0099	U	U						
Anthracene		mg/L	.0095	U	U	.0099	U	U						
Benzo(a)anthracene		mg/L	.0095	U	U	.0099	U	U						
Benzo(a)pyrene		mg/L	.0095	U	U	.0099	U	U						
Benzo(b)fluoranthene		mg/L	.0095	U	U	.0099	U	U						
Benzo(ghi)perylene		mg/L	.0095	U	U	.0099	U	U						
Benzo(k)fluoranthene		mg/L	.0095	U	U	.0099	U	U						
Bis(2-Chloroethoxy)methane		mg/L	.0095	U	U	.0099	U	U						
Bis(2-Chloroethyl)ether		mg/L	.0095	U	U	.0099	U	U						
Bis(2-Chloroisopropyl)ether		mg/L	.0095	U	UJ	.0099	U	UJ						
Bis(2-Ethylhexyl)phthalate		mg/L	.0095	U	U	.018		B						
Butyl benzyl phthalate		mg/L	.0095	U	U	.0099	U	U						
Carbazole		mg/L	.0095	U	U	.0099	U	U						
Chrysene		mg/L	.0095	U	U	.0099	U	U						
Di-n-butyl phthalate		mg/L	.0095	U	U	.0099	U	U						
Di-n-octyl phthalate		mg/L	.0095	U	U	.0099	U	U						
Dibenz(a,h)anthracene		mg/L	.0095	U	U	.0099	U	U						
Dibenzofuran		mg/L	.0095	U	U	.0099	U	U						
Diethyl phthalate		mg/L	.0095	U	U	.0099	U	U						
Dimethyl phthalate		mg/L	.0095	U	U	.0099	U	U						
Fluoranthene		mg/L	.0095	U	U	.0099	U	U						

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW04			HR-130Q-MW04			HR-130Q-MW05			HR-130Q-MW05		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3006			YP3019			YP3007			YP3020		
	Sample Date:		27-JUL-01			16-OCT-02			03-MAY-01			17-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
3-Nitroaniline		mg/L	.025	U	U				.024	U	U			
4,6-Dinitro-2-methylphenol		mg/L	.025	U	U				.024	U	U			
4-Bromophenyl phenyl ether		mg/L	.01	U	U				.0097	U	U			
4-Chloro-3-methylphenol		mg/L	.01	U	U				.0097	U	U			
4-Chloroaniline		mg/L	.01	U	U				.0097	U	U			
4-Chlorophenyl phenyl ether		mg/L	.01	U	U				.0097	U	U			
4-Methylphenol		mg/L	.01	U	U				.0097	U	U			
4-Nitroaniline		mg/L	.01	U	U				.0097	U	U			
4-Nitrophenol		mg/L	.025	U	U				.024	U	U			
Acenaphthene		mg/L	.01	U	U				.0097	U	U			
Acenaphthylene		mg/L	.01	U	U				.0097	U	U			
Anthracene		mg/L	.01	U	U				.0097	U	U			
Benzo(a)anthracene		mg/L	.01	U	U				.0097	U	U			
Benzo(a)pyrene		mg/L	.01	U	U				.0097	U	U			
Benzo(b)fluoranthene		mg/L	.01	U	U				.0097	U	U			
Benzo(ghi)perylene		mg/L	.01	U	U				.0097	U	U			
Benzo(k)fluoranthene		mg/L	.01	U	U				.0097	U	U			
Bis(2-Chloroethoxy)methane		mg/L	.01	U	U				.0097	U	U			
Bis(2-Chloroethyl)ether		mg/L	.01	U	U				.0097	U	U			
Bis(2-Chloroisopropyl)ether		mg/L	.01	U	U				.0097	U	U			
Bis(2-Ethylhexyl)phthalate		mg/L	.01	U	U				.0097	U	U			
Butyl benzyl phthalate		mg/L	.01	U	U				.0097	U	U			
Carbazole		mg/L	.01	U	U				.0097	U	U			
Chrysene		mg/L	.01	U	U				.0097	U	U			
Di-n-butyl phthalate		mg/L	.01	U	U				.0097	U	U			
Di-n-octyl phthalate		mg/L	.01	U	U				.0097	U	U			
Dibenz(a,h)anthracene		mg/L	.01	U	U				.0097	U	U			
Dibenzofuran		mg/L	.01	U	U				.0097	U	U			
Diethyl phthalate		mg/L	.01	U	U				.0097	U	U			
Dimethyl phthalate		mg/L	.01	U	U				.0097	U	U			
Fluoranthene		mg/L	.01	U	U				.0097	U	U			

		Location Code:	HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW07		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3008			YP3018			YP3021			YP3009		
		Sample Date:	21-MAY-02			09-OCT-02			09-OCT-02			24-MAY-02		
User Test Group / *Lab Method*	*Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES															
SW8270C															
	3-Nitroaniline		mg/L												
	4,6-Dinitro-2-methylphenol		mg/L												
	4-Bromophenyl phenyl ether		mg/L												
	4-Chloro-3-methylphenol		mg/L												
	4-Chloroaniline		mg/L												
	4-Chlorophenyl phenyl ether		mg/L												
	4-Methylphenol		mg/L												
	4-Nitroaniline		mg/L												
	4-Nitrophenol		mg/L												
	Acenaphthene		mg/L												
	Acenaphthylene		mg/L												
	Anthracene		mg/L												
	Benzo(a)anthracene		mg/L												
	Benzo(a)pyrene		mg/L												
	Benzo(b)fluoranthene		mg/L												
	Benzo(ghi)perylene		mg/L												
	Benzo(k)fluoranthene		mg/L												
	Bis(2-Chloroethoxy)methane		mg/L												
	Bis(2-Chloroethyl)ether		mg/L												
	Bis(2-Chloroisopropyl)ether		mg/L												
	Bis(2-Ethylhexyl)phthalate		mg/L												
	Butyl benzyl phthalate		mg/L												
	Carbazole		mg/L												
	Chrysene		mg/L												
	Di-n-butyl phthalate		mg/L												
	Di-n-octyl phthalate		mg/L												
	Dibenz(a,h)anthracene		mg/L												
	Dibenzofuran		mg/L												
	Diethyl phthalate		mg/L												
	Dimethyl phthalate		mg/L												
	Fluoranthene		mg/L												

		Location Code:	HR-130Q-MW07			HR-130Q-MW07			HR-130Q-MW08			HR-130Q-MW08		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3010			YP3022			YP3011			YP3023		
		Sample Date:	24-MAY-02			10-OCT-02			16-MAY-02			07-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
3-Nitroaniline		mg/L												
4,6-Dinitro-2-methylphenol		mg/L												
4-Bromophenyl phenyl ether		mg/L												
4-Chloro-3-methylphenol		mg/L												
4-Chloroaniline		mg/L												
4-Chlorophenyl phenyl ether		mg/L												
4-Methylphenol		mg/L												
4-Nitroaniline		mg/L												
4-Nitrophenol		mg/L												
Acenaphthene		mg/L												
Acenaphthylene		mg/L												
Anthracene		mg/L												
Benzo(a)anthracene		mg/L												
Benzo(a)pyrene		mg/L												
Benzo(b)fluoranthene		mg/L												
Benzo(ghi)perylene		mg/L												
Benzo(k)fluoranthene		mg/L												
Bis(2-Chloroethoxy)methane		mg/L												
Bis(2-Chloroethyl)ether		mg/L												
Bis(2-Chloroisopropyl)ether		mg/L												
Bis(2-Ethylhexyl)phthalate		mg/L												
Butyl benzyl phthalate		mg/L												
Carbazole		mg/L												
Chrysene		mg/L												
Di-n-butyl phthalate		mg/L												
Di-n-octyl phthalate		mg/L												
Dibenz(a,h)anthracene		mg/L												
Dibenzofuran		mg/L												
Diethyl phthalate		mg/L												
Dimethyl phthalate		mg/L												
Fluoranthene		mg/L												

		Location Code:	HR-130Q-MW09			HR-130Q-MW09			HR-130Q-MW10			HR-130Q-MW10		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3012			YP3024			YP3013			YP3025		
		Sample Date:	15-MAY-02			07-OCT-02			15-MAY-02			18-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
3-Nitroaniline		mg/L												
4,6-Dinitro-2-methylphenol		mg/L												
4-Bromophenyl phenyl ether		mg/L												
4-Chloro-3-methylphenol		mg/L												
4-Chloroaniline		mg/L												
4-Chlorophenyl phenyl ether		mg/L												
4-Methylphenol		mg/L												
4-Nitroaniline		mg/L												
4-Nitrophenol		mg/L												
Acenaphthene		mg/L												
Acenaphthylene		mg/L												
Anthracene		mg/L												
Benzo(a)anthracene		mg/L												
Benzo(a)pyrene		mg/L												
Benzo(b)fluoranthene		mg/L												
Benzo(ghi)perylene		mg/L												
Benzo(k)fluoranthene		mg/L												
Bis(2-Chloroethoxy)methane		mg/L												
Bis(2-Chloroethyl)ether		mg/L												
Bis(2-Chloroisopropyl)ether		mg/L												
Bis(2-Ethylhexyl)phthalate		mg/L												
Butyl benzyl phthalate		mg/L												
Carbazole		mg/L												
Chrysene		mg/L												
Di-n-butyl phthalate		mg/L												
Di-n-octyl phthalate		mg/L												
Dibenz(a,h)anthracene		mg/L												
Dibenzofuran		mg/L												
Diethyl phthalate		mg/L												
Dimethyl phthalate		mg/L												
Fluoranthene		mg/L												

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW02		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3001			YP3001			YP3015			YP3002		
	Sample Date:		26-JUL-01			26-JUL-01			21-OCT-02			27-JUL-01		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
Fluorene		mg/L	.01	U	U	.01	U	U				.01	U	U
Hexachlorobenzene		mg/L	.01	U	U	.01	U	U				.01	U	U
Hexachlorobutadiene		mg/L	.01	U	U	.01	U	U				.01	U	U
Hexachlorocyclopentadiene		mg/L	.01	U	U	.01	U	U				.01	U	U
Hexachloroethane		mg/L	.01	U	U	.01	U	U				.01	U	U
Indeno(1,2,3-cd)pyrene		mg/L	.01	U	U	.01	U	U				.01	U	U
Isophorone		mg/L	.01	U	U	.01	U	U				.01	U	U
N-Nitroso-di-n-propylamine		mg/L	.01	U	U	.01	U	U				.01	U	U
N-Nitrosodiphenylamine		mg/L	.01	U	U	.01	U	U				.01	U	U
Naphthalene		mg/L	.01	U	U	.01	U	U				.01	U	U
Nitrobenzene		mg/L	.01	U	U	.01	U	U				.01	U	U
Pentachlorophenol		mg/L	.025	U	U	.025	U	U				.026	U	U
Phenanthrene		mg/L	.01	U	U	.01	U	U				.01	U	U
Phenol		mg/L	.01	U	U	.01	U	U				.01	U	U
Pyrene		mg/L	.01	U	U	.01	U	U				.01	U	U
VOLATILES														
SW8260B														
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	U	.002	U	U	.002	U	R	.002	U	U
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3003			YP3004			YP3014			YP3017		
	Sample Date:		21-MAY-01			21-MAY-01			22-MAY-02			08-OCT-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
Fluorene		mg/L	.0095	U	U	.0099	U	U						
Hexachlorobenzene		mg/L	.0095	U	U	.0099	U	U						
Hexachlorobutadiene		mg/L	.0095	U	U	.0099	U	U						
Hexachlorocyclopentadiene		mg/L	.0095	U	U	.0099	U	U						
Hexachloroethane		mg/L	.0095	U	U	.0099	U	U						
Indeno(1,2,3-cd)pyrene		mg/L	.0095	U	U	.0099	U	U						
Isophorone		mg/L	.0095	U	U	.0099	U	U						
N-Nitroso-di-n-propylamine		mg/L	.0095	U	UJ	.0099	U	UJ						
N-Nitrosodiphenylamine		mg/L	.0095	U	U	.0099	U	U						
Naphthalene		mg/L	.0095	U	U	.0099	U	U						
Nitrobenzene		mg/L	.0095	U	U	.0099	U	U						
Pentachlorophenol		mg/L	.024	U	U	.025	U	U						
Phenanthrene		mg/L	.0095	U	U	.0099	U	U						
Phenol		mg/L	.0095	U	U	.0099	U	U						
Pyrene		mg/L	.0095	U	U	.0099	U	U						
VOLATILES														
SW8260B														
1,1,1,2-Tetrachloroethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
1,1,1-Trichloroethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,1,2-Trichloroethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
1,1-Dichloroethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.01	U	U	.01	U	U	.002	U	U	.002	U	U
1,2-Dibromoethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW04			HR-130Q-MW04			HR-130Q-MW05			HR-130Q-MW05		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3006			YP3019			YP3007			YP3020		
		Sample Date:	27-JUL-01			16-OCT-02			03-MAY-01			17-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
Fluorene		mg/L	.01	U	U				.0097	U	U			
Hexachlorobenzene		mg/L	.01	U	U				.0097	U	U			
Hexachlorobutadiene		mg/L	.01	U	U				.0097	U	U			
Hexachlorocyclopentadiene		mg/L	.01	U	U				.0097	U	U			
Hexachloroethane		mg/L	.01	U	U				.0097	U	U			
Indeno(1,2,3-cd)pyrene		mg/L	.01	U	U				.0097	U	U			
Isophorone		mg/L	.01	U	U				.0097	U	U			
N-Nitroso-di-n-propylamine		mg/L	.01	U	U				.0097	U	U			
N-Nitrosodiphenylamine		mg/L	.01	U	U				.0097	U	U			
Naphthalene		mg/L	.01	U	U				.0097	U	U			
Nitrobenzene		mg/L	.01	U	U				.0097	U	U			
Pentachlorophenol		mg/L	.025	U	U				.024	U	U			
Phenanthrene		mg/L	.01	U	U				.0097	U	U			
Phenol		mg/L	.01	U	U				.0097	U	U			
Pyrene		mg/L	.01	U	U				.0097	U	U			
VOLATILES														
SW8260B														
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.58			.75		
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	UJ
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	UJ
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	U	.002	U	R	.01	U	U	.002	U	U
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW07		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3008			YP3018			YP3021			YP3009		
	Sample Date:		21-MAY-02			09-OCT-02			09-OCT-02			24-MAY-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
Fluorene		mg/L												
Hexachlorobenzene		mg/L												
Hexachlorobutadiene		mg/L												
Hexachlorocyclopentadiene		mg/L												
Hexachloroethane		mg/L												
Indeno(1,2,3-cd)pyrene		mg/L												
Isophorone		mg/L												
N-Nitroso-di-n-propylamine		mg/L												
N-Nitrosodiphenylamine		mg/L												
Naphthalene		mg/L												
Nitrobenzene		mg/L												
Pentachlorophenol		mg/L												
Phenanthrene		mg/L												
Phenol		mg/L												
Pyrene		mg/L												
VOLATILES														
SW8260B														
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	U	.002	U	R	.002	U	R	.002	U	U
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

		Location Code:	HR-130Q-MW07			HR-130Q-MW07			HR-130Q-MW08			HR-130Q-MW08		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3010			YP3022			YP3011			YP3023		
		Sample Date:	24-MAY-02			10-OCT-02			16-MAY-02			07-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
Fluorene		mg/L												
Hexachlorobenzene		mg/L												
Hexachlorobutadiene		mg/L												
Hexachlorocyclopentadiene		mg/L												
Hexachloroethane		mg/L												
Indeno(1,2,3-cd)pyrene		mg/L												
Isophorone		mg/L												
N-Nitroso-di-n-propylamine		mg/L												
N-Nitrosodiphenylamine		mg/L												
Naphthalene		mg/L												
Nitrobenzene		mg/L												
Pentachlorophenol		mg/L												
Phenanthrene		mg/L												
Phenol		mg/L												
Pyrene		mg/L												
VOLATILES														
SW8260B														
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.0042			.0089		
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	U	.002	U	R	.002	U	R	.002	U	U
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW09			HR-130Q-MW09			HR-130Q-MW10			HR-130Q-MW10		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3012			YP3024			YP3013			YP3025		
		Sample Date:	15-MAY-02			07-OCT-02			15-MAY-02			18-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
Fluorene		mg/L												
Hexachlorobenzene		mg/L												
Hexachlorobutadiene		mg/L												
Hexachlorocyclopentadiene		mg/L												
Hexachloroethane		mg/L												
Indeno(1,2,3-cd)pyrene		mg/L												
Isophorone		mg/L												
N-Nitroso-di-n-propylamine		mg/L												
N-Nitrosodiphenylamine		mg/L												
Naphthalene		mg/L												
Nitrobenzene		mg/L												
Pentachlorophenol		mg/L												
Phenanthrene		mg/L												
Phenol		mg/L												
Pyrene		mg/L												
VOLATILES														
SW8260B														
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	UJ	.001	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.005			.011		
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	UJ	.001	U	U	.001	U	U
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	R	.002	U	U	.002	U	R	.002	U	R
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	UJ	.001	U	U	.001	U	U

	Location Code:		HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW02		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3001			YP3001			YP3015			YP3002		
	Sample Date:		26-JUL-01			26-JUL-01			21-OCT-02			27-JUL-01		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	U
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U
2-Butanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
2-Hexanone		mg/L	.01	U	U	.01	U	U	.01	U	R	.01	U	U
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Acetone		mg/L	.01	U	R	.01	U	R	.0089	J	J	.01	U	R
Benzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromodichloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromoform		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon disulfide		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon tetrachloride		mg/L	.001	U	UJ	.001	U	UJ	.001	U	U	.001	U	UJ
Chlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroform		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloromethane		mg/L	.001	U	UJ	.001	U	UJ	.001	U	U	.001	U	UJ
Cis-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Cumene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dibromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dibromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dichlorodifluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	U
Ethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3003			YP3004			YP3014			YP3017		
	Sample Date:		21-MAY-01			21-MAY-01			22-MAY-02			08-OCT-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
1,2-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
1,2-Dichloropropane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
1,3-Dichloropropane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U
2-Butanone		mg/L	.02	U	U	.02	U	U	.01	U	R	.01	U	R
2-Hexanone		mg/L	.02	U	U	.02	U	U	.01	U	U	.01	U	R
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	UJ
Acetone		mg/L	.01	J	J	.02	U	U	.01	U	R	.01	U	UJ
Benzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Bromobenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Bromochloromethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
Bromodichloromethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
Bromoform		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Bromomethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Carbon disulfide		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Carbon tetrachloride		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Chlorobenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Chloroethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Chloroform		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Chloromethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Cis-1,2-Dichloroethene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Cis-1,3-Dichloropropene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
Cumene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Dibromochloromethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
Dibromomethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
Dichlorodifluoromethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Ethylbenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW04			HR-130Q-MW04			HR-130Q-MW05			HR-130Q-MW05		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3006			YP3019			YP3007			YP3020		
	Sample Date:		27-JUL-01			16-OCT-02			03-MAY-01			17-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U
2-Butanone		mg/L	.01	U	R	.01	U	R	.02	U	U	.01	U	R
2-Hexanone		mg/L	.01	U	U	.01	U	R	.02	U	UJ	.01	U	R
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	U	.01	U	UJ	.01	U	U
Acetone		mg/L	.01	U	R	.01	U	R	.02	U	U	.01	U	U
Benzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Bromobenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Bromochloromethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Bromodichloromethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Bromoform		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Bromomethane		mg/L	.001	U	U	.001	U	U	.005	U	UJ	.001	U	U
Carbon disulfide		mg/L	.001	U	U	.001	U	UJ	.005	U	UJ	.001	U	U
Carbon tetrachloride		mg/L	.001	U	UJ	.001	U	U	.005	U	U	.001	U	U
Chlorobenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Chloroethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Chloroform		mg/L	.001	U	U	.001	U	U	.0014	J	J	.0012		
Chloromethane		mg/L	.001	U	UJ	.001	U	UJ	.005	U	U	.001	U	U
Cis-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Cumene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Dibromochloromethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Dibromomethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Dichlorodifluoromethane		mg/L	.001	U	U	.001	U	UJ	.005	U	UJ	.001	U	U
Ethylbenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW07		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3008			YP3018			YP3021			YP3009		
	Sample Date:		21-MAY-02			09-OCT-02			09-OCT-02			24-MAY-02		
User Test Group															
Lab Method															
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES															
SW8260B															
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U
2-Butanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
2-Hexanone		mg/L	.01	U	U	.01	U	R	.01	U	R	.01	U	U
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Acetone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
Benzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromodichloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromoform		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon disulfide		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon tetrachloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroform		mg/L	.001	U	U	.001	U	U	.001	U	U	.00051	J	J
Chloromethane		mg/L	.001	U	U	.001	U	UJ	.001	U	UJ	.001	U	U
Cis-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Cumene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dibromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dibromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dichlorodifluoromethane		mg/L	.001	U	U	.001	U	UJ	.001	U	UJ	.001	U	UJ
Ethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

	Location Code:		HR-130Q-MW07			HR-130Q-MW07			HR-130Q-MW08			HR-130Q-MW08		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3010			YP3022			YP3011			YP3023		
	Sample Date:		24-MAY-02			10-OCT-02			16-MAY-02			07-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	UJ
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U
2-Butanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
2-Hexanone		mg/L	.01	U	U	.01	U	R	.01	U	R	.01	U	R
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	UJ
Acetone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	UJ
Benzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
Bromodichloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
Bromoform		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	U
Bromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon disulfide		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon tetrachloride		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	U
Chlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroform		mg/L	.00052	J	J	.0004	J	J	.00038	J	J	.00083	J	J
Chloromethane		mg/L	.0012			.001	U	UJ	.001	U	U	.001	U	U
Cis-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
Cumene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dibromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	UJ
Dibromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
Dichlorodifluoromethane		mg/L	.001	U	UJ	.001	U	UJ	.001	U	U	.001	U	U
Ethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW09			HR-130Q-MW09			HR-130Q-MW10			HR-130Q-MW10		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3012			YP3024			YP3013			YP3025		
	Sample Date:		15-MAY-02			07-OCT-02			15-MAY-02			18-OCT-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	UJ	.001	U	UJ	.001	U	UJ	.001	U	UJ
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	UJ	.001	U	U	.001	U	U
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U
2-Butanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
2-Hexanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	UJ	.01	U	U	.01	U	U
Acetone		mg/L	.01	U	R	.01	U	UJ	.01	U	R	.0077	J	B
Benzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromochloromethane		mg/L	.001	U	U	.001	U	UJ	.001	U	U	.001	U	U
Bromodichloromethane		mg/L	.001	U	U	.001	U	UJ	.001	U	U	.001	U	U
Bromoform		mg/L	.001	U	UJ	.001	U	U	.001	U	UJ	.001	U	U
Bromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon disulfide		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon tetrachloride		mg/L	.001	U	UJ	.001	U	U	.001	U	UJ	.001	U	U
Chlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroform		mg/L	.001	U	U	.001	U	U	.001	U	U	.00024	J	J
Chloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Cis-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	UJ	.001	U	U	.001	U	U
Cumene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dibromochloromethane		mg/L	.001	U	UJ	.001	U	UJ	.001	U	UJ	.001	U	U
Dibromomethane		mg/L	.001	U	U	.001	U	UJ	.001	U	U	.001	U	U
Dichlorodifluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
Ethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW01			HR-130Q-MW02		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3001			YP3001			YP3015			YP3002		
		Sample Date:	26-JUL-01			26-JUL-01			21-OCT-02			27-JUL-01		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
Hexachlorobutadiene		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	U
Methylene chloride		mg/L	.002	U	U	.002	U	U	.002	U	U	.002	U	U
N-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
N-Propylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Naphthalene		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	U
Styrene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Toluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trans-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
m,p-Xylenes		mg/L	.002	U	U	.002	U	U	.002	U	U	.002	U	U
o-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Cymene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03			HR-130Q-MW03		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3003			YP3004			YP3014			YP3017		
		Sample Date:	21-MAY-01			21-MAY-01			22-MAY-02			08-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
Hexachlorobutadiene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Methylene chloride		mg/L	.0015	JB	B	.005	U	U	.002	U	U	.002	U	U
N-Butylbenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
N-Propylbenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Naphthalene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Styrene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Toluene		mg/L	.011			.005	U	U	.001	U	U	.001	U	U
Trans-1,2-Dichloroethene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Trans-1,3-Dichloropropene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	UJ
Trichloroethene		mg/L	.0012	J	J	.005	U	U	.001	U	U	.001	U	U
Trichlorofluoromethane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
Vinyl chloride		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
m,p-Xylenes		mg/L	.01	U	U	.01	U	U	.002	U	U	.002	U	U
o-Chlorotoluene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
p-Chlorotoluene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
p-Cymene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
sec-Butylbenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.005	U	U	.005	U	U	.001	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

	Location Code:		HR-130Q-MW04			HR-130Q-MW04			HR-130Q-MW05			HR-130Q-MW05		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3006			YP3019			YP3007			YP3020		
	Sample Date:		27-JUL-01			16-OCT-02			03-MAY-01			17-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
Hexachlorobutadiene		mg/L	.001	U	U	.001	U	UJ	.005	U	U	.001	U	U
Methylene chloride		mg/L	.002	U	U	.002	U	U	.005	U	U	.00022	J	B
N-Butylbenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
N-Propylbenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Naphthalene		mg/L	.001	U	U	.001	U	U	.005	U	UJ	.001	U	U
Styrene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	U	.001	U	U	.005	U	U	.0011		
Toluene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Trans-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Trichloroethene		mg/L	.001	U	U	.001	U	U	.1			.083		
Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
m,p-Xylenes		mg/L	.002	U	U	.002	U	U	.01	U	U	.002	U	U
o-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
p-Cymene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	UJ	.005	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U	.001	U	U	.005	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW06			HR-130Q-MW07		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3008			YP3018			YP3021			YP3009		
		Sample Date:	21-MAY-02			09-OCT-02			09-OCT-02			24-MAY-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
Hexachlorobutadiene		mg/L	.001	U	U	.001	U	UJ	.001	U	UJ	.001	U	U
Methylene chloride		mg/L	.002	U	U	.0002	J	B	.002	U	U	.002	U	U
N-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
N-Propylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Naphthalene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Styrene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Toluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trans-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
m,p-Xylenes		mg/L	.002	U	U	.002	U	U	.002	U	U	.002	U	U
o-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Cymene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

		Location Code:	HR-130Q-MW07			HR-130Q-MW07			HR-130Q-MW08			HR-130Q-MW08		
		Associated Site:	HR-130Q			HR-130Q			HR-130Q			HR-130Q		
		Sample No:	YP3010			YP3022			YP3011			YP3023		
		Sample Date:	24-MAY-02			10-OCT-02			16-MAY-02			07-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
Hexachlorobutadiene		mg/L	.001	U	U	.001	U	UJ	.001	U	U	.001	U	U
Methylene chloride		mg/L	.002	U	U	.002	U	U	.002	U	U	.00028	J	B
N-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
N-Propylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Naphthalene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Styrene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Toluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trans-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	UJ
Trichloroethene		mg/L	.001	U	U	.001	U	U	.00065	J	J	.0013		
Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
m,p-Xylenes		mg/L	.002	U	U	.002	U	U	.002	U	U	.002	U	U
o-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Cymene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Summary of Validated Groundwater Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:		HR-130Q-MW09			HR-130Q-MW09			HR-130Q-MW10			HR-130Q-MW10		
	Associated Site:		HR-130Q			HR-130Q			HR-130Q			HR-130Q		
	Sample No:		YP3012			YP3024			YP3013			YP3025		
	Sample Date:		15-MAY-02			07-OCT-02			15-MAY-02			18-OCT-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
Hexachlorobutadiene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
Methylene chloride		mg/L	.002	U	U	.002	U	U	.00021	J	B	.002	U	U
N-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
N-Propylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Naphthalene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
Styrene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Toluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trans-1,3-Dichloropropene		mg/L	.001	U	UJ	.001	U	UJ	.001	U	UJ	.001	U	U
Trichloroethene		mg/L	.001	U	U	.001	U	U	.0011			.0017		
Trichlorofluoromethane		mg/L	.001	U	UJ	.001	U	U	.001	U	UJ	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
m,p-Xylenes		mg/L	.002	U	U	.002	U	U	.002	U	U	.002	U	U
o-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Cymene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Summary of Validated Surface Water Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

		Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06		
		Associated Site:	HR-130Q			HR-130Q		
		Sample No:	YP2007			YP2008		
		Sample Date:	15-JAN-01			15-JAN-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS								
SW6010B								
Aluminum		mg/L	.382			.18	J	J
Antimony		mg/L	.1	U	U	.1	U	U
Arsenic		mg/L	.01	U	U	.01	U	U
Barium		mg/L	.0263			.0246		
Beryllium		mg/L	.001	U	U	.001	U	U
Cadmium		mg/L	.01	U	U	.01	U	U
Calcium		mg/L	20.2			19.4		
Chromium		mg/L	.01	U	U	.01	U	U
Cobalt		mg/L	.02	U	U	.02	U	U
Copper		mg/L	.02	U	U	.02	U	U
Iron		mg/L	2.93			2.81		
Lead		mg/L	.01	U	U	.00198	J	J
Magnesium		mg/L	1.28			1.13		
Manganese		mg/L	.195			.294		
Nickel		mg/L	.02	U	U	.02	U	U
Potassium		mg/L	5	U	U	5	U	U
Selenium		mg/L	.01	U	U	.01	U	U
Silver		mg/L	.01	U	U	.01	U	U
Sodium		mg/L	.88	J	J	.88	J	J
Thallium		mg/L	.01	U	U	.01	U	U
Vanadium		mg/L	.01	U	U	.01	U	U
Zinc		mg/L	.00847	J	J	.02	U	U
SW7470A								
Mercury		mg/L	.0005	U	U	.0005	U	U
NITROAROMATICS								
SW8330								
1,3,5-Trinitrobenzene		mg/L	.0004	U	U	.0004	U	U
1,3-Dinitrobenzene		mg/L	.0004	U	U	.0004	U	U
2,4,6-Trinitrotoluene		mg/L	.0004	U	U	.0004	U	U
2,4-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U

Summary of Validated Surface Water Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:		HR-130Q-SW/SD05			HR-130Q-SW/SD06		
	Associated Site:		HR-130Q			HR-130Q		
	Sample No:		YP2007			YP2008		
	Sample Date:		15-JAN-01			15-JAN-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS								
SW8330								
2,6-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U
2-Amino-4,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U
2-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U
3-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U
4-Amino-2,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U
HMX		mg/L	.001	U	U	.001	U	U
Nitrobenzene		mg/L	.0004	U	U	.0004	U	U
RDX		mg/L	.0004	U	U	.0004	U	U
Tetryl		mg/L	.0004	U	U	.0004	U	U
p-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U
SEMIVOLATILES								
SW8270C								
1,2,4-Trichlorobenzene		mg/L	.0094	U	U	.0099	U	U
1,2-Dichlorobenzene		mg/L	.0094	U	U	.0099	U	U
1,3-Dichlorobenzene		mg/L	.0094	U	U	.0099	U	U
1,4-Dichlorobenzene		mg/L	.0094	U	U	.0099	U	U
2,4,5-Trichlorophenol		mg/L	.0094	U	U	.0099	U	U
2,4,6-Trichlorophenol		mg/L	.024	U	U	.025	U	U
2,4-Dichlorophenol		mg/L	.0094	U	U	.0099	U	U
2,4-Dimethylphenol		mg/L	.0094	U	U	.0099	U	U
2,4-Dinitrophenol		mg/L	.024	U	U	.025	U	U
2,4-Dinitrotoluene		mg/L	.0094	U	U	.0099	U	U
2,6-Dinitrotoluene		mg/L	.0094	U	U	.0099	U	U
2-Chloronaphthalene		mg/L	.0094	U	U	.0099	U	U
2-Chlorophenol		mg/L	.0094	U	U	.0099	U	U
2-Methylnaphthalene		mg/L	.0094	U	U	.0099	U	U
2-Methylphenol		mg/L	.0094	U	U	.0099	U	U
2-Nitroaniline		mg/L	.024	U	U	.025	U	U
2-Nitrophenol		mg/L	.0094	U	U	.0099	U	U
3,3'-Dichlorobenzidine		mg/L	.024	U	U	.025	U	U

Summary of Validated Surface Water Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

		Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06		
		Associated Site:	HR-130Q			HR-130Q		
		Sample No:	YP2007			YP2008		
		Sample Date:	15-JAN-01			15-JAN-01		
User Test Group								
Lab Method								
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES								
SW8270C								
3-Nitroaniline		mg/L	.024	U	U	.025	U	U
4,6-Dinitro-2-methylphenol		mg/L	.024	U	U	.025	U	U
4-Bromophenyl phenyl ether		mg/L	.0094	U	U	.0099	U	U
4-Chloro-3-methylphenol		mg/L	.0094	U	U	.0099	U	U
4-Chloroaniline		mg/L	.0094	U	U	.0099	U	U
4-Chlorophenyl phenyl ether		mg/L	.0094	U	U	.0099	U	U
4-Methylphenol		mg/L	.0094	U	U	.0099	U	U
4-Nitroaniline		mg/L	.0094	U	U	.0099	U	U
4-Nitrophenol		mg/L	.024	U	U	.025	U	U
Acenaphthene		mg/L	.0094	U	U	.0099	U	U
Acenaphthylene		mg/L	.0094	U	U	.0099	U	U
Anthracene		mg/L	.0094	U	U	.0099	U	U
Benzo(a)anthracene		mg/L	.0094	U	U	.0099	U	U
Benzo(a)pyrene		mg/L	.0094	U	U	.0099	U	U
Benzo(b)fluoranthene		mg/L	.0094	U	U	.0099	U	U
Benzo(ghi)perylene		mg/L	.0094	U	U	.0099	U	U
Benzo(k)fluoranthene		mg/L	.0094	U	U	.0099	U	U
Bis(2-Chloroethoxy)methane		mg/L	.0094	U	U	.0099	U	U
Bis(2-Chloroethyl)ether		mg/L	.0094	U	U	.0099	U	U
Bis(2-Chloroisopropyl)ether		mg/L	.0094	U	U	.0099	U	U
Bis(2-Ethylhexyl)phthalate		mg/L	.0094	U	U	.0099	U	U
Butyl benzyl phthalate		mg/L	.0094	U	U	.0099	U	U
Carbazole		mg/L	.0094	U	U	.0099	U	U
Chrysene		mg/L	.0094	U	U	.0099	U	U
Di-n-butyl phthalate		mg/L	.0094	U	U	.0099	U	U
Di-n-octyl phthalate		mg/L	.0094	U	U	.0099	U	U
Dibenz(a,h)anthracene		mg/L	.0094	U	U	.0099	U	U
Dibenzofuran		mg/L	.0094	U	U	.0099	U	U
Diethyl phthalate		mg/L	.0094	U	U	.0099	U	U
Dimethyl phthalate		mg/L	.0094	U	U	.0099	U	U
Fluoranthene		mg/L	.0094	U	U	.0099	U	U

Summary of Validated Surface Water Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:		HR-130Q-SW/SD05			HR-130Q-SW/SD06		
	Associated Site:		HR-130Q			HR-130Q		
	Sample No:		YP2007			YP2008		
	Sample Date:		15-JAN-01			15-JAN-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES								
SW8270C								
Fluorene		mg/L	.0094	U	U	.0099	U	U
Hexachlorobenzene		mg/L	.0094	U	U	.0099	U	U
Hexachlorobutadiene		mg/L	.0094	U	U	.0099	U	U
Hexachlorocyclopentadiene		mg/L	.0094	U	U	.0099	U	U
Hexachloroethane		mg/L	.0094	U	U	.0099	U	U
Indeno(1,2,3-cd)pyrene		mg/L	.0094	U	U	.0099	U	U
Isophorone		mg/L	.0094	U	U	.0099	U	U
N-Nitroso-di-n-propylamine		mg/L	.0094	U	U	.0099	U	U
N-Nitrosodiphenylamine		mg/L	.0094	U	U	.0099	U	U
Naphthalene		mg/L	.0094	U	U	.0099	U	U
Nitrobenzene		mg/L	.0094	U	U	.0099	U	U
Pentachlorophenol		mg/L	.024	U	U	.025	U	U
Phenanthrene		mg/L	.0094	U	U	.0099	U	U
Phenol		mg/L	.0094	U	U	.0099	U	U
Pyrene		mg/L	.0094	U	U	.0099	U	U
VOLATILES								
SW8260B								
1,1,1,2-Tetrachloroethane		mg/L	.005	U	U	.005	U	U
1,1,1-Trichloroethane		mg/L	.005	U	U	.005	U	U
1,1,2,2-Tetrachloroethane		mg/L	.005	U	U	.005	U	U
1,1,2-Trichloroethane		mg/L	.005	U	U	.005	U	U
1,1-Dichloroethane		mg/L	.005	U	U	.005	U	U
1,1-Dichloroethene		mg/L	.005	U	U	.005	U	U
1,1-Dichloropropene		mg/L	.005	U	U	.005	U	U
1,2,3-Trichlorobenzene		mg/L	.005	U	U	.005	U	U
1,2,3-Trichloropropane		mg/L	.005	U	U	.005	U	U
1,2,4-Trichlorobenzene		mg/L	.005	U	U	.005	U	U
1,2,4-Trimethylbenzene		mg/L	.005	U	U	.005	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.01	U	U	.01	U	U
1,2-Dibromoethane		mg/L	.005	U	U	.005	U	U

Summary of Validated Surface Water Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

		Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06		
		Associated Site:	HR-130Q			HR-130Q		
		Sample No:	YP2007			YP2008		
		Sample Date:	15-JAN-01			15-JAN-01		
User Test Group								
Lab Method								
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES								
SW8260B								
1,2-Dichlorobenzene		mg/L	.005	U	U	.005	U	U
1,2-Dichloroethane		mg/L	.005	U	U	.005	U	U
1,2-Dichloropropane		mg/L	.005	U	U	.005	U	U
1,2-Dimethylbenzene		mg/L	.005	U	U	.005	U	U
1,3,5-Trimethylbenzene		mg/L	.005	U	U	.005	U	U
1,3-Dichlorobenzene		mg/L	.005	U	U	.005	U	U
1,3-Dichloropropane		mg/L	.005	U	U	.005	U	U
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U
2-Butanone		mg/L	.02	U	U	.02	U	U
2-Hexanone		mg/L	.02	U	U	.02	U	U
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	U
Acetone		mg/L	.02	U	U	.011	J	J
Benzene		mg/L	.005	U	U	.005	U	U
Bromobenzene		mg/L	.005	U	U	.005	U	U
Bromochloromethane		mg/L	.005	U	U	.005	U	U
Bromodichloromethane		mg/L	.005	U	U	.005	U	U
Bromoform		mg/L	.005	U	U	.005	U	U
Bromomethane		mg/L	.005	U	U	.005	U	U
Carbon disulfide		mg/L	.005	U	U	.005	U	U
Carbon tetrachloride		mg/L	.005	U	U	.005	U	U
Chlorobenzene		mg/L	.005	U	U	.005	U	U
Chloroethane		mg/L	.005	U	U	.005	U	U
Chloroform		mg/L	.005	U	U	.005	U	U
Chloromethane		mg/L	.005	U	U	.005	U	U
Cis-1,2-Dichloroethene		mg/L	.005	U	U	.005	U	U
Cis-1,3-Dichloropropene		mg/L	.005	U	U	.005	U	U
Cumene		mg/L	.005	U	U	.005	U	U
Dibromochloromethane		mg/L	.005	U	U	.005	U	U
Dibromomethane		mg/L	.005	U	U	.005	U	U
Dichlorodifluoromethane		mg/L	.005	U	U	.005	U	U
Ethylbenzene		mg/L	.005	U	U	.005	U	U

Summary of Validated Surface Water Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

		Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06		
		Associated Site:	HR-130Q			HR-130Q		
		Sample No:	YP2007			YP2008		
		Sample Date:	15-JAN-01			15-JAN-01		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES								
SW8260B								
Hexachlorobutadiene		mg/L	.005	U	U	.005	U	U
Methylene chloride		mg/L	.0017	JB	B	.002	JB	B
N-Butylbenzene		mg/L	.005	U	U	.005	U	U
N-Propylbenzene		mg/L	.005	U	U	.005	U	U
Naphthalene		mg/L	.005	U	U	.005	U	U
Styrene		mg/L	.005	U	U	.005	U	U
Tetrachloroethene		mg/L	.005	U	U	.005	U	U
Toluene		mg/L	.005	U	U	.005	U	U
Trans-1,2-Dichloroethene		mg/L	.005	U	U	.005	U	U
Trans-1,3-Dichloropropene		mg/L	.005	U	U	.005	U	U
Trichloroethene		mg/L	.005	U	U	.005	U	U
Trichlorofluoromethane		mg/L	.005	U	U	.005	U	U
Vinyl chloride		mg/L	.005	U	U	.005	U	U
m,p-Xylenes		mg/L	.01	U	U	.01	U	U
o-Chlorotoluene		mg/L	.005	U	U	.005	U	U
p-Chlorotoluene		mg/L	.005	U	U	.005	U	U
p-Cymene		mg/L	.005	U	U	.005	U	U
sec-Butylbenzene		mg/L	.005	U	U	.005	U	U
sec-Dichloropropane		mg/L	.005	U	UJ	.005	U	UJ
tert-Butylbenzene		mg/L	.005	U	U	.005	U	U

Summary of Validated Sediment Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP1007			YP1008		
	Sample Date:	15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS							
SW6010B							
Aluminum	mg/kg	8100			21200		
Antimony	mg/kg	21.1	U	UJ	21.1	U	UJ
Arsenic	mg/kg	2.58			3.38		
Barium	mg/kg	39.1			119		
Beryllium	mg/kg	.302	J	J	.7	J	J
Cadmium	mg/kg	1.05	U	U	.461	J	B
Calcium	mg/kg	1500			5380		
Chromium	mg/kg	11.5			20.9		
Cobalt	mg/kg	.811	J	J	4.27		
Copper	mg/kg	5.4			9.59		
Iron	mg/kg	15600			18000		
Lead	mg/kg	10.2			25.2		
Magnesium	mg/kg	260			598		
Manganese	mg/kg	92.9			138		
Nickel	mg/kg	4.22	U	U	4.68		
Potassium	mg/kg	1050	U	U	950	J	J
Selenium	mg/kg	1.21	J	J	1.17	J	J
Silver	mg/kg	2.11	U	U	2.11	U	U
Sodium	mg/kg	211	U	U	54.2	J	J
Thallium	mg/kg	4.22	U	U	4.22	U	U
Vanadium	mg/kg	22.4			35.6		
Zinc	mg/kg	84.2		J	98.9		J
SW7471A							
Mercury	mg/kg	.211	U	U	.211	U	U
NITROAROMATICS							
SW8330							
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U

Summary of Validated Sediment Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP1007			YP1008		
	Sample Date:	15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS							
SW8330							
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U
SEMIVOLATILES							
SW8270C							
1,2,4-Trichlorobenzene	mg/kg	1.4	U	U	1.4	U	U
1,2-Dichlorobenzene	mg/kg	1.4	U	U	1.4	U	U
1,3-Dichlorobenzene	mg/kg	1.4	U	U	1.4	U	U
1,4-Dichlorobenzene	mg/kg	1.4	U	U	1.4	U	U
2,4,5-Trichlorophenol	mg/kg	1.4	U	U	1.4	U	U
2,4,6-Trichlorophenol	mg/kg	3.5	U	U	3.5	U	U
2,4-Dichlorophenol	mg/kg	1.4	U	U	1.4	U	U
2,4-Dimethylphenol	mg/kg	1.4	U	U	1.4	U	U
2,4-Dinitrophenol	mg/kg	1.4	U	U	1.4	U	U
2,4-Dinitrotoluene	mg/kg	1.4	U	U	1.4	U	U
2,6-Dinitrotoluene	mg/kg	1.4	U	U	1.4	U	U
2-Chloronaphthalene	mg/kg	1.4	U	U	1.4	U	U
2-Chlorophenol	mg/kg	1.4	U	U	1.4	U	U
2-Methylnaphthalene	mg/kg	1.4	U	U	1.4	U	U
2-Methylphenol	mg/kg	1.4	U	U	1.4	U	U
2-Nitroaniline	mg/kg	3.5	U	U	3.5	U	U
2-Nitrophenol	mg/kg	1.4	U	U	1.4	U	U
3,3'-Dichlorobenzidine	mg/kg	3.5	U	U	3.5	U	U

Summary of Validated Sediment Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP1007			YP1008		
	Sample Date:	15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES							
SW8270C							
3-Nitroaniline	mg/kg	3.5	U	U	3.5	U	U
4,6-Dinitro-2-methylphenol	mg/kg	3.5	U	U	3.5	U	U
4-Bromophenyl phenyl ether	mg/kg	1.4	U	U	1.4	U	U
4-Chloro-3-methylphenol	mg/kg	1.4	U	U	1.4	U	U
4-Chloroaniline	mg/kg	1.4	U	U	1.4	U	U
4-Chlorophenyl phenyl ether	mg/kg	1.4	U	U	1.4	U	U
4-Methylphenol	mg/kg	1.4	U	U	1.4	U	U
4-Nitroaniline	mg/kg	1.4	U	U	1.4	U	U
4-Nitrophenol	mg/kg	3.5	U	U	3.5	U	U
Acenaphthene	mg/kg	1.4	U	U	1.4	U	U
Acenaphthylene	mg/kg	1.4	U	U	1.4	U	U
Anthracene	mg/kg	1.4	U	U	1.4	U	U
Benzo(a)anthracene	mg/kg	1.4	U	U	1.4	U	U
Benzo(a)pyrene	mg/kg	1.4	U	U	1.4	U	U
Benzo(b)fluoranthene	mg/kg	1.4	U	U	1.4	U	U
Benzo(ghi)perylene	mg/kg	1.4	U	U	1.4	U	U
Benzo(k)fluoranthene	mg/kg	1.4	U	U	1.4	U	U
Bis(2-Chloroethoxy)methane	mg/kg	1.4	U	U	1.4	U	U
Bis(2-Chloroethyl)ether	mg/kg	1.4	U	U	1.4	U	U
Bis(2-Chloroisopropyl)ether	mg/kg	1.4	U	U	1.4	U	U
Bis(2-Ethylhexyl)phthalate	mg/kg	1.4	U	U	1.4	U	U
Butyl benzyl phthalate	mg/kg	1.4	U	U	1.4	U	U
Carbazole	mg/kg	1.4	U	U	1.4	U	U
Chrysene	mg/kg	1.4	U	U	1.4	U	U
Di-n-butyl phthalate	mg/kg	1.4	U	U	1.4	U	U
Di-n-octyl phthalate	mg/kg	1.4	U	U	1.4	U	U
Dibenz(a,h)anthracene	mg/kg	1.4	U	U	1.4	U	U
Dibenzofuran	mg/kg	1.4	U	U	1.4	U	U
Diethyl phthalate	mg/kg	1.4	U	U	1.4	U	U
Dimethyl phthalate	mg/kg	1.4	U	U	1.4	U	U
Fluoranthene	mg/kg	1.4	U	U	1.4	U	U

Summary of Validated Sediment Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06			
	Associated Site:	HR-130Q			HR-130Q			
	Sample No:	YP1007			YP1008			
	Sample Date:	15-JAN-01			15-JAN-01			
User Test Group	*Sample Depth:*	0 - .5			0 - .5			
Lab Method								
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
SEMIVOLATILES								
SW8270C								
Fluorene	mg/kg	1.4	U	U	1.4	U	U	
Hexachlorobenzene	mg/kg	1.4	U	U	1.4	U	U	
Hexachlorobutadiene	mg/kg	1.4	U	U	1.4	U	U	
Hexachlorocyclopentadiene	mg/kg	1.4	U	U	1.4	U	U	
Hexachloroethane	mg/kg	1.4	U	U	1.4	U	U	
Indeno(1,2,3-cd)pyrene	mg/kg	1.4	U	U	1.4	U	U	
Isophorone	mg/kg	1.4	U	U	1.4	U	U	
N-Nitroso-di-n-propylamine	mg/kg	1.4	U	U	1.4	U	U	
N-Nitrosodiphenylamine	mg/kg	1.4	U	U	1.4	U	U	
Naphthalene	mg/kg	1.4	U	U	1.4	U	U	
Nitrobenzene	mg/kg	1.4	U	U	1.4	U	U	
Pentachlorophenol	mg/kg	3.5	U	U	3.5	U	U	
Phenanthrene	mg/kg	1.4	U	U	1.4	U	U	
Phenol	mg/kg	1.4	U	U	1.4	U	U	
Pyrene	mg/kg	1.4	U	U	1.4	U	U	
TOC								
SW9060								
Total Organic Carbon	mg/kg	76.6			43.5			
VOLATILES								
SW8260B								
1,1,1,2-Tetrachloroethane	mg/kg	.013	U	U	.012	U	U	
1,1,1-Trichloroethane	mg/kg	.013	U	U	.012	U	U	
1,1,2,2-Tetrachloroethane	mg/kg	.013	U	U	.012	U	U	
1,1,2-Trichloroethane	mg/kg	.013	U	U	.012	U	U	
1,1-Dichloroethane	mg/kg	.013	U	U	.012	U	U	
1,1-Dichloroethene	mg/kg	.013	U	U	.012	U	U	
1,1-Dichloropropene	mg/kg	.013	U	U	.012	U	U	
1,2,3-Trichlorobenzene	mg/kg	.013	U	U	.012	U	U	
1,2,3-Trichloropropane	mg/kg	.013	U	U	.012	U	U	
1,2,4-Trichlorobenzene	mg/kg	.013	U	U	.012	U	U	

Summary of Validated Sediment Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06			
	Associated Site:	HR-130Q			HR-130Q			
	Sample No:	YP1007			YP1008			
	Sample Date:	15-JAN-01			15-JAN-01			
User Test Group	*Sample Depth:*	0 - .5			0 - .5			
Lab Method								
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	
VOLATILES								
SW8260B								
1,2,4-Trimethylbenzene	mg/kg	.013	U	U	.012	U	U	
1,2-Dibromo-3-Chloropropane	mg/kg	.025	U	U	.023	U	U	
1,2-Dibromoethane	mg/kg	.013	U	U	.012	U	U	
1,2-Dichlorobenzene	mg/kg	.013	U	U	.012	U	U	
1,2-Dichloroethane	mg/kg	.013	U	U	.012	U	U	
1,2-Dichloropropane	mg/kg	.013	U	U	.012	U	U	
1,2-Dimethylbenzene	mg/kg	.013	U	U	.012	U	U	
1,3,5-Trimethylbenzene	mg/kg	.013	U	U	.012	U	U	
1,3-Dichlorobenzene	mg/kg	.013	U	U	.012	U	U	
1,3-Dichloropropane	mg/kg	.013	U	U	.012	U	U	
1,4-Dichlorobenzene	mg/kg	.013	U	U	.012	U	U	
2-Butanone	mg/kg	.033	J	J	.046	U	U	
2-Hexanone	mg/kg	.051	U	U	.046	U	U	
4-Methyl-2-pentanone	mg/kg	.025	U	U	.023	U	U	
Acetone	mg/kg	.39		J	.057		J	
Benzene	mg/kg	.013	U	U	.012	U	U	
Bromobenzene	mg/kg	.013	U	U	.012	U	U	
Bromochloromethane	mg/kg	.013	U	U	.012	U	U	
Bromodichloromethane	mg/kg	.013	U	U	.012	U	U	
Bromoform	mg/kg	.013	U	U	.012	U	U	
Bromomethane	mg/kg	.013	U	U	.012	U	U	
Carbon disulfide	mg/kg	.013			.012	U	U	
Carbon tetrachloride	mg/kg	.013	U	U	.012	U	U	
Chlorobenzene	mg/kg	.013	U	U	.012	U	U	
Chloroethane	mg/kg	.013	U	U	.012	U	U	
Chloroform	mg/kg	.013	U	U	.012	U	U	
Chloromethane	mg/kg	.013	U	U	.012	U	U	
Cis-1,2-Dichloroethene	mg/kg	.013	U	U	.012	U	U	
Cis-1,3-Dichloropropene	mg/kg	.013	U	U	.012	U	U	
Cumene	mg/kg	.013	U	U	.012	U	U	
Dibromochloromethane	mg/kg	.013	U	U	.012	U	U	

Summary of Validated Sediment Analytical Data
Former Mock Village at Yahoo Lake (Parcel 130Q)
Fort McClellan, Alabama

Report Date: 06/06/03

	Location Code:	HR-130Q-SW/SD05			HR-130Q-SW/SD06		
	Associated Site:	HR-130Q			HR-130Q		
	Sample No:	YP1007			YP1008		
	Sample Date:	15-JAN-01			15-JAN-01		
User Test Group	*Sample Depth:*	0 - .5			0 - .5		
Lab Method							
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES							
SW8260B							
Dibromomethane	mg/kg	.013	U	U	.012	U	U
Dichlorodifluoromethane	mg/kg	.013	U	U	.012	U	U
Ethylbenzene	mg/kg	.013	U	U	.012	U	U
Hexachlorobutadiene	mg/kg	.013	U	U	.012	U	U
Methylene chloride	mg/kg	.0056	JB	B	.0032	JB	B
N-Butylbenzene	mg/kg	.0074	J	J	.012	U	U
N-Propylbenzene	mg/kg	.013	U	U	.012	U	U
Naphthalene	mg/kg	.013	U	U	.012	U	U
Styrene	mg/kg	.013	U	U	.012	U	U
Tetrachloroethene	mg/kg	.013	U	U	.012	U	U
Toluene	mg/kg	.0034	J	J	.012	U	U
Trans-1,2-Dichloroethene	mg/kg	.013	U	U	.012	U	U
Trans-1,3-Dichloropropene	mg/kg	.013	U	U	.012	U	U
Trichloroethene	mg/kg	.013	U	U	.012	U	U
Trichlorofluoromethane	mg/kg	.013	U	U	.012	U	U
Vinyl chloride	mg/kg	.013	U	U	.012	U	U
m,p-Xylenes	mg/kg	.025	U	U	.023	U	U
o-Chlorotoluene	mg/kg	.013	U	U	.012	U	U
p-Chlorotoluene	mg/kg	.013	U	U	.012	U	U
p-Cymene	mg/kg	.1			.0042	J	J
sec-Butylbenzene	mg/kg	.013	U	U	.012	U	U
sec-Dichloropropane	mg/kg	.013	U	U	.012	U	U
tert-Butylbenzene	mg/kg	.013	U	U	.012	U	U

GRAIN SIZE ANALYSIS

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

IT GEOTECHNICAL LABORATORY
OAK RIDGE, TN
(865) 482-6497

PARTICLE-SIZE ANALYSIS
ASTM D 422

HR-130Q-DEP01

Project Name: Fort McClellan
Client Sample No.: YP0013
Project No.: 796887.09020300
IT Lab Sample No.: ETDC-9374

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 29.0%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	99.9%
	#10	2.000	99.6%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	94.3%
	#40	0.425	66.7%
	#60	0.250	47.3%
	#100	0.149	35.0%
	#140	0.106	29.4%
	#200	0.075	25.2%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.02226	17.9%
	0.01314	12.7%
	0.00936	9.7%
	0.00671	7.5%
	0.00479	5.2%
	0.00333	3.7%
	0.00141	3.7%

GRAVEL 0.1% SAND 74.7% SILT/CLAY 25.2%

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

IT GEOTECHNICAL LABORATORY
OAK RIDGE, TN
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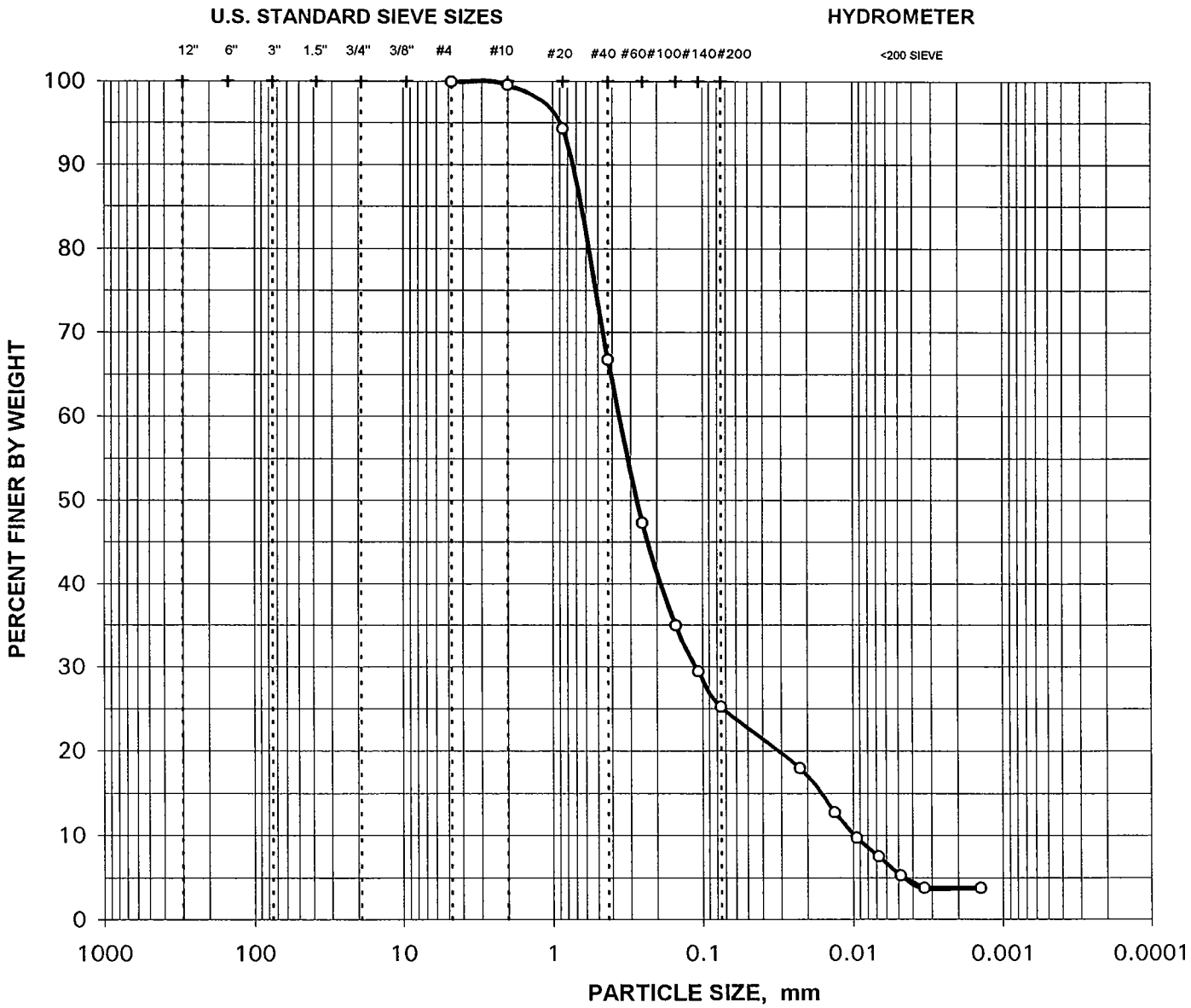
Fort McClellan



CLIENT SAMPLE NO.: YP0013

IT LAB SAMPLE NO.: ETDC-9374

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

IT GEOTECHNICAL LABORATORY
OAK RIDGE, TN
(865) 482-6497

PARTICLE-SIZE ANALYSIS
ASTM D 422

HR-130Q-DEP02

Project Name	Fort McClellan	Client Sample No.	YP0014
Project No.	796887.09020300	IT Lab Sample No.	ETDC-9375

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 28.4%
based on dry sample weight

SIEVE ANALYSIS

	Sieve No.	Diameter mm	Percent Finer
COARSE	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	99.4%
	#10	2.000	98.6%

	Sieve No.	Diameter mm	Percent Finer
FINE	#20	0.850	96.7%
	#40	0.425	83.7%
	#60	0.250	67.5%
	#100	0.149	50.2%
	#140	0.106	39.2%
	#200	0.075	30.3%

HYDROMETER ANALYSIS

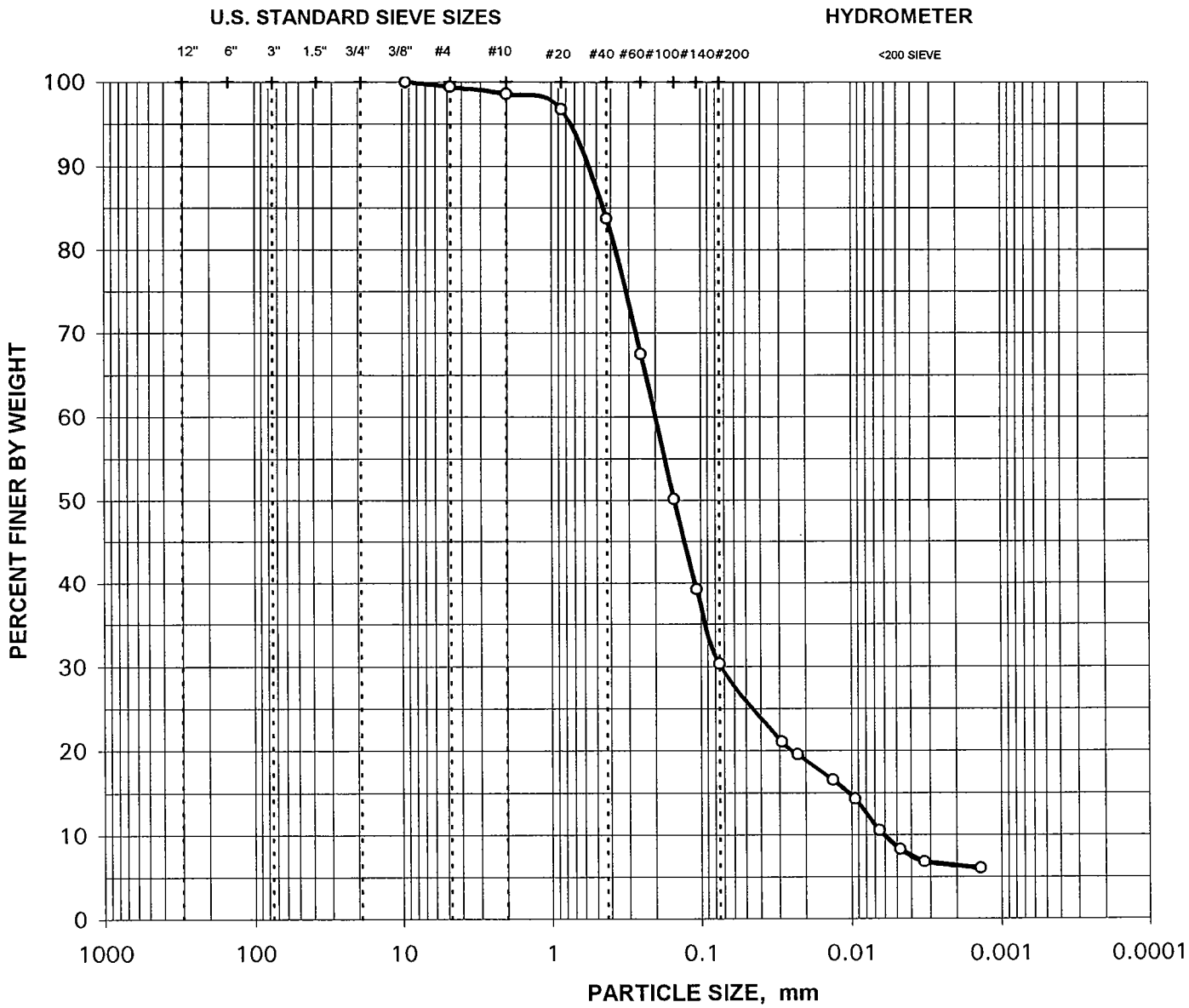
	Diameter mm	Percent Finer
HYDROMETER		
	0.02877	21.0%
	0.02245	19.5%
	0.01311	16.5%
	0.00936	14.3%
	0.00648	10.5%
	0.00473	8.3%
	0.00326	6.8%
	0.00138	6.0%

GRAVEL 0.6% SAND 69.1% SILT/CLAY 30.3%

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

IT GEOTECHNICAL LABORATORY
OAK RIDGE, TN
(865) 482-6497

Fort McClellan



CLIENT SAMPLE NO.: YP0014

IT LAB SAMPLE NO.: ETDC-9375

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

IT GEOTECHNICAL LABORATORY
OAK RIDGE, TN
(865) 482-6497

PARTICLE-SIZE ANALYSIS
ASTM D 422

HR-130Q-DEP03

Project Name	Fort McClellan	Client Sample No.	YP0015
Project No.	796887.09020300	IT Lab Sample No.	ETDC-9376

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 24.6%
based on dry sample weight

SIEVE ANALYSIS

	Sieve No.	Diameter mm	Percent Finer
COARSE	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	98.7%
	#10	2.000	96.7%

	Sieve No.	Diameter mm	Percent Finer
FINE	#20	0.850	93.2%
	#40	0.425	74.9%
	#60	0.250	58.4%
	#100	0.149	46.6%
	#140	0.106	40.6%
	#200	0.075	35.8%

HYDROMETER ANALYSIS

	Diameter mm	Percent Finer
HYDROMETER		
	0.02787	31.8%
	0.02168	31.0%
	0.01204	25.1%
	0.00918	20.9%
	0.00652	16.7%
	0.00463	15.1%
	0.00320	12.6%
	0.00137	8.4%

GRAVEL 1.3% SAND 62.8% SILT/CLAY 35.8%

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

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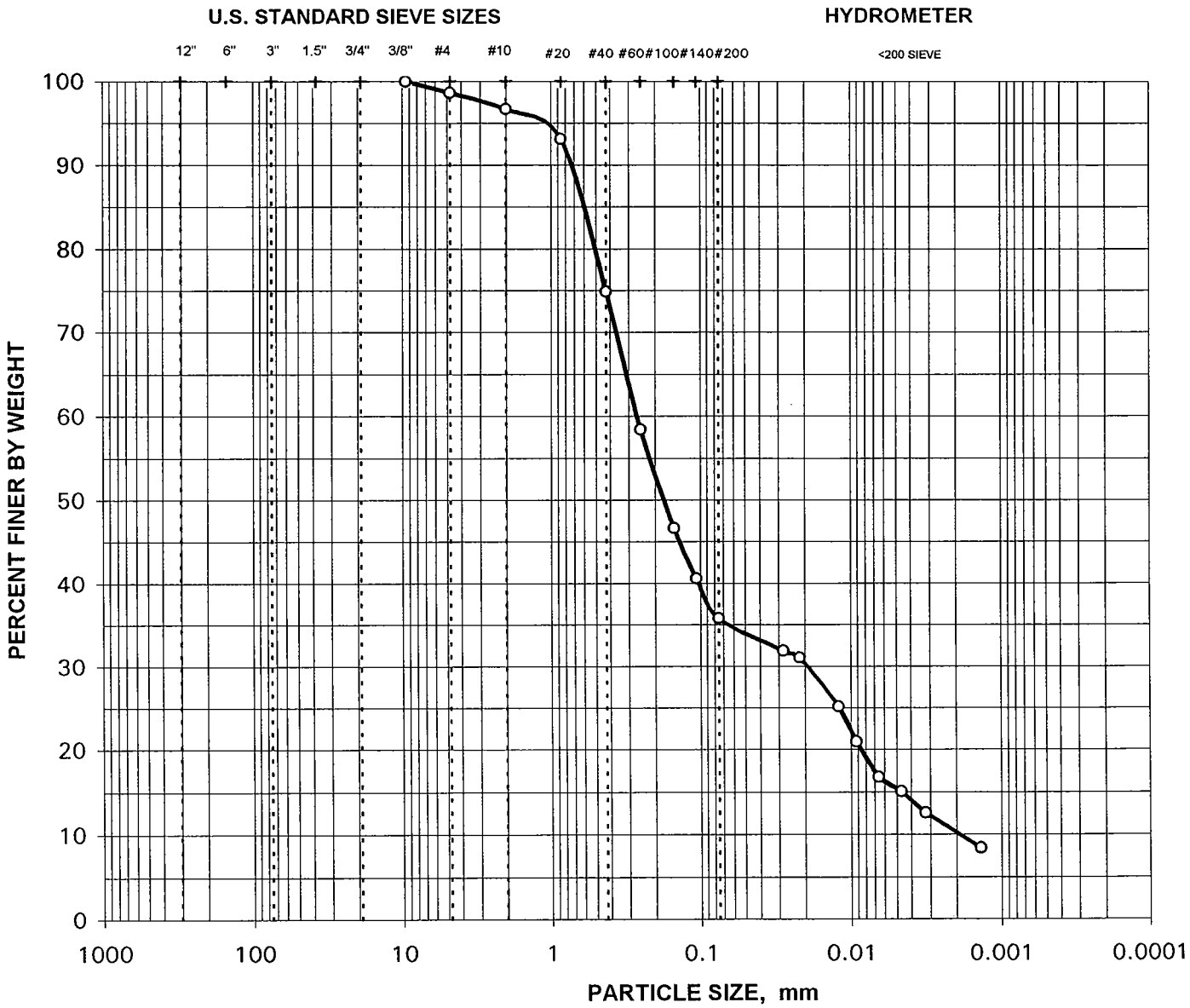
Fort McClellan



CLIENT SAMPLE NO.: YP0015

IT LAB SAMPLE NO.: ETDC-9376

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

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IT Project No.: 796887.11020300

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PARTICLE-SIZE ANALYSIS
ASTM D 422

HR-130Q-DEP04

Project Name	Fort McClellan	Client Sample No.	YP0018
Project No.	796887.09020300	IT Lab Sample No.	ETDC-9377

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 20.3%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	91.5%
	#4	4.750	86.2%
	#10	2.000	82.4%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	76.7%
	#40	0.425	57.0%
	#60	0.250	44.3%
	#100	0.149	33.8%
	#140	0.106	26.2%
	#200	0.075	20.8%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.02866	17.4%
	0.02228	16.3%
	0.01311	12.8%
	0.00937	10.5%
	0.00662	7.6%
	0.00473	6.4%
	0.00326	5.2%
	0.00138	3.5%

GRAVEL 13.8% SAND 65.5% SILT/CLAY 20.8%

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

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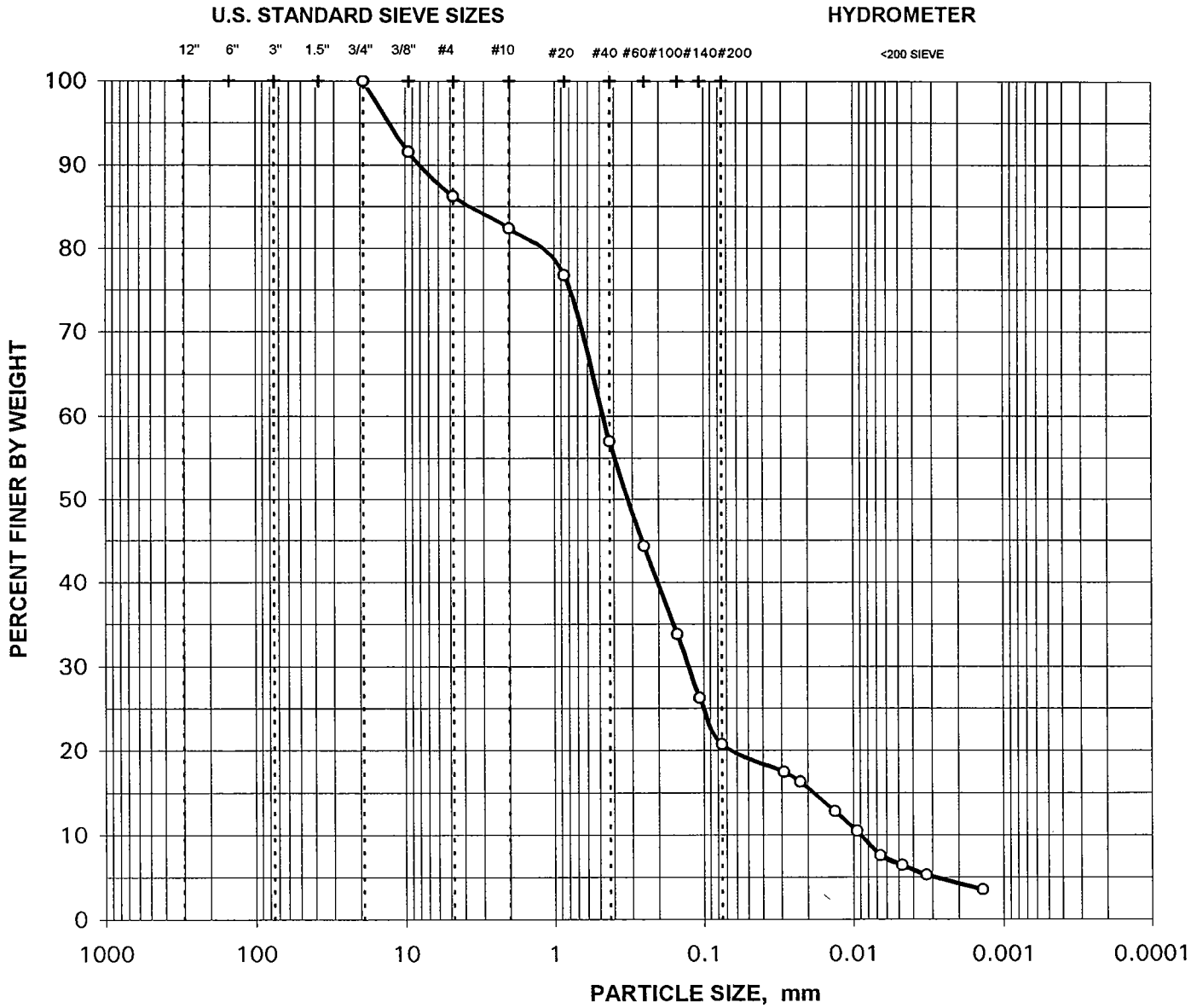

CLIENT SAMPLE NO.: YP0018

IT LAB SAMPLE NO.: ETDC-9377

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

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PARTICLE-SIZE ANALYSIS
ASTM D 422

HR-130Q-SW/SD05

Project Name	Fort McClellan	Client Sample No.	YP1007
Project No.	796887.09020300	IT Lab Sample No.	ETDC-9378

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 104.0%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	99.0%
	#10	2.000	98.0%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	97.0%
	#40	0.425	85.5%
	#60	0.250	70.9%
	#100	0.149	56.5%
	#140	0.106	46.9%
	#200	0.075	38.0%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.02815	30.7%
	0.02019	27.2%
	0.01292	23.7%
	0.00924	20.2%
	0.00652	17.6%
	0.00465	14.9%
	0.00320	13.2%
	0.00137	8.8%

GRAVEL 1.0% SAND 61.0% SILT/CLAY 38.0%

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

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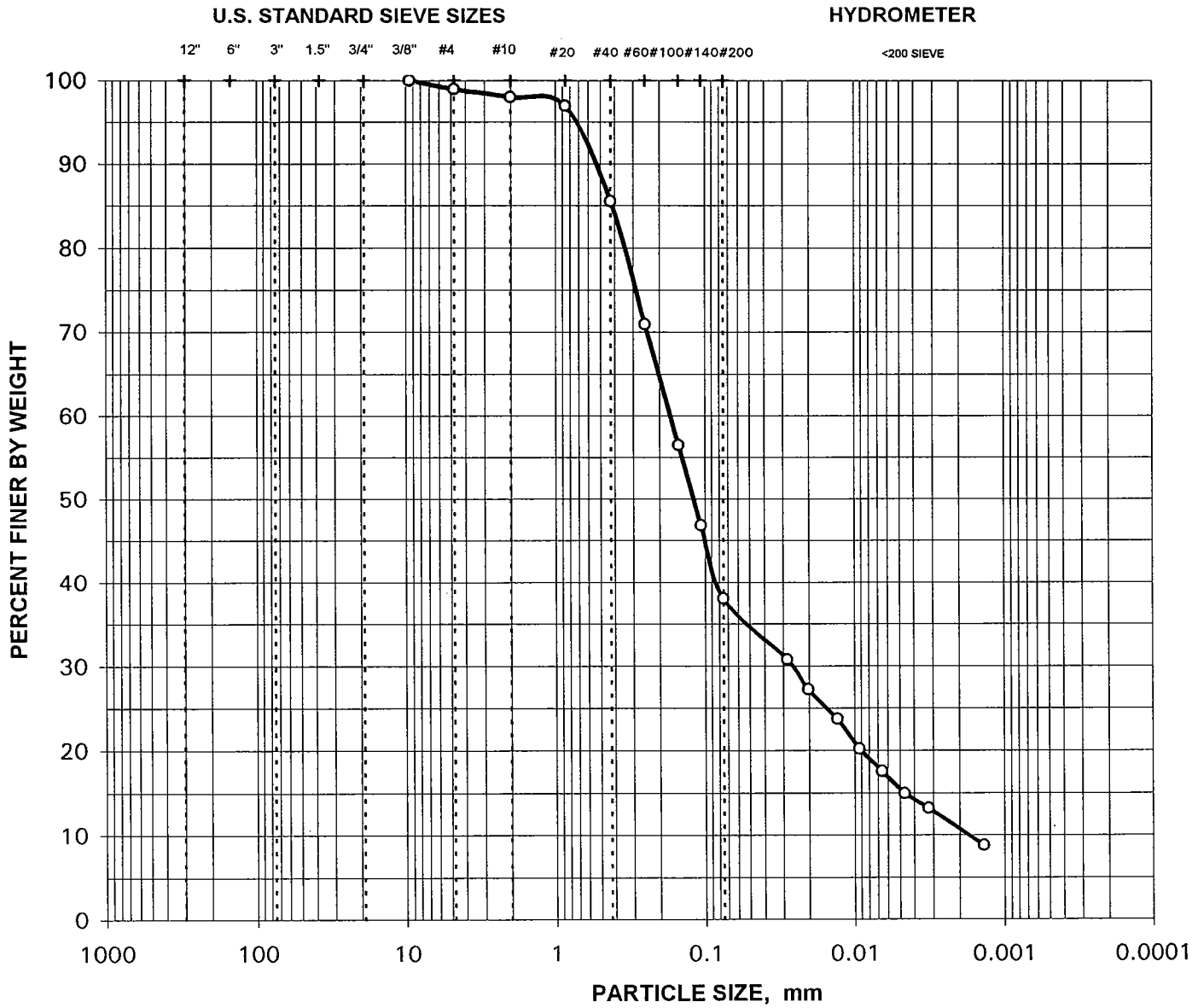
Fort McClellan



CLIENT SAMPLE NO.: YP1007

IT LAB SAMPLE NO.: ETDC-9378

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

IT GEOTECHNICAL LABORATORY
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PARTICLE-SIZE ANALYSIS
ASTM D 422

HR-130Q-SW/SD06

Project Name	Fort McClellan	Client Sample No.	YP1008
Project No.	796887.11020300	IT Lab Sample No.	ETDC-9379

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 112.2%
based on dry sample weight

SIEVE ANALYSIS

	Sieve No.	Diameter mm	Percent Finer
COARSE	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	99.4%
	#4	4.750	98.1%
	#10	2.000	97.1%

	Sieve No.	Diameter mm	Percent Finer
FINE	#20	0.850	95.5%
	#40	0.425	88.6%
	#60	0.250	81.3%
	#100	0.149	71.7%
	#140	0.106	63.0%
	#200	0.075	55.6%

HYDROMETER ANALYSIS

	Diameter mm	Percent Finer
HYDROMETER		
	0.02664	47.2%
	0.02091	43.5%
	0.01246	35.2%
	0.00864	27.8%
	0.00641	23.1%
	0.00395	16.7%
	0.00318	15.7%
	0.00137	10.2%

GRAVEL 1.9% SAND 42.6% SILT/CLAY 55.6%

Duane Nielsen
IT Corporation
April 3, 2001
IT Project ID: Fort McClellan
IT Project No.: 796887.11020300

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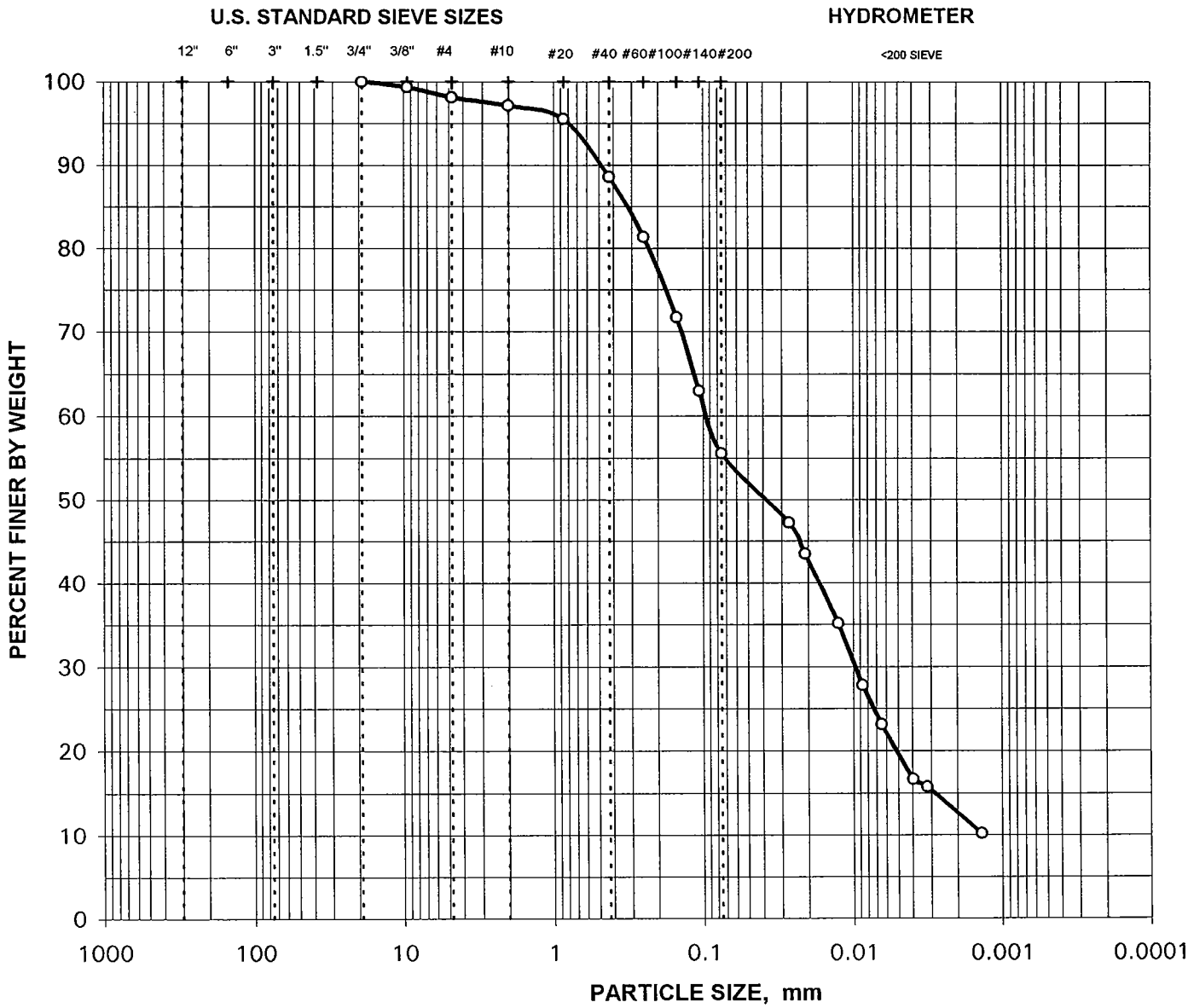
Fort McClellan



CLIENT SAMPLE NO.: YP1008

IT LAB SAMPLE NO.: ETDC-9379

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

APPENDIX G

QUALITY ASSURANCE REPORT FOR ANALYTICAL DATA

Quality Assurance Report
For Site Investigation Performed at the
Former Mock Village at Yahou Lake, Parcel 130Q-X
Shaw Project No. 796887

1.0 Overview

Sixteen soil samples, two sediment samples, two surface water samples and twenty-three groundwater samples were collected in support of the investigation at Fort McClellan (FTMC) Parcel HR-130Q, Former Mock Village at Yahou Lake. Samples were submitted to EMAX Laboratories, Inc. for analysis. QC samples consisted of the following types and quantities: 5 field duplicates, 5 matrix spike/matrix spike duplicate (MS/MSD) pairs, 19 trip blanks (TB) and 8 equipment rinsates (ER). Analytical summaries cross-referencing sample location, sample number, and contaminants of concern is presented in Attachment A.

One hundred (100%) percent of samples were validated and reviewed in accordance with the *USEPA Contract Laboratory Program National Functional Guidelines for Evaluating Inorganic Data Review (EPA, February 1994)* and *USEPA Contract Laboratory Program National Functional Guidelines for Organic Review (EPA, October 1999)* for all areas except blanks. Region III *Laboratory Data Validation Functional Guidelines for Inorganic Analyses (EPA, April 1993)* and Region III *National Functional Guidelines for Organic Data Review (EPA, June 1992)* were applied to the areas associated with blank contamination. Data qualifiers assigned to results were based on guidance outlined in the referenced documents and the *Installation-Wide Sampling and Analysis Plan (IT, March 2000)* for FTMC.

Table 1.0-1
Laboratory Data Qualifier Definitions

Data Qualifier	Laboratory Data Qualifier Definition
B	Analyte detected in method blank at concentration greater than the reporting limit (and greater than zero).
C	Confirming data obtained using second GC column or GC/MS.
E	Analyte concentration exceeded calibration range.
I	Analyte identification suspect. See narrative for explanation.
J	Result is less than or equal to specified reporting limit but greater than the method detection limit (MDL).
P	Analyte not confirmed. Results from primary and secondary GC columns differ by greater than 10 percent
S	Analyte concentration obtained using Method of Standard Additions (MSA).
U	Not detected. The value represented indicates the reporting limit for the analysis.
D	Sample analyzed as a dilution. The result reported has been calculated using the appropriate dilution factor.
No Code	Confirmed identification.

Table 1.0-2
Validation Data Qualifier Definitions

Validation Qualifier	Validation Data Qualifier Definition
U	Not detected. The associated number indicates approximate sample concentration necessary to be detected.
No Code	Confirmed identification.
B	Not detected substantially above the level reported in laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
N	Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.
J	Analyte present. Reported value may not be accurate or precise. Considered an estimate.
NJ	Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.
NV	Result was not validated.

The Data Validation Summary Report is presented in Attachment B.

2.0 Summary

Data were evaluated to verify compliance with precision, accuracy, representativeness, comparability, completeness, and sensitivity. To verify that project data quality objectives (DQOs) were met, laboratory analytical results and data packages were examined for compliance with SW846 8260B, 8270C, 8330, 6010B/7470A/7471A and 9060 quality control (QC) method criteria. Laboratory nonconformances and discrepancies in the data were also examined to determine their impact on the data. The results of this review are presented in the following sections.

2.1 Sample Receipt and Analytical Holding Times

All sample results generated by the laboratory during this investigation have been reviewed with respect to condition of samples as received by the laboratory, chain-of-custody, and analysis holding times. All coolers were received by EMAX in good condition under proper chain-of-custody.

All extraction and analytical holding times were met.

2.2 Rejected Data

Table 2.2-1 lists all rejected analytical data. Sample re-collection at this time is not warranted due to all rejected results being reported as non-detect.

Table 2.2-1 Rejected Analytical Results

Sample Delivery Group	Sample Number	Contaminant	Reason
10130Q-01	YP0001, YP0002, YP0006 and YP0012	Acetone	Initial Calibration Relative Response Factor (RRF) <0.05.
10130Q-06	YP3001, YP3002 and YP3006	Acetone 2-Butanone (MEK)	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
10130Q-07	YP3012 and YP3013	2-Hexanone (MBK) Acetone 2-Butanone (MEK) 1,2-Dibromo-3-chloropropane	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
10130Q-08	YP3011	2-Hexanone (MBK) Acetone 2-Butanone (MEK) 1,2-Dibromo-3-chloropropane	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
10130Q-09	YP3008 and YP3014	Acetone 2-Butanone (MEK)	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
10130Q-10	YP3009 and YP3010	Acetone 2-Butanone (MEK)	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
10130Q-11	YP3017, YP3023 and YP3024	2-Hexanone (MBK) 2-Butanone (MEK)	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
10130Q-12	YP3018, YP3021 and YP3022	2-Hexanone (MBK) Acetone 2-Butanone (MEK) 1,2-Dibromo-3-chloropropane	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
10130Q-13	YP3019	2-Hexanone (MBK) Acetone 2-Butanone (MEK) 1,2-Dibromo-3-chloropropane	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
10130Q-14	YP3020	2-Hexanone (MBK) 2-Butanone (MEK)	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.
10130Q-15	YP3015 and YP3025	2-Hexanone (MBK) 2-Butanone (MEK) 1,2-Dibromo-3-chloropropane	Initial and Continuing Calibration Relative Response Factor (RRF) <0.05.

2.3 Blank Results

Descriptions of the type of blank samples which were collected, processed, and evaluated for background and/or process contamination during this sampling are as follows:

- Trip blanks (TBs) consist of aqueous VOC sample vials filled in the laboratory with ASTM Type II reagent grade water, transported to the sampling site, handled like an environmental sample and returned to the laboratory for analysis. Trip blanks are prepared only when aqueous VOC samples are collected and analyzed. Trip blanks are used to assess the potential introduction of contaminants from sample containers during the transportation and/or storage procedures. Trip blanks were sent with all aqueous samples shipped to the laboratory requiring volatile analysis.

- Equipment rinsates (ER) are samples of analyte-free deionized water poured into, over, or pumped through the sampling device, collected in a sample container, and transported to the laboratory for analysis. Equipment rinsates are used to assess the effectiveness of equipment decontamination procedures.

- Method blanks (MB) are used in the laboratory to assess and document any possible contamination resulting from the analytical process. A method blank is an analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank shall be carried through the complete sample preparation and analytical procedure.

- Initial and continuing calibration blanks (ICB and CCB) are instrument blanks consisting of an analyte-free matrix. ICBs and CCBs are analyzed to verify the analysis system is free of contamination and are analyzed immediately after the initial and continuing calibrations are performed.

Field sample concentrations were evaluated to determine if the sample results could have been biased by the presence of any contamination measured in trip blanks, equipment rinsate blanks, method blanks and/or initial/continuing calibration blanks. Sample data affected by blank contamination are summarized in Table 2.3-1.

Table 2.3-1
Summary of Blank Contamination

Sample Delivery Group	Sample Number	Contaminant	Action
10130Q-01	YP0007, YP0009, YP0010, YP0011 and YP0012	Methylene chloride	Methylene chloride results for samples YP0007, YP0009, YP0010, YP0011 and YP0012 were "B" qualified due to ER contamination.
	YP0003, YP0004, YP0005 and YP0006	Methylene chloride	Methylene chloride results for samples YP0003, YP0004, YP0005 and YP0006 were "B" qualified due to MB and ER contamination.
	YP0001, YP0002, YP0005, YP0006, YP0007, YP0009, YP0010, YP0011 and YP0012	Cobalt	Cobalt results for samples YP0001, YP0002, YP0005, YP0006, YP0007, YP0009, YP0010, YP0011 and YP0012 were "B" qualified due to MB and ICB/CCB contamination.

Table 2.3-1 (Continued)
Summary of Blank Contamination

Sample Delivery Group	Sample Number	Contaminant	Action
10130Q-01	YP0001 through YP0007, YP0009, YP0010 and YP0011	Potassium	Potassium results for samples YP0001 through YP0007, YP0009, YP0010 and YP0011 were "B" qualified due to MB and ICB/CCB contamination.
	YP0002, YP0005, YP0006, YP0007, YP0009, YP0011 and YP0012	Beryllium	Beryllium results for samples YP0002, YP0005, YP0006, YP0007, YP0009, YP0011 and YP0012 were "B" qualified due to ICB/CCB contamination.
	YP0002	Arsenic	Arsenic result for sample YP0002 was "B" qualified due to ICB/CCB contamination.
	YP0001 through YP0004, YP0007, YP0009, YP0010 and YP0011	Selenium	Selenium results for samples YP0001 through YP0004, YP0007, YP0009, YP0010 and YP0011 were "B" qualified due to ICB/CCB contamination.
	YP0001, YP0004, YP0006, YP0007, YP0009, YP0010 and YP0011	Silver	Silver results for samples YP0001, YP0004, YP0006, YP0007, YP0009, YP0010 and YP0011 were "B" qualified due to ICB/CCB contamination.
10130Q-02	YP2007 and YP2008	Methylene chloride	Methylene chloride result for samples YP2007 and YP2008 were "B" qualified due to MB contamination.
10130Q-03	YP0013, YP0014, YP0015, YP0016, YP0018, YP1007 and YP1008	Methylene chloride	Methylene chloride result for sample YP0013, YP0014, YP0015, YP0016, YP0018, YP1007 and YP1008 were "B" qualified due to MB contamination.
	YP0013, YP0014, YP0015, YP0016 and YP0018	Nickel	Nickel results for samples YP0013, YP0014, YP0015, YP0016 and YP0018 were "B" qualified due to ICB/CCB contamination.
	YP0015	Silver	Silver result for sample YP0015 was "B" qualified due to ICB/CCB contamination.
10130Q-04	YP3007	Calcium Magnesium	Calcium and magnesium results for sample YP3007 were "B" qualified due to ER contamination.

Table 2.3-1 (Continued)
Summary of Blank Contamination

Sample Delivery Group	Sample Number	Contaminant	Action
10130Q-05	YP3003	Methylene chloride	Methylene chloride result for sample YP3003 was "B" qualified due to MB contamination.
	YP3004	Bis(2-Ethylhexyl)phthalate	Bis(2-Ethylhexyl)phthalate result for sample YP3004 was "B" qualified due to MB contamination.
	YP3003 and YP3004	Calcium Magnesium	Calcium and magnesium results for samples YP3003 and YP3004 were "B" qualified due to ER contamination.
10130Q-06	YP3001, YP3002 and YP3006	Iron	Iron results for samples YP3001, YP3002 and YP3006 were "B" qualified due to ICB/CCB and ER contamination.
	YP3001	Zinc Calcium	Zinc and calcium results for sample YP3001 were "B" qualified due to ICB and ER contamination.
	YP3001 and YP3006	Manganese	Manganese results for samples YP3001 and YP3006 were "B" qualified due to ICB/CCB contamination.
	YP3002 and YP3006	Magnesium	Magnesium results for samples YP3002 and YP3006 were "B" qualified due to ICB/CCB contamination.
10130Q-07	YP3013	Methylene chloride	Methylene chloride result for sample YP3013 was "B" qualified due to TB contamination.
10130Q-11	YP3023	Methylene chloride	Methylene chloride result for sample YP3023 was "B" qualified due to TB and ER contamination.
10130Q-12	YP3018	Methylene chloride	Methylene chloride result for sample YP3018 was "B" qualified due to TB and ER contamination.
10130Q-14	YP3020	Methylene chloride	Methylene chloride result for sample YP3020 was "B" qualified due to TB contamination.
10130Q-15	YP3025	Acetone	Acetone results for sample YP3025 was "B" qualified due to ER contamination.

2.4 Analytical Precision

Precision is defined as a measurement of mutual agreement among individual measurements of the same property, usually under "prescribed similar conditions." Analytical precision is calculated as relative percent difference (%RPD) based on the following formula:

$$\%RPD = \left| \frac{(A-B)}{(A+B)/2} \right| \times 100$$

where:

%RPD = Relative Percent Difference
A = original result
B = duplicate result

A high RPD between an original sample and its field duplicate may be attributable to the difference in sample matrix or distribution of the contaminant within the sample, rather than the precision of the collection process. Also, when "estimated" results are reported, there is a potential for increased variability between the primary and duplicate sample results. This occurs because, at low concentrations, the relative difference in results is magnified by the RPD calculation even though the results are comparable in absolute terms. There is also increased uncertainty in the results as the lower limit of detection is approached, due to decreasing analytical accuracy. The RPD calculation cannot be performed in cases where non-detected results are reported with corresponding samples that contain detectable concentrations.

Overall sampling and analysis precision for this task was assessed using field duplicate (FD) samples. Laboratory precision was assessed by laboratory control sample/laboratory control sample duplicate (LCS/LCSD) and matrix spike/matrix spike duplicate (MS/MSD) recoveries. Results indicate that an acceptable analytical precision was achieved. Table 2.4-1 lists precision acceptance criteria for LCS/LCSD, MS/MSD organic analyses and field duplicate comparisons. Table 2.4-2 lists all field duplicate, LCS/LCSD and MS/MSD RPDs that exceeded QC criteria.

Table 2.4-1 Precision Acceptance Criteria

Field/Laboratory QC Type	Matrix	
	Aqueous	Soil
Field Duplicate (Both Organic & Inorganic)	RPD < 35%	RPD < 50%
TCL Volatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"
TCL Semivolatiles LCS/LCSD and MS/MSD	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"	Refer to Table 8-1 of FTMC "Installation Wide Sample and Analysis Plan - Appendix B"
Metals LCS/LCSD and MS/MSD	RPD < 20%	RPD < 20%
Total Organic Carbon LCS/LCSD and MS/MSD	NA	RPD < 20%

Table 2.4-2
Summary of Field Duplicate, LCS/LCSD & MS/MSD RPD Anomalies

Sample Delivery Group	Sample Number	Contaminant	Assigned Validation Qualifier
10130Q-03	YP0015 (Parent) / YP0016(FD)	Acetone (67%) Methylene chloride (57%)	Acetone results for samples YP0015 and YP0016 were "J" qualified due to % RPD between parent sample and its corresponding field duplicate exceeding QC criteria. Although methylene chloride %RPD between samples YP0015 and YP0016 exceeds QC criteria, samples results were "B" qualified due to blank contamination.
	YP0015 (Parent) / YP0016 (FD)	Cobalt (53%) Manganese (50%)	Cobalt and manganese results for samples YP0015 and YP0016 were "J" qualified due to % RPD between parent sample and its corresponding field duplicate exceeding QC criteria.
10130Q-04	EXE003WL/Y (LCS/LCSD)	HMX (38%) 1,3,5-Trinitrobenzene (44%) 1,3-Dinitrobenzene (36%) Tetryl (50%) 2,4,6-Trinitrotoluene (38%)	HMX, 1,3,5-trinitrobenzene, 1,3-dinitrobenzene, tetryl and 2,4,6-trinitrotoluene results for sample YP3007 were "UJ" qualified due to LCS/LCSD % RPD exceeding QC criteria.
10130Q-05	SVE018WC/L (LCS/LCSD)	1,4-Dichlorobenzene (36%) n-Nitroso-di-n-propylamine (31%)	1,4-Dichlorobenzene and n-nitroso-di-n-propylamine results for samples YP3003 and YP3004 were "UJ" qualified due to LCS/LCSD %RPD exceeding QC criteria.

2.5 Analytical Accuracy Assessment

Accuracy is a measure of the degree of agreement of a result against an accepted reference or true value. Accuracy is expressed as a percent recovery (%R) calculated by the ratio of the measurement and accepted true value as shown in the following equation:

$$\%R = (|X_s - X_u|/K) \times 100$$

where:

X_s = measured value of the spiked sample
X_u = measured value of the unspiked sample
K = known amount of the spike in the sample

Surrogate recoveries, MS/MSD and LCS/LCSD were used to measure analytical accuracy as described in SW846 8260B, 8270C, 8330, 6010B/7470A/7471A and 9060. Reported results

indicate that an acceptable level of analytical accuracy was achieved. Surrogate, LCS/LCSD and MS/MSD spike recoveries, which exceed QC criteria are summarized in Table 2.5-1.

Table 2.5-1
Summary of Surrogate, LCS/LCSD and MS/MSD Spike Recovery Criteria Exceedances

Sample Delivery Group	Sample Number	Contaminant	Action
10130Q-01	YP0001 MS/MSD	Antimony (LB)	Antimony results for samples YP0001 through YP0007 andYP0009 through YP0012 were "UJ" qualified due to MS/MSD spike recoveries exceeding QC criteria.
10130Q-03	YP0015 MS/MSD	Antimony (LB)	Antimony results for samples YP0013, YP0014, YP0015, YP0016, YP0018, YP1007 and YP1008 were "UJ" qualified due to MS/MSD spike recoveries exceeding QC criteria.

LB - Low bias
HB - High bias

2.6 Data Representativeness

Representativeness is a qualitative parameter that expresses the degree to which sample data actually represent the matrix conditions. Standardized requirements and procedures for sample collection, handling and analyses were employed to maximize sample representativeness.

Soil, sediment and surface water sample locations selected for this investigation will confirm whether the soil and surface water has been impacted by contaminant releases from former activities at this site. Groundwater samples were collected to determine the quality of groundwater in the aquifer.

2.7 Data Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. By employing well-recognized techniques and accepted standardized methods for sampling and analysis, data comparability was achieved during this sampling event.

2.8 Data Completeness

Completeness is calculated for the aggregation of data for each analyte measured during the investigation of Parcel HR-130Q, Former Mock Village at Yahou Lake. The formula for calculating completeness is listed below:

$$\% \text{ Completeness} = (X_V / X_T) \times 100$$

where:

X_V = number of valid (i.e., non-"R"-flagged) results
X_T = number of possible results

Parcel HR-130Q goal for completeness is 95% for both aqueous and soil samples. The % Completeness for this task is calculated to be 98.9%.

- % Completeness = (5325 / 5385) x 100 = 98.9%

2.9 Sensitivity

Sensitivity is defined as the ability of the laboratory's established method detection limits (MDL)/method reporting limits (MRL or RL) to meet project-specific DQOs or site-specific screening levels (SSSL) and or ecological screening values (ESV).

MDL is the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. MDLs are determined from an analysis of a sample in a given matrix containing the target analyte of interest. The MRL is a threshold value based upon the sensitivity capability of method and instrument. MRLs are normally set at a minimum of two times the MDL. MRLs are adjusted based on the sample matrix, moisture (solids only), and any necessary sample dilutions. The laboratory cannot reliably quantitate values reported above the MDL but below the MRL. Therefore, these analyte values must be flagged as estimated quantities ("J"-flagged).

To evaluate method sensitivity, a general comparison of the laboratory's MDLs/MRLs and the site investigation screening levels (background values, human health SSSL for residential reuse, and ESV) was performed and presented to the FTMC Base Realignment and Closure Team (BCT) (November 1999). The comparison summarized the relationship between the MDL/MRLs and SSSL/ESVs for each parameter typically reported for all of the major analytical methods used at FTMC. The few cases identified where the MDL and/or MRL values exceeded their corresponding human health SSSL and/or ESV were specifically highlighted and explained. It was understood that for these cases, the standard analytical method of analysis was not going to provide MDLs/MRLs, which met human health SSSLs or ESVs without significant uncertainty and the possibility of reporting false negatives. It was generally accepted that standard EPA SW846

analytical methods would provide sufficient sensitivity for data reported and used in the site screening process at FTMC.

3.0 Data Usability

Data quality indicators (DQI) provide an internal guide for control and review to verify that data are scientifically sound, defensible, and of known and acceptable quality. Factors such as precision, accuracy, representativeness, comparability, completeness, and sensitivity were evaluated to determine if the project's DQOs were met. A review of the data revealed that the majority of QA/QC indicators were within acceptable control limits. Any data anomalies encountered during data validation and overall site evaluations have been summarized in the previous sections of this document.

Based on the results of data validation and QA review, Shaw E & I has concluded that representative samples were collected and analyzed and the results are indicative of the media analyzed. The data are to be considered representative of site conditions and are usable for their intended purpose.

4.0 Attachments

Attachment A - Analytical Summary Table
Attachment B - Data Validation Summary Report

ATTACHMENT A

ANALYTICAL SUMMARY TABLE

Ft. McClellan
Parcel HR-130Q
Former Mock Village at Yahoo Lake Soil Analytical Summary
Project No. 796887

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth	Analytical Suite	Sample Type	Sample Purpose
HR-130Q-MW01	HR-130Q-MW01-SS-YP0001-REG	YP0001	3-Oct-00	0 to 1 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	HR-130Q-MW01-SS-YP0001-MS	YP0001-MS	3-Oct-00	0 to 1 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	MS
	HR-130Q-MW01-SS-YP0001-MSD	YP0001-MSD	3-Oct-00	0 to 1 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	MSD
	HR-130Q-MW01-DS-YP0002-REG	YP0002	3-Oct-00	10 to 12 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	REG
HR-130Q-MW02	HR-130Q-MW02-SS-YP0003-REG	YP0003	3-Oct-00	0 to 1 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	HR-130Q-MW02-DS-YP0004-REG	YP0004	3-Oct-00	1 to 2 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	REG
HR-130Q-MW03	HR-130Q-MW03-SS-YP0005-REG	YP0005	3-Oct-00	0 to 1 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	HR-130Q-MW03-DS-YP0006-REG	YP0006	3-Oct-00	6 to 9 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	REG
	HR-130Q-MW03-DS-YP0007-FD	YP0007	3-Oct-00	6 to 9 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	FD
HR-130Q-MW04	HR-130Q-MW04-SS-YP0009-REG	YP0009	3-Oct-00	0 to 1 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	HR-130Q-MW04-DS-YP0010-REG	YP0010	3-Oct-00	3 to 4 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	REG
HR-130Q-MW05	HR-130Q-MW05-SS-YP0011-REG	YP0011	3-Oct-00	0 to 1 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	SS	REG
	HR-130Q-MW05-DS-YP0012-REG	YP0012	3-Oct-00	7 to 8 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Volatiles by 8260B	DS	REG
HR-130Q-DEP01	HR-130Q-DEP01-DEP-YP0013-REG	YP0013	15-Jan-01	0 to .5 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	DEP	REG
HR-130Q-DEP02	HR-130Q-DEP02-DEP-YP0014-REG	YP0014	15-Jan-01	0 to .5 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	DEP	REG

Ft. McClellan
Parcel HR-130Q
Former Mock Village at Yahoo Lake Soil Analytical Summary
Project No. 796887

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth	Analytical Suite	Sample Type	Sample Purpose
HR-130Q-DEP03	HR-130Q-DEP03-DEP-YP0015-REG	YP0015	15-Jan-01	0 to .5 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	DEP	REG
	HR-130Q-DEP03-DEP-YP0015-MS	YP0015-MS	15-Jan-01	0 to .5 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	DEP	MS
	HR-130Q-DEP03-SD-YP0015-MSD	YP0015-MSD	15-Jan-01	0 to .5 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	DEP	MSD
	HR-130Q-DEP03-DEP-YP0016-FD	YP0016	15-Jan-01	0 to .5 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	DEP	FD
HR-130Q-DEP04	HR-130Q-DEP04-DEP-YP0018-REG	YP0018	15-Jan-01	0 to .5 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	DEP	REG

Ft. McClellan
Parcel HR-130Q
Former Mock Village at Yahoo Lake Groundwater Analytical Summary
Project No. 796887

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth	Analytical Suite	Sample Type	Sample Purpose
HR-130Q-MW01	HR-130Q-MW01-GW-YP3001-REG	YP3001	26-Jul-01	24 to 39 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
	HR-130Q-MW01-GW-YP3001-MS-MS	YP3001-MS	26-Jul-01	24 to 39 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	MS
	HR-130Q-MW01-GW-YP3001-MSD-MSD	YP3001-MSD	26-Jul-01	24 to 39 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	MSD
	HR-130Q-MW01-GW-YP3015-REG	YP3015	21-Oct-02	24 to 39 ft	Volatiles by 8260B	GW	REG
HR-130Q-MW02	HR-130Q-MW02-GW-YP3002-REG	YP3002	27-Jul-01	18 - 38 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
HR-130Q-MW03	HR-130Q-MW03-GW-YP3003-REG	YP3003	21-May-01	7 to 22 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
	HR-130Q-MW03-GW-YP3004-FD	YP3004	21-May-01	7 to 22 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	FD
	HR-130Q-MW03-GW-YP3014-REG	YP3014	22-May-02	7 to 22 ft	Volatiles by 8260B	GW	REG
	HR-130Q-MW03-GW-YP3017-REG	YP3017	8-Oct-02	7 to 22 ft	Volatiles by 8260B	GW	REG
HR-130Q-MW04	HR-130Q-MW04-GW-YP3006-REG	YP3006	27-Jul-01	215 - 235 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
	HR-130Q-MW04-GW-YP3019-REG	YP3019	16-Oct-02	215 - 235 ft	Volatiles by 8260B	GW	REG
HR-130Q-MW05	HR-130Q-MW05-GW-YP3007-REG	YP3007	3-May-01	50 to 70 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	GW	REG
	HR-130Q-MW05-GW-YP3020-REG	YP3020	17-Oct-02	50 to 70 ft	Volatiles by 8260B	GW	REG
	HR-130Q-MW05-GW-YP3020-MS-MS	YP3020-MS	17-Oct-02	50 to 70 ft	Volatiles by 8260B	GW	MS
	HR-130Q-MW05-GW-YP3020-MSD-MSD	YP3020-MSD	17-Oct-02	50 to 70 ft	Volatiles by 8260B	GW	MSD
HR-130Q-MW06	HR-130Q-MW06-GW-YP3008-REG	YP3008	21-May-02	130 to 150 ft	Volatiles by 8260B	GW	REG
	HR-130Q-MW06-GW-YP3008-MS-MS	YP3008-MS	21-May-02	130 to 150 ft	Volatiles by 8260B	GW	MS
	HR-130Q-MW06-GW-YP3008-MSD-MSD	YP3008-MSD	21-May-02	130 to 150 ft	Volatiles by 8260B	GW	MSD
	HR-130Q-MW06-GW-YP3021-REG	YP3021	9-Oct-02	130 to 150 ft	Volatiles by 8260B	GW	REG
	HR-130Q-MW06-GW-YP3018-FD	YP3018	9-Oct-02	130 to 150 ft	Volatiles by 8260B	GW	FD
HR-130Q-MW07	HR-130Q-MW07-GW-YP3009-REG	YP3009	24-May-02	76 to 106 ft	Volatiles by 8260B	GW	REG
	HR-130Q-MW07-GW-YP3010-FD	YP3010	24-May-02	76 to 106 ft	Volatiles by 8260B	GW	FD
	HR-130Q-MW07-GW-YP3022-REG	YP3022	10-Oct-02	86 to 106 ft	Volatiles by 8260B	GW	REG
HR-130Q-MW08	HR-130Q-MW08-GW-YP3011-REG	YP3011	16-May-02	51 to 71 ft	Volatiles by 8260B	GW	REG
	HR-130Q-MW08-GW-YP3023-REG	YP3023	7-Oct-02	51 to 71 ft	Volatiles by 8260B	GW	REG
HR-130Q-MW09	HR-130Q-MW09-GW-YP3012-REG	YP3012	15-May-02	60 to 80 ft	Volatiles by 8260B	GW	REG
	HR-130Q-MW09-GW-YP3024-REG	YP3024	7-Oct-02	60 to 80 ft	Volatiles by 8260B	GW	REG
HR-130Q-MW10	HR-130Q-MW10-GW-YP3013-REG	YP3013	15-May-02	108 to 138 ft	Volatiles by 8260B	GW	REG
	HR-130Q-MW10-GW-YP3025-REG	YP3025	18-Oct-02	108 to 138 ft	Volatiles by 8260B	GW	REG

Ft. McClellan
Parcel HR-130Q
Former Mock Village at Yahoo Lake Sediment / Surface Water Analytical Summary
Project No. 796887

Sample Location	Sample Name	Sample Number	Date Sampled	Sample Depth	Analytical Suite	Sample Type	Sample Purpose
HR-130Q-SW/SD05	HR-130Q-SW/SD05-SD-YP1007-REG	YP1007	15-Jan-01	0 to .5 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	SD	REG
	HR-130Q-SW/SD05-SW-YP2007-REG	YP2007	15-Jan-01	0 to 0 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	SW	REG
HR-130Q-SW/SD06	HR-130Q-SW/SD06-SD-YP1008-REG	YP1008	15-Jan-01	0 to .5 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7471A Total Organic Carbon by 9060 Volatiles by 8260B	SD	REG
	HR-130Q-SW/SD06-SW-YP2008-REG	YP2008	15-Jan-01	0 to 0 ft	Nitroaromatics by 8330 Semivolatiles by 8270C TAL Metals by 6010B/7470A Volatiles by 8260B	SW	REG

ATTACHMENT B

DATA VALIDATION SUMMARY REPORT

Data Validation Summary Report
For the Site Investigation Performed at the
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

1.0 Introduction

Level III data validation was performed on 100 percent of the environmental samples collected at Parcel 130Q-X. The analytical data consisted of delivery groups (SDGs) 10130Q-01 through 10130Q-15, which were analyzed by EMAX Laboratories. The chemical parameters for which the samples were analyzed, are identified below:

Parameter (Method)
Volatile Organics by GC/MS SW846 8260B
Semivolatile Organics by GC/MS SW846 8270C
Metals by SW846 6010B and 7470A/7471A
Nitroaromatic and Nitramine Explosives by SW846 8330
Total Organic Carbon by SW846 9060

2.0 Procedures

The sample data were validated following the logic identified in the 2002 *EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* and the 1999 *EPA Contract Laboratory Program National Functional Guidelines for Organic Review* for all areas except blanks. *EPA Region III Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses* (April 1993) and *Region III National Functional Guidelines for Organic Data Review* (September 1994) were applied to the areas associated with blank contamination. Specific quality control (QC) criteria as identified in the quality assurance plan (QAP), analytical methods, and laboratory standard operating procedures (SOP) were applied to all sample results. As a result of the use of Update III SW846 test methods for the analytical data and the application of the Contract Laboratory Program (CLP) guidelines during the validation process, there were instances where specific QC requirements for all target compounds were not defined. This primarily occurred in the organic, gas chromatography (GC) and GC/mass spectrometry (MS) calibration areas and is due to the fact that the analytical methods are performance-based and allow the use of average calibration responses in lieu of individual responses, which are defined by CLP protocol. In light of applying CLP guidelines to SW846 methods and evaluating the usability of the data during the validation process, specific QC criteria were determined to address all target compounds and are identified in this report for each parameter, as well as in the validation checklists, which function as worksheets. All completed validation checklists are on file in the Knoxville office. For those analytical methods not addressed by the CLP and Region III guidelines, the validation was based on the method requirements (i.e., SW846, Code of Federal Regulations, SOPs) and technical judgement,

following the logic of the CLP validation guidelines.

3.0 Summary of Data Validation Findings

The overall quality of the data was determined to be acceptable with minimal qualifications. The only rejected data ("R" qualified) was due to "poor performing" volatile compounds (ketones, some halogenated hydrocarbons, etc.), which experienced poor calibration responses in the associated calibration data and samples with multiple results. The "R" qualifier was also assigned to the samples with more than one set of results to indicate that a given result should not be used to characterize a particular constituent or an analysis for a given sample.

Individual validation reports have been prepared for each parameter, and the overall results of the validation findings are summarized in this report. The validation qualifier data entry verification report (Attachment 1) is also provided. This is a complete listing of all of the analytical results and the validation qualifiers assigned for the site investigation at HR-130Q. It also identifies the "use" column, which indicates which result to use in the event of a reanalysis. A listing of the validation qualifiers and the reason codes, along with their definitions, is also found in Attachment 1. The following section highlights the key findings of the data validation for each analysis.

4.0 Analysis-Specific Data Validation Summaries

4.1 Volatile Organics by GC/MS SW846 8260B

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

The initial calibration (ICAL) and continuing calibrations (CCAL) associated with the project samples met QC criteria, with the following exception(s):

- The following exhibited individual ICAL/CCAL relative response factor (RRF) <0.1:

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-01	YP0001, YP0002, YP0003, YO0004, YP0005, YP0006, YP0007, YP0009, YP0010, YP0011, YP0012	Acetone	R/J

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-03	YP0013, YP0014, YP0015, YP0016, YP0018, YP1007, YP1008	Acetone	J
10130Q-06	YP3001, YP3002, YP3006	Acetone, 2-Butanone (MEK)	R
10130Q-07	YP3012, YP3013	Acetone, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 2-Hexanone (MBK)	R
10130Q-08	YP3011	Acetone, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 2-Hexanone (MBK)	R
10130Q-09	YP3008, YP3014	Acetone, 2-Butanone (MEK)	R
10130Q-10	YP3009, YP3010	Acetone, 2-Butanone (MEK)	R
10130Q-11	YP3017, YP3023, YP3024	2-Butanone (MEK), 2-Hexanone (MBK)	R
10130Q-12	YP3018, YP3021, YP3022	Acetone, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 2-Hexanone (MBK)	R
10130Q-13	YP3019	Acetone, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 2-Hexanone (MBK)	R
10130Q-14	YP3020	2-Butanone (MEK), 2-Hexanone (MBK)	R
10130Q-15	YP3015, YP3025	Acetone, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), 2-Hexanone (MBK)	R/J

- The following exhibited individual CCAL percent difference (%D) >20:

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-01	YP0001, YP0002, YP0003, YO0004, YP0005, YP0006	Carbon disulfide	J
	YP0007, YP0009, YP0010, YP0011, YP0012	Dichlorodifluoromethane	UJ
10130Q-02	YP2007, YP2008	sec-Dichloropropane	UJ
10130Q-03	YP0013, YP0014, YP0015, YP0016, YP0018, YP1007, YP1008	Acetone	J
10130Q-04	YP3007	2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Bromomethane, Carbon disulfide, Dichlorodifluoromethane, Naphthalene	UJ
10130Q-06	YP3001, YP3002, YP3006	Carbon tetrachloride, Chloromethane	UJ

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-07	YP3012, YP3013	1,2-Dibromo-3-Chloropropane, 1,2-Dichloroethane, Bromoform, Carbon tetrachloride, Dibromochloromethane, trans-1,3-Dichloropropene, Trichlorofluoromethane	UJ
10130Q-08	YP3011	1,2-Dibromo-3-Chloropropane, 1,2-Dichloroethane, Bromoform, Carbon tetrachloride, Dibromochloromethane, trans-1,3-Dichloropropene, Trichlorofluoromethane	UJ
10130Q-10	YP3009, YP3010	Dichlorodifluoromethane	UJ
10130Q-11	YP3017, YP3023, YP3024	2-Butanone (MEK), 2-Hexanone (MBK), 1,1,1,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2-Dibromomethane, 1,2-Dichloroethane, 1,3-Dichloropropane, 4-Methyl-2-pentanone (MIBK), Acetone, Bromochloromethane, Bromodichloromethane, cis-1,3-Dichloropropene, Dibromochloromethane, Dibromomethane, trans-1,3-Dichlropropene	R/UJ
10130Q-12	YP3018, YP3021, YP3022	Chloromethane, Dichlorodifluoromethane, Hexachlorobutadiene	UJ
10130Q-13	YP3019	Carbon disulfide, Chloromethane, Dichlorodifluoromethane, Hexachlorobutadiene, sec-Dichloropropane	UJ
10130Q-14	YP3020	1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene	UJ
10130Q-15	YP3015, YP3025	2-Butanone (MEK), Acetone, 1,2-Dichloroethane, Dichlorodifluoromethane, Hexachlorobutadiene, Naphthalene	R/UJ

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses, trip, and method blanks was applied to all sample results. All were found to be acceptable with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
10130Q-01	YP0007, YP0009, YP0010, YP0011, YP0012	Methylene Chloride	ER	B
	YP0003, YP0004, YP0005, YP0006	Methylene Chloride	Method/ER	B
10130Q-02	YP2007, YP2008	Methylene Chloride	Method	B
10130Q-03	YP0013, YP0014, YP0015, YP0016, YP0018, YP1007, YP1008	Methylene Chloride	Method	B
10130Q-05	YP3003	Methylene Chloride	Method	B
10130Q-07	YP3013	Methylene Chloride	TB	B
10130Q-11	YP3023	Methylene Chloride	ER/TB	B

SDG Number	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
10130Q-12	YP3018	Methylene Chloride	ER/TB	B
10130Q-14	YP3020	Methylene Chloride	TB	B
10130Q-15	YP3025	Acetone	ER	B

Surrogate Recoveries

All surrogate recoveries were within QC limits.

Matrix Spike / Matrix Spike Duplicate

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

Laboratory Control Sample (LCS) analysis was performed for the project samples, and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated, and RPD QC criteria (35% Water/ 50% Soil) were met for the project samples with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-03	YP0015 (Original), YP0016 (FD)	Acetone, Methylene Chloride	J/B

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

Internal Standards

All internal standards met QC criteria.

Quantitation

Results quantitated between the method detection limit (MDL) and the reporting limit (RL), which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.2 Semivolatile Organics by GC/MS SW846 8270C

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

The initial calibration (ICAL) and continuing calibrations (CCAL) associated with the project samples met QC criteria, with the following exception(s):

- The following exhibited individual CCAL percent difference (%D) >20:

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-05	YP3003, YP3004	2-Nitroaniline, 4,6-Dinitro-2-methylphenol, bis(2-Chloroisopropyl)ether	UJ

Blanks

The 5X/10X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were acceptable with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
10130Q-05	YP3004	bis(2-Ethylhexyl)phthalate	Method	B

Surrogate Recoveries

All surrogate recoveries were within QC criteria.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met, with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-05	YP3003, YP3004	1,4-Dichlorobenzene, n-Nitroso-di-n-propylamine	UJ

Field Duplicates
Original and field duplicate results were evaluated, and all QC criteria were met.

Internal Standards
All internal standards met QC criteria.

Quantitation
Results quantified between the MDL and the RL, which the lab qualified as "J," were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.3 Metals by SW846 6010B/7470A/7471A

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times
Technical holding time criteria were met for all samples.

Initial and Continuing Calibrations
All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks
The 5X rule for contaminants found in the associated equipment rinse, calibration, and method blanks was applied to all sample results. All were acceptable with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
10130Q-01	YP0001, YP0002, YP0005, YP0006, YP0007, YP0009, YP0010, YP0011, YP0012	Cobalt	Method/Calibration	B
	YP0001, YP0002, YP0003, YP0004, YP0005, YP0006, YP0007, YP0009, YP0010, YP0011	Potassium	Method/Calibration	B
	YP0002, YP0005, YP0006, YP0007, YP0009, YP0011, YP0012	Beryllium	Calibration	B
	YP0002	Arsenic	Calibration	B
	YP0001, YP0002, YP0003, YP0004, YP0007, YP0009, YP0010, YP0011	Selenium	Calibration	B

SDG Number	Samples Affected	Compound(s)	Blank Contaminant	Validation Qualifier
	YP0001, YP0004, YP0006, YP0007, YP0009, YP0010, YP0011	Silver	Calibration	B
10130Q-03	YP0013, YP0014, YP0015, YP0016, YP0018	Nickel	Calibration	B
	YP0015	Silver	Calibration	B
10130Q-04	YP3007	Calcium, Magnesium	ER	B
10130Q-05	YP3003, YP3004	Calcium, Magnesium	ER	B
10130Q-06	YP3001, YP3002, YP3006	Iron	Calibration/ER	B
	YP3001	Zinc	Calibration	B
	YP3001, YP3006	Manganese	Calibration	B
	YP3001	Calcium	ER	B
	YP3002, YP3006	Magnesium	Calibration	B

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met, with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-01	All Samples	Antimony	UJ
10130Q-03	All Samples	Antimony	UJ

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

Interference Check Sample

All Interference Check Sample (ICS) percent recoveries were acceptable. All QC criteria were met.

Inductively Coupled Plasma Serial Dilutions

All QC criteria were met for the serial dilutions associated with the project samples with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-01	All Samples	Antimony, Zinc	J
10130Q-03	All Samples	Zinc	J

Field Duplicates

Original and field duplicate results were evaluated, and RPD QC criteria (35% Water/ 50% Soil) were met with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-03	YP0015 (Original), YP0016 (FD)	Cobalt, Manganese	J

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.4 Nitroaromatic and Nitramine Explosives by SW846 8330

Overall, the data are of good quality and are usable as reported by the laboratory with the exceptions noted below. Data were reviewed for the following:

Holding Times

Technical holding time criteria were met for all samples.

Initial and Continuing Calibration

All initial and continuing calibrations associated with the project samples met QC criteria with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-05	YP3003, YP3004	HMX, Tetryl	UJ

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Surrogate Recoveries
All surrogate recoveries were within QC criteria.

Matrix Spike / Matrix Spike Duplicate
MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample
LCS analysis was performed for the project samples, and all QC criteria were met with the following exception(s):

SDG Number	Samples Affected	Compound(s)	Validation Qualifier
10130Q-04	YP3007	1,3,5-Trinitrobenzene, 1,3-Dinitrobenzene, 2,4,6-Trinitrotoluene, HMX, Tetryl	UJ

2ND Column Confirmation
The percent difference QC criteria between columns for analyte concentrations were met.

Field Duplicates
Original and field duplicate results were evaluated, and no problems were identified.

Quantitation
Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

4.5 Total Organic Carbon by SW846 9060

Overall, the data are of good quality and are usable as reported by the laboratory. Data were reviewed for the following:

Holding Times
Technical holding time criteria were met for all samples.

Initial and Continuing Calibration
All initial and continuing calibrations associated with the project samples met QC criteria.

Blanks

The 5X rule for contaminants found in the associated equipment rinses and method blanks was applied to all sample results. All were found to be acceptable.

Matrix Spike / Matrix Spike Duplicate

MS/MSD analysis was performed for the project samples, and all QC criteria were met.

Laboratory Control Sample

LCS analysis was performed for the project samples, and all QC criteria were met.

Field Duplicates

Original and field duplicate results were evaluated, and no problems were identified.

Quantitation

Results quantified between the MDL and the RL, which the lab qualified as "J", were qualified as estimated "J" unless blank contamination was present or the results were rejected. Results rejected in favor of a preferred result (e.g., due to dilution or reanalysis) were qualified as rejected "R".

Attachment 1:

Data Validation Qualifier Entry Verification Report

Validation Qualifiers

U Not detected. The compound/analyte was analyzed for, but not detected above the associated reporting limit.

J The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed.

B The concentration reported was detected significantly above the levels reported in the associated equipment rinse samples and/or laboratory method and trip blanks. (5X/10X Rule was applied).

R The reported sample results are rejected due to the following:

1. Severe deficiencies in the supporting quality control data.
2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data.
3. The presence or absence of the constituent cannot be verified based on the data provided.
4. To indicate not to use a particular result in the event of a reanalysis.

UJ The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the "nondetect" may be inaccurate or imprecise. The nondetect result should be estimated.

Validation Reason Code Definitions

Reason Code	Definition
01	Sample received outside of 4+/-2 degrees Celsius
01A	Improper sample preservation
02	Holding time exceeded
02A	Extraction
02B	Analysis
03	Instrument performance – outside criteria
03A	BFB
03B	DFTPP
03C	DDT and/or Endrin % breakdown exceeds criteria
03D	Retention time windows
03E	Resolution
04	Initial calibration results outside specified criteria
04A	Compound mean RRF QC criteria not met
04B	Individual % RSD criteria not met
04C	Correlation coefficient >0.995
05	Continuing calibration results outside specified criteria
05A	Compound mean RRF QC criteria not met
05B	Compound % D QC criteria not met
06	Result qualified as a result of the 5x/10x blank correction
06A	Method or preparation blank
06B	ICB or CCB
06C	ER
06D	TB
06E	FB
07	Surrogate recoveries outside control limits
07A	Sample
07B	Associated method blank or LCS
08	MS/MSD/Duplicate results outside criteria
08A	MS and/or MSD recovery not within control limits (accuracy)
08B	% RPD outside acceptance criteria (precision)
09	Post digestion spike outside criteria (GFAA)
10	Internal standards outside specified control limits
10A	Recovery
10B	Retention time
11	Laboratory control sample recoveries outside specified limits
11A	Recovery
11B	% RPD (if run in duplicate)
12	Interference check standard
13	Serial dilution
14	Tentatively identified compounds
15	Quantitation
16	Multiple results available; alternate analysis preferred
17	Field duplicate RPD criteria is exceeded
18	Percent difference between original and second column exceeds QC criteria
19	Professional judgement was used to qualify the data
20	Pesticide clean-up checks
21	Target compound identification
22	Radiological calibration
23	Radiological quantitation
24	Reported result and/or lab qualifier revised to reflect validation findings

Validation Qualifier Data Entry Verification

Fort McClellan

Run Date: March 19, 2003

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-02																		
YP2007	SW6010B	SW3010	N 0 1	ALUMINUM	.382	mg/L		Y	Y	P							A125-01	21:21
				ANTIMONY	.1	mg/L	U	N	Y	U	U						A125-01	21:21
				ARSENIC	.01	mg/L	U	N	Y	U	U						A125-01	12:35
				BARIUM	.0263	mg/L		Y	Y	P							A125-01	21:21
				BERYLLIUM	.001	mg/L	U	N	Y	U	U						A125-01	21:21
				CADMIUM	.01	mg/L	U	N	Y	U	U						A125-01	21:21
				CALCIUM	20.2	mg/L		Y	Y	P							A125-01	21:21
				CHROMIUM	.01	mg/L	U	N	Y	U	U						A125-01	21:21
				COBALT	.02	mg/L	U	N	Y	U	U						A125-01	21:21
				COPPER	.02	mg/L	U	N	Y	U	U						A125-01	21:21
				IRON	2.93	mg/L		Y	Y	P							A125-01	21:21
				LEAD	.01	mg/L	U	N	Y	U	U						A125-01	12:35
				MAGNESIUM	1.28	mg/L		Y	Y	P							A125-01	21:21
				MANGANESE	.195	mg/L		Y	Y	P							A125-01	21:21
				NICKEL	.02	mg/L	U	N	Y	U	U						A125-01	21:21
				POTASSIUM	5	mg/L	U	N	Y	U	U						A125-01	21:21
				SELENIUM	.01	mg/L	U	N	Y	U	U						A125-01	12:35
				SILVER	.01	mg/L	U	N	Y	U	U						A125-01	21:21
				SODIUM	.88	mg/L	J	Y	Y	P	J		15				A125-01	21:21
				THALLIUM	.01	mg/L	U	N	Y	U	U						A125-01	12:35
				VANADIUM	.01	mg/L	U	N	Y	U	U						A125-01	21:21
				ZINC	.00847	mg/L	J	Y	Y	P	J		15				A125-01	21:21
	SW7470A	TOTAL	N 0 1	MERCURY	.0005	mg/L	U	N	Y	U	U						A125-01	15:44
YP2008	SW6010B	SW3010	N 0 1	ALUMINUM	.18	mg/L	J	Y	Y	P	J		15				A125-02	21:26
				ANTIMONY	.1	mg/L	U	N	Y	U	U						A125-02	21:26
				ARSENIC	.01	mg/L	U	N	Y	U	U						A125-02	12:39
				BARIUM	.0246	mg/L		Y	Y	P							A125-02	21:26
				BERYLLIUM	.001	mg/L	U	N	Y	U	U						A125-02	21:26
				CADMIUM	.01	mg/L	U	N	Y	U	U						A125-02	21:26
				CALCIUM	19.4	mg/L		Y	Y	P							A125-02	21:26
				CHROMIUM	.01	mg/L	U	N	Y	U	U						A125-02	21:26
				COBALT	.02	mg/L	U	N	Y	U	U						A125-02	21:26
				COPPER	.02	mg/L	U	N	Y	U	U						A125-02	21:26
				IRON	2.81	mg/L		Y	Y	P							A125-02	21:26
				LEAD	.00198	mg/L	J	Y	Y	P	J		15				A125-02	12:39
				MAGNESIUM	1.13	mg/L		Y	Y	P							A125-02	21:26
				MANGANESE	.294	mg/L		Y	Y	P							A125-02	21:26
				NICKEL	.02	mg/L	U	N	Y	U	U						A125-02	21:26
				POTASSIUM	5	mg/L	U	N	Y	U	U						A125-02	21:26
				SELENIUM	.01	mg/L	U	N	Y	U	U						A125-02	12:39

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-02																				
YP2008	SW6010B	SW3010	N	0	1	SILVER	.01	mg/L	U	N	Y	U	U						A125-02	21:26
						SODIUM	.88	mg/L	J	Y	Y	P	J		15				A125-02	21:26
						THALLIUM	.01	mg/L	U	N	Y	U	U						A125-02	12:39
						VANADIUM	.01	mg/L	U	N	Y	U	U						A125-02	21:26
						ZINC	.02	mg/L	U	N	Y	U	U						A125-02	21:26
	SW7470A	TOTAL	N	0	1	MERCURY	.0005	mg/L	U	N	Y	U	U						A125-02	15:46
YP2007	SW8330	METHOD	N	0	1	1,3,5-TNB	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						1,3-DNB	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						2,4,6-TNT	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						2,4-DNT	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						2,6-DNT	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						2-AM-4,6-DNT	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						2-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						3-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						4-AM-2,6-DNT	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						4-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						HMX	.001	mg/L	U	N	Y	U	U						A125-01	15:02
						NITROBENZENE	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						RDX	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
						TETRYL	.0004	mg/L	U	N	Y	U	U						A125-01	15:02
YP2008	SW8330	METHOD	N	0	1	1,3,5-TNB	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						1,3-DNB	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						2,4,6-TNT	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						2,4-DNT	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						2,6-DNT	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						2-AM-4,6-DNT	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						2-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						3-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						4-AM-2,6-DNT	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						4-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						HMX	.001	mg/L	U	N	Y	U	U						A125-02	15:42
						NITROBENZENE	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						RDX	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
						TETRYL	.0004	mg/L	U	N	Y	U	U						A125-02	15:42
YP2007	SW8270C	SW3520	N	0	.94	1,2,4-TRICHLOROBENZENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
						1,2-DICHLOROBENZENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
						1,3-DICHLOROBENZENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
						1,4-DICHLOROBENZENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
						2,4,5-TRICHLOROPHENOL	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
						2,4,6-TRICHLOROPHENOL	.024	mg/L	U	N	Y	U	U						A125-01	14:42

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-02																		
YP2007	SW8270C	SW3520	N 0 .94	2,4-DICHLOROPHENOL	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				2,4-DIMETHYLPHENOL	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				2,4-DINITROPHENOL	.024	mg/L	U	N	Y	U	U						A125-01	14:42
				2,4-DINITROTOLUENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				2,6-DINITROTOLUENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				2-CHLORONAPHTHALENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				2-CHLOROPHENOL	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				2-METHYLNAPHTHALENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				2-METHYLPHENOL	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				2-NITROANILINE	.024	mg/L	U	N	Y	U	U						A125-01	14:42
				2-NITROPHENOL	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				3,3'-DICHLOROBENZIDINE	.024	mg/L	U	N	Y	U	U						A125-01	14:42
				3-NITROANILINE	.024	mg/L	U	N	Y	U	U						A125-01	14:42
				4,6-DINITRO-2-METHYLPHENOL	.024	mg/L	U	N	Y	U	U						A125-01	14:42
				4-BROMOPHENYL-PHENYL ETHER	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				4-CHLORO-3-METHYLPHENOL	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				4-CHLOROANILINE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				4-CHLOROPHENYL-PHENYL ETHER	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				4-METHYLPHENOL	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				4-NITROANILINE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				4-NITROPHENOL	.024	mg/L	U	N	Y	U	U						A125-01	14:42
				ACENAPHTHENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				ACENAPHTHYLENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				ANTHRACENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BENZO(A)ANTHRACENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BENZO(A)PYRENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BENZO(B)FLUORANTHENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BENZO(G,H,I)PERYLENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BENZO(K)FLUORANTHENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BIS(2-CHLOROETHOXY)METHANE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BIS(2-CHLOROETHYL)ETHER	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BIS(2-CHLOROISOPROPYL)ETHER	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BIS(2-ETHYLHEXYL)PHTHALATE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				BUTYLBENZYLPHTHALATE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				CARBAZOLE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				CHRYSENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				DI-N-BUTYLPHTHALATE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				DI-N-OCTYLPHTHALATE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				DIBENZO(A,H)ANTHRACENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				DIBENZOFURAN	.0094	mg/L	U	N	Y	U	U						A125-01	14:42

Validation Qualifier Data Entry Verification
Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-02																		
YP2007	SW8270C	SW3520	N 0 .94	DIETHYLPHTHALATE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				DIMETHYLPHTHALATE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				FLUORANTHENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				FLUORENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				HEXACHLOROBENZENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				HEXACHLOROBUTADIENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				HEXACHLOROCYCLOPENTADIENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				HEXACHLOROETHANE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				INDENO(1,2,3-CD)PYRENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				ISOPHORONE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				N-NITROSO-DI-N-PROPYLAMINE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				N-NITROSODIPHENYLAMINE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				NAPHTHALENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				NITROBENZENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				PENTACHLOROPHENOL	.024	mg/L	U	N	Y	U	U						A125-01	14:42
				PHENANTHRENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				PHENOL	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
				PYRENE	.0094	mg/L	U	N	Y	U	U						A125-01	14:42
YP2008	SW8270C	SW3520	N 0 .99	1,2,4-TRICHLOROBENZENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				1,2-DICHLOROBENZENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				1,3-DICHLOROBENZENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				1,4-DICHLOROBENZENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2,4,5-TRICHLOROPHENOL	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2,4,6-TRICHLOROPHENOL	.025	mg/L	U	N	Y	U	U						A125-02	15:49
				2,4-DICHLOROPHENOL	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2,4-DIMETHYLPHENOL	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2,4-DINITROPHENOL	.025	mg/L	U	N	Y	U	U						A125-02	15:49
				2,4-DINITROTOLUENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2,6-DINITROTOLUENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2-CHLORONAPHTHALENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2-CHLOROPHENOL	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2-METHYLNAPHTHALENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2-METHYLPHENOL	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				2-NITROANILINE	.025	mg/L	U	N	Y	U	U						A125-02	15:49
				2-NITROPHENOL	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				3,3'-DICHLOROBENZIDINE	.025	mg/L	U	N	Y	U	U						A125-02	15:49
				3-NITROANILINE	.025	mg/L	U	N	Y	U	U						A125-02	15:49
				4,6-DINITRO-2-METHYLPHENOL	.025	mg/L	U	N	Y	U	U						A125-02	15:49
				4-BROMOPHENYL-PHENYL ETHER	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				4-CHLORO-3-METHYLPHENOL	.0099	mg/L	U	N	Y	U	U						A125-02	15:49

Validation Qualifier Data Entry Verification
Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-02																		
YP2008	SW8270C	SW3520	N 0 .99	4-CHLOROANILINE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				4-CHLOROPHENYL-PHENYL ETHER	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				4-METHYLPHENOL	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				4-NITROANILINE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				4-NITROPHENOL	.025	mg/L	U	N	Y	U	U						A125-02	15:49
				ACENAPHTHENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				ACENAPHTHYLENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				ANTHRACENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BENZO(A)ANTHRACENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BENZO(A)PYRENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BENZO(B)FLUORANTHENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BENZO(G,H,I)PERYLENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BENZO(K)FLUORANTHENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BIS(2-CHLOROETHOXY)METHANE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BIS(2-CHLOROETHYL)ETHER	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BIS(2-CHLOROISOPROPYL)ETHER	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BIS(2-ETHYLHEXYL)PHTHALATE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				BUTYLBENZYLPHTHALATE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				CARBAZOLE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				CHRYSENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				DI-N-BUTYLPHTHALATE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				DI-N-OCTYLPHTHALATE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				DIBENZO(A,H)ANTHRACENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				DIBENZOFURAN	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				DIETHYLPHTHALATE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				DIMETHYLPHTHALATE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				FLUORANTHENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				FLUORENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				HEXACHLOROBENZENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				HEXACHLOROBUTADIENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				HEXACHLOROCYCLOPENTADIENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				HEXACHLOROETHANE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				INDENO(1,2,3-CD)PYRENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				ISOPHORONE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				N-NITROSO-DI-N-PROPYLAMINE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				N-NITROSODIPHENYLAMINE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				NAPHTHALENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				NITROBENZENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				PENTACHLOROPHENOL	.025	mg/L	U	N	Y	U	U						A125-02	15:49
				PHENANTHRENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49

Validation Qualifier Data Entry Verification
Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-02																		
YP2008	SW8270C	SW3520	N 0 .99	PHENOL	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
				PYRENE	.0099	mg/L	U	N	Y	U	U						A125-02	15:49
YP2007	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,1,1-TRICHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,1,2,2-TETRACHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,1,2-TRICHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,1-DICHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,1-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,1-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,2,3-TRICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,2,3-TRICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,2,4-TRICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,2,4-TRIMETHYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/L	U	N	Y	U	U						A125-01	15:39
				1,2-DIBROMOETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,2-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,2-DICHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,2-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,3,5-TRIMETHYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,3-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,3-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				2,2-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	UJ		05B				A125-01	15:39
				2-BUTANONE	.02	mg/L	U	N	Y	U	U						A125-01	15:39
				2-CHLOROTOLUENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				2-HEXANONE	.02	mg/L	U	N	Y	U	U						A125-01	15:39
				4-CHLOROTOLUENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						A125-01	15:39
				ACETONE	.02	mg/L	U	N	Y	U	U						A125-01	15:39
				BENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				BROMOBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				BROMOCHLOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				BROMODICHLOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				BROMOFORM	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				BROMOMETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				CARBON DISULFIDE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				CARBON TETRACHLORIDE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				CHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				CHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				CHLOROFORM	.005	mg/L	U	N	Y	U	U						A125-01	15:39

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-02																		
YP2007	SW8260B	SW5030	N 0 1	CHLOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				CIS-1,2-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				CIS-1,3-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				DIBROMOCHLOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				DIBROMOMETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				DICHLORODIFLUOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				ETHYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				HEXACHLOROBUTADIENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				ISOPROPYL BENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				M/P-XYLENES	.01	mg/L	U	N	Y	U	U						A125-01	15:39
				METHYLENE CHLORIDE	.0017	mg/L	JB	Y	Y	F	B		06A				A125-01	15:39
				N-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				N-PROPYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				NAPHTHALENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				O-XYLENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				P-ISOPROPYLTOLUENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				SEC-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				STYRENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				TERT-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				TETRACHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				TOLUENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				TRANS-1,2-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				TRANS-1,3-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				TRICHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				TRICHLOROFLUOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
				VINYL CHLORIDE	.005	mg/L	U	N	Y	U	U						A125-01	15:39
YP2008	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,1,1-TRICHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,1,2,2-TETRACHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,1,2-TRICHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,1-DICHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,1-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,1-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,2,3-TRICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,2,3-TRICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,2,4-TRICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,2,4-TRIMETHYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/L	U	N	Y	U	U						A125-02	16:17
				1,2-DIBROMOETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,2-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-02																		
YP2008	SW8260B	SW5030	N 0 1	1,2-DICHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,2-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,3,5-TRIMETHYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,3-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,3-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				2,2-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	UJ		05B				A125-02	16:17
				2-BUTANONE	.02	mg/L	U	N	Y	U	U						A125-02	16:17
				2-CHLOROTOLUENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				2-HEXANONE	.02	mg/L	U	N	Y	U	U						A125-02	16:17
				4-CHLOROTOLUENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						A125-02	16:17
				ACETONE	.011	mg/L	J	Y	Y	P	J		15				A125-02	16:17
				BENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				BROMOBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				BROMOCHLOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				BROMODICHLOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				BROMOFORM	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				BROMOMETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				CARBON DISULFIDE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				CARBON TETRACHLORIDE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				CHLOROBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				CHLOROETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				CHLOROFORM	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				CHLOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				CIS-1,2-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				CIS-1,3-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				DIBROMOCHLOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				DIBROMOMETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				DICHLORODIFLUOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				ETHYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				HEXACHLOROBUTADIENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				ISOPROPYL BENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				M/P-XYLENES	.01	mg/L	U	N	Y	U	U						A125-02	16:17
				METHYLENE CHLORIDE	.002	mg/L	JB	Y	Y	F	B		06A				A125-02	16:17
				N-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				N-PROPYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				NAPHTHALENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				O-XYLENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				P-ISOPROPYLTOLUENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-02																		
YP2008	SW8260B	SW5030	N 0 1	SEC-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				STYRENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				TERT-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				TETRACHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				TOLUENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				TRANS-1,2-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				TRANS-1,3-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				TRICHLOROETHENE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				TRICHLOROFLUOROMETHANE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
				VINYL CHLORIDE	.005	mg/L	U	N	Y	U	U						A125-02	16:17
10130Q-03																		
YP0013	SW6010B	SW3050	N 0 1	ALUMINUM	6950	mg/kg		Y	Y	P							A126-01	18:04
				ANTIMONY	12.7	mg/kg	U	N	Y	U	UJ		08A				A126-01	18:04
				ARSENIC	1.5	mg/kg		Y	Y	P							A126-01	15:53
				BARIUM	69.8	mg/kg		Y	Y	P							A126-01	18:04
				BERYLLIUM	.687	mg/kg	J	Y	Y	P	J		15				A126-01	18:04
				CADMIUM	.634	mg/kg	U	N	Y	U	U						A126-01	18:04
				CALCIUM	244	mg/kg		Y	Y	P							A126-01	18:04
				CHROMIUM	6.36	mg/kg		Y	Y	P							A126-01	18:04
				COBALT	2.39	mg/kg	J	Y	Y	P	J		15				A126-01	18:04
				COPPER	4.83	mg/kg		Y	Y	P							A126-01	18:04
				IRON	5980	mg/kg		Y	Y	P							A126-01	18:04
				LEAD	15.1	mg/kg		Y	Y	P							A126-01	15:53
				MAGNESIUM	261	mg/kg		Y	Y	P							A126-01	18:04
				MANGANESE	87.8	mg/kg		Y	Y	P							A126-01	18:04
				NICKEL	2.84	mg/kg		Y	Y	F	B		06B				A126-01	18:04
				POTASSIUM	309	mg/kg	J	Y	Y	P	J		15				A126-01	18:04
				SELENIUM	.739	mg/kg	J	Y	Y	P	J		15				A126-01	15:53
				SILVER	1.27	mg/kg	U	N	Y	U	U						A126-01	18:04
				SODIUM	25.2	mg/kg	J	Y	Y	P	J		15				A126-01	18:04
				THALLIUM	2.53	mg/kg	U	N	Y	U	U						A126-01	15:53
				VANADIUM	9.62	mg/kg		Y	Y	P							A126-01	18:04
				ZINC	11.8	mg/kg		Y	Y	P	J		13				A126-01	18:04
	SW7471A	TOTAL	N 0 1	MERCURY	.035	mg/kg	J	Y	Y	P	J		15				A126-01	15:15
YP0014	SW6010B	SW3050	N 0 1	ALUMINUM	7060	mg/kg		Y	Y	P							A126-02	18:09
				ANTIMONY	12.8	mg/kg	U	N	Y	U	UJ		08A				A126-02	18:09
				ARSENIC	1.11	mg/kg	J	Y	Y	P	J		15				A126-02	15:58
				BARIUM	38.1	mg/kg		Y	Y	P							A126-02	18:09
				BERYLLIUM	.574	mg/kg	J	Y	Y	P	J		15				A126-02	18:09

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10130Q-03																		
YP0014	SW6010B	SW3050	N 0 1	CADMIUM	.638	mg/kg	U	N	Y	U	U						A126-02	18:09
				CALCIUM	148	mg/kg		Y	Y	P							A126-02	18:09
				CHROMIUM	7.29	mg/kg		Y	Y	P							A126-02	18:09
				COBALT	2.55	mg/kg	U	N	Y	U	U						A126-02	18:09
				COPPER	4.05	mg/kg		Y	Y	P							A126-02	18:09
				IRON	5290	mg/kg		Y	Y	P							A126-02	18:09
				LEAD	14.4	mg/kg		Y	Y	P							A126-02	15:58
				MAGNESIUM	188	mg/kg		Y	Y	P							A126-02	18:09
				MANGANESE	18.3	mg/kg		Y	Y	P							A126-02	18:09
				NICKEL	1.08	mg/kg	J	Y	Y	F	B		06B				A126-02	18:09
				POTASSIUM	186	mg/kg	J	Y	Y	P	J		15				A126-02	18:09
				SELENIUM	.983	mg/kg	J	Y	Y	P	J		15				A126-02	15:58
				SILVER	1.28	mg/kg	U	N	Y	U	U						A126-02	18:09
				SODIUM	26.8	mg/kg	J	Y	Y	P	J		15				A126-02	18:09
				THALLIUM	2.55	mg/kg	U	N	Y	U	U						A126-02	15:58
				VANADIUM	10.3	mg/kg		Y	Y	P							A126-02	18:09
				ZINC	8.32	mg/kg		Y	Y	P	J		13				A126-02	18:09
	SW7471A	TOTAL	N 0 1	MERCURY	.037	mg/kg	J	Y	Y	P	J		15				A126-02	15:17
YP0015	SW6010B	SW3050	N 0 1	ALUMINUM	7730	mg/kg		Y	Y	P							A126-03	18:14
				ANTIMONY	12.4	mg/kg	U	N	Y	U	UJ		08A				A126-03	18:14
				ARSENIC	1.93	mg/kg		Y	Y	P							A126-03	16:03
				BARIUM	36	mg/kg		Y	Y	P							A126-03	18:14
				BERYLLIUM	.516	mg/kg	J	Y	Y	P	J		15				A126-03	18:14
				CADMIUM	.248	mg/kg	J	Y	Y	P	J		15				A126-03	18:14
				CALCIUM	123	mg/kg	J	Y	Y	P	J		15				A126-03	18:14
				CHROMIUM	9.48	mg/kg		Y	Y	P							A126-03	18:14
				COBALT	1.17	mg/kg	J	Y	Y	P	J		15	17			A126-03	18:14
				COPPER	6.24	mg/kg		Y	Y	P							A126-03	18:14
				IRON	8400	mg/kg		Y	Y	P							A126-03	18:14
				LEAD	17.9	mg/kg		Y	Y	P							A126-03	16:03
				MAGNESIUM	180	mg/kg		Y	Y	P							A126-03	18:14
				MANGANESE	40	mg/kg		Y	Y	P	J		17				A126-03	18:14
				NICKEL	1.09	mg/kg	J	Y	Y	F	B		06B				A126-03	18:14
				POTASSIUM	177	mg/kg	J	Y	Y	P	J		15				A126-03	18:14
				SELENIUM	1.24	mg/kg	U	N	Y	U	U						A126-03	16:03
				SILVER	.987	mg/kg	J	Y	Y	F	B		06B				A126-03	18:14
				SODIUM	30.3	mg/kg	J	Y	Y	P	J		15				A126-03	18:14
				THALLIUM	2.48	mg/kg	U	N	Y	U	U						A126-03	16:03
				VANADIUM	15.4	mg/kg		Y	Y	P							A126-03	18:14
				ZINC	31.3	mg/kg		Y	Y	P	J		13				A126-03	18:14

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0015	SW7471A	TOTAL	N 0 1	MERCURY	.026	mg/kg	J	Y	Y	P	J		15				A126-03	15:19
YP0016	SW6010B	SW3050	N 0 1	ALUMINUM	7420	mg/kg		Y	Y								A126-04	18:18
				ANTIMONY	11.9	mg/kg	U	N	Y		UJ		08A				A126-04	18:18
				ARSENIC	1.77	mg/kg		Y	Y								A126-04	16:07
				BARIUM	26.7	mg/kg		Y	Y								A126-04	18:18
				BERYLLIUM	.392	mg/kg	J	Y	Y		J		15				A126-04	18:18
				CADMIUM	.246	mg/kg	J	Y	Y		J		15				A126-04	18:18
				CALCIUM	101	mg/kg	J	Y	Y		J		15				A126-04	18:18
				CHROMIUM	9.01	mg/kg		Y	Y								A126-04	18:18
				COBALT	.681	mg/kg	J	Y	Y		J		15	17			A126-04	18:18
				COPPER	4.6	mg/kg		Y	Y								A126-04	18:18
				IRON	8290	mg/kg		Y	Y								A126-04	18:18
				LEAD	14.3	mg/kg		Y	Y								A126-04	16:07
				MAGNESIUM	168	mg/kg		Y	Y								A126-04	18:18
				MANGANESE	23.9	mg/kg		Y	Y		J		17				A126-04	18:18
				NICKEL	1.63	mg/kg	J	Y	Y		B		06B				A126-04	18:18
				POTASSIUM	595	mg/kg	U	N	Y		U						A126-04	18:18
				SELENIUM	.646	mg/kg	J	Y	Y		J		15				A126-04	16:07
				SILVER	1.19	mg/kg	U	N	Y		U						A126-04	18:18
				SODIUM	119	mg/kg	U	N	Y		U						A126-04	18:18
				THALLIUM	2.38	mg/kg	U	N	Y		U						A126-04	16:07
				VANADIUM	15	mg/kg		Y	Y								A126-04	18:18
				ZINC	22.9	mg/kg		Y	Y		J		13				A126-04	18:18
	SW7471A	TOTAL	N 0 1	MERCURY	.04	mg/kg	J	Y	Y		J		15				A126-04	15:36
YP0018	SW6010B	SW3050	N 0 1	ALUMINUM	8890	mg/kg		Y	Y	P							A126-05	18:52
				ANTIMONY	12.3	mg/kg	U	N	Y	U	UJ		08A				A126-05	18:52
				ARSENIC	2.25	mg/kg		Y	Y	P							A126-05	16:47
				BARIUM	59.9	mg/kg		Y	Y	P							A126-05	18:52
				BERYLLIUM	.624	mg/kg	J	Y	Y	P	J		15				A126-05	18:52
				CADMIUM	.613	mg/kg	U	N	Y	U	U						A126-05	18:52
				CALCIUM	115	mg/kg	J	Y	Y	P	J		15				A126-05	18:52
				CHROMIUM	12.9	mg/kg		Y	Y	P							A126-05	18:52
				COBALT	1.93	mg/kg	J	Y	Y	P	J		15				A126-05	18:52
				COPPER	5.21	mg/kg		Y	Y	P							A126-05	18:52
				IRON	9450	mg/kg		Y	Y	P							A126-05	18:52
				LEAD	17.6	mg/kg		Y	Y	P							A126-05	16:47
				MAGNESIUM	247	mg/kg		Y	Y	P							A126-05	18:52
				MANGANESE	55.5	mg/kg		Y	Y	P							A126-05	18:52
				NICKEL	2.99	mg/kg		Y	Y	F	B		06B				A126-05	18:52
				POTASSIUM	372	mg/kg	J	Y	Y	P	J		15				A126-05	18:52

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0018	SW6010B	SW3050	N 0 1	SELENIUM	.571	mg/kg	J	Y	Y	P	J		15				A126-05	16:47
				SILVER	1.23	mg/kg	U	N	Y	U	U						A126-05	18:52
				SODIUM	27.2	mg/kg	J	Y	Y	P	J		15				A126-05	18:52
				THALLIUM	2.45	mg/kg	U	N	Y	U	U						A126-05	16:47
				VANADIUM	19	mg/kg		Y	Y	P							A126-05	18:52
				ZINC	12.4	mg/kg		Y	Y	P	J		13				A126-05	18:52
	SW7471A	TOTAL	N 0 1	MERCURY	.026	mg/kg	J	Y	Y	P	J		15				A126-05	15:38
YP1007	SW6010B	SW3050	N 0 1	ALUMINUM	8100	mg/kg		Y	Y	P							A127-01	18:56
				ANTIMONY	21.1	mg/kg	U	N	Y	U	UJ		08A				A127-01	18:56
				ARSENIC	2.58	mg/kg		Y	Y	P							A127-01	16:52
				BARIUM	39.1	mg/kg		Y	Y	P							A127-01	18:56
				BERYLLIUM	.302	mg/kg	J	Y	Y	P	J		15				A127-01	18:56
				CADMIUM	1.05	mg/kg	U	N	Y	U	U						A127-01	18:56
				CALCIUM	1500	mg/kg		Y	Y	P							A127-01	18:56
				CHROMIUM	11.5	mg/kg		Y	Y	P							A127-01	18:56
				COBALT	.811	mg/kg	J	Y	Y	P	J		15				A127-01	18:56
				COPPER	5.4	mg/kg		Y	Y	P							A127-01	18:56
				IRON	15600	mg/kg		Y	Y	P							A127-01	18:56
				LEAD	10.2	mg/kg		Y	Y	P							A127-01	16:52
				MAGNESIUM	260	mg/kg		Y	Y	P							A127-01	18:56
				MANGANESE	92.9	mg/kg		Y	Y	P							A127-01	18:56
				NICKEL	4.22	mg/kg	U	N	Y	U	U						A127-01	18:56
				POTASSIUM	1050	mg/kg	U	N	Y	U	U						A127-01	18:56
				SELENIUM	1.21	mg/kg	J	Y	Y	P	J		15				A127-01	16:52
				SILVER	2.11	mg/kg	U	N	Y	U	U						A127-01	18:56
				SODIUM	211	mg/kg	U	N	Y	U	U						A127-01	18:56
				THALLIUM	4.22	mg/kg	U	N	Y	U	U						A127-01	16:52
				VANADIUM	22.4	mg/kg		Y	Y	P							A127-01	18:56
				ZINC	84.2	mg/kg		Y	Y	P	J		13				A127-01	18:56
	SW7471A	TOTAL	N 0 1	MERCURY	.211	mg/kg	U	N	Y	U	U						A127-01	15:41
YP1008	SW6010B	SW3050	N 0 1	ALUMINUM	21200	mg/kg		Y	Y	P							A127-02	19:01
				ANTIMONY	21.1	mg/kg	U	N	Y	U	UJ		08A				A127-02	19:01
				ARSENIC	3.38	mg/kg		Y	Y	P							A127-02	16:57
				BARIUM	119	mg/kg		Y	Y	P							A127-02	19:01
				BERYLLIUM	.7	mg/kg	J	Y	Y	P	J		15				A127-02	19:01
				CADMIUM	.461	mg/kg	J	Y	Y	F	B		06B				A127-02	19:01
				CALCIUM	5380	mg/kg		Y	Y	P							A127-02	19:01
				CHROMIUM	20.9	mg/kg		Y	Y	P							A127-02	19:01
				COBALT	4.27	mg/kg		Y	Y	P							A127-02	19:01
				COPPER	9.59	mg/kg		Y	Y	P							A127-02	19:01

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																
YP1008	SW6010B	SW3050	N 0 1	IRON	18000	mg/kg		Y Y P							A127-02	19:01
				LEAD	25.2	mg/kg		Y Y P							A127-02	16:57
				MAGNESIUM	598	mg/kg		Y Y P							A127-02	19:01
				MANGANESE	138	mg/kg		Y Y P							A127-02	19:01
				NICKEL	4.68	mg/kg		Y Y P							A127-02	19:01
				POTASSIUM	950	mg/kg	J	Y Y P	J		15				A127-02	19:01
				SELENIUM	1.17	mg/kg	J	Y Y P	J		15				A127-02	16:57
				SILVER	2.11	mg/kg	U	N Y U	U						A127-02	19:01
				SODIUM	54.2	mg/kg	J	Y Y P	J		15				A127-02	19:01
				THALLIUM	4.22	mg/kg	U	N Y U	U						A127-02	16:57
				VANADIUM	35.6	mg/kg		Y Y P							A127-02	19:01
				ZINC	98.9	mg/kg		Y Y P	J		13				A127-02	19:01
	SW7471A	TOTAL	N 0 1	MERCURY	.211	mg/kg	U	N Y U	U						A127-02	15:44
YP0013	SW8330	METHOD	N 0 1	1,3,5-TNB	.4	mg/kg	U	N Y U	U						A126-01	12:26
				1,3-DNB	.4	mg/kg	U	N Y U	U						A126-01	12:26
				2,4,6-TNT	.4	mg/kg	U	N Y U	U						A126-01	12:26
				2,4-DNT	.4	mg/kg	U	N Y U	U						A126-01	12:26
				2,6-DNT	.4	mg/kg	U	N Y U	U						A126-01	12:26
				2-AM-4,6-DNT	.4	mg/kg	U	N Y U	U						A126-01	12:26
				2-NITROTOLUENE	.4	mg/kg	U	N Y U	U						A126-01	12:26
				3-NITROTOLUENE	.4	mg/kg	U	N Y U	U						A126-01	12:26
				4-AM-2,6-DNT	.4	mg/kg	U	N Y U	U						A126-01	12:26
				4-NITROTOLUENE	.4	mg/kg	U	N Y U	U						A126-01	12:26
				HMX	.4	mg/kg	U	N Y U	U						A126-01	12:26
				NITROBENZENE	.4	mg/kg	U	N Y U	U						A126-01	12:26
				RDX	.4	mg/kg	U	N Y U	U						A126-01	12:26
				TETRYL	.4	mg/kg	U	N Y U	U						A126-01	12:26
YP0014	SW8330	METHOD	N 0 1	1,3,5-TNB	.4	mg/kg	U	N Y U	U						A126-02	13:07
				1,3-DNB	.4	mg/kg	U	N Y U	U						A126-02	13:07
				2,4,6-TNT	.4	mg/kg	U	N Y U	U						A126-02	13:07
				2,4-DNT	.4	mg/kg	U	N Y U	U						A126-02	13:07
				2,6-DNT	.4	mg/kg	U	N Y U	U						A126-02	13:07
				2-AM-4,6-DNT	.4	mg/kg	U	N Y U	U						A126-02	13:07
				2-NITROTOLUENE	.4	mg/kg	U	N Y U	U						A126-02	13:07
				3-NITROTOLUENE	.4	mg/kg	U	N Y U	U						A126-02	13:07
				4-AM-2,6-DNT	.4	mg/kg	U	N Y U	U						A126-02	13:07
				4-NITROTOLUENE	.4	mg/kg	U	N Y U	U						A126-02	13:07
				HMX	.4	mg/kg	U	N Y U	U						A126-02	13:07
				NITROBENZENE	.4	mg/kg	U	N Y U	U						A126-02	13:07
				RDX	.4	mg/kg	U	N Y U	U						A126-02	13:07

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0014	SW8330	METHOD	N 0 1	TETRYL	.4	mg/kg	U	N	Y	U	U						A126-02	13:07
YP0015	SW8330	METHOD	N 0 1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				1,3-DNB	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				2,4-DNT	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				2,6-DNT	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				HMX	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				NITROBENZENE	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				RDX	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
				TETRYL	.4	mg/kg	U	N	Y	U	U						A126-03	13:47
YP0016	SW8330	METHOD	N 0 1	1,3,5-TNB	.4	mg/kg	U	N	Y		U						A126-04	15:48
				1,3-DNB	.4	mg/kg	U	N	Y		U						A126-04	15:48
				2,4,6-TNT	.4	mg/kg	U	N	Y		U						A126-04	15:48
				2,4-DNT	.4	mg/kg	U	N	Y		U						A126-04	15:48
				2,6-DNT	.4	mg/kg	U	N	Y		U						A126-04	15:48
				2-AM-4,6-DNT	.4	mg/kg	U	N	Y		U						A126-04	15:48
				2-NITROTOLUENE	.4	mg/kg	U	N	Y		U						A126-04	15:48
				3-NITROTOLUENE	.4	mg/kg	U	N	Y		U						A126-04	15:48
				4-AM-2,6-DNT	.4	mg/kg	U	N	Y		U						A126-04	15:48
				4-NITROTOLUENE	.4	mg/kg	U	N	Y		U						A126-04	15:48
				HMX	.4	mg/kg	U	N	Y		U						A126-04	15:48
				NITROBENZENE	.4	mg/kg	U	N	Y		U						A126-04	15:48
				RDX	.4	mg/kg	U	N	Y		U						A126-04	15:48
				TETRYL	.4	mg/kg	U	N	Y		U						A126-04	15:48
YP0018	SW8330	METHOD	N 0 1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				1,3-DNB	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				2,4-DNT	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				2,6-DNT	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				HMX	.4	mg/kg	U	N	Y	U	U						A126-05	16:29

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0018	SW8330	METHOD	N 0 1	NITROBENZENE	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				RDX	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
				TETRYL	.4	mg/kg	U	N	Y	U	U						A126-05	16:29
YP1007	SW8330	METHOD	N 0 1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				1,3-DNB	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				2,4-DNT	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				2,6-DNT	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				HMX	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				NITROBENZENE	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				RDX	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
				TETRYL	.4	mg/kg	U	N	Y	U	U						A127-01	06:37
YP1008	SW8330	METHOD	N 0 1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				1,3-DNB	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				2,4-DNT	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				2,6-DNT	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				HMX	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				NITROBENZENE	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				RDX	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
				TETRYL	.4	mg/kg	U	N	Y	U	U						A127-02	07:17
YP0013	SW8270C	SW3550	N 0 2	1,2,4-TRICHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				1,2-DICHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				1,3-DICHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				1,4-DICHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2,4,5-TRICHLOROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2,4,6-TRICHLOROPHENOL	2.1	mg/kg	U	N	Y	U	U						A126-01	10:23
				2,4-DICHLOROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2,4-DIMETHYLPHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2,4-DINITROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0013	SW8270C	SW3550	N 0 2	2,4-DINITROTOLUENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2,6-DINITROTOLUENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2-CHLORONAPHTHALENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2-CHLOROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2-METHYLNAPHTHALENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2-METHYLPHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				2-NITROANILINE	2.1	mg/kg	U	N	Y	U	U						A126-01	10:23
				2-NITROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				3,3'-DICHLOROBENZIDINE	2.1	mg/kg	U	N	Y	U	U						A126-01	10:23
				3-NITROANILINE	2.1	mg/kg	U	N	Y	U	U						A126-01	10:23
				4,6-DINITRO-2-METHYLPHENOL	2.1	mg/kg	U	N	Y	U	U						A126-01	10:23
				4-BROMOPHENYL-PHENYL ETHER	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				4-CHLORO-3-METHYLPHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				4-CHLOROANILINE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				4-CHLOROPHENYL-PHENYL ETHER	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				4-METHYLPHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				4-NITROANILINE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				4-NITROPHENOL	2.1	mg/kg	U	N	Y	U	U						A126-01	10:23
				ACENAPHTHENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				ACENAPHTHYLENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				ANTHRACENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BENZO(A)ANTHRACENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BENZO(A)PYRENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BENZO(B)FLUORANTHENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BENZO(G,H,I)PERYLENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BENZO(K)FLUORANTHENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BIS(2-CHLOROETHOXY)METHANE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BIS(2-CHLOROETHYL)ETHER	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BIS(2-CHLOROISOPROPYL)ETHER	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BIS(2-ETHYLHEXYL)PHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				BUTYLBENZYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				CARBAZOLE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				CHRYSENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				DI-N-BUTYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				DI-N-OCTYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				DIBENZO(A,H)ANTHRACENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				DIBENZOFURAN	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				DIETHYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				DIMETHYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				FLUORANTHENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0013	SW8270C	SW3550	N 0 2	FLUORENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				HEXACHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				HEXACHLOROBUTADIENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				HEXACHLOROCYCLOPENTADIENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				HEXACHLOROETHANE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				INDENO(1,2,3-CD)PYRENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				ISOPHORONE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				N-NITROSO-DI-N-PROPYLAMINE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				N-NITROSODIPHENYLAMINE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				NAPHTHALENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				NITROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				PENTACHLOROPHENOL	2.1	mg/kg	U	N	Y	U	U						A126-01	10:23
				PHENANTHRENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				PHENOL	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
				PYRENE	.84	mg/kg	U	N	Y	U	U						A126-01	10:23
YP0014	SW8270C	SW3550	N 0 2	1,2,4-TRICHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				1,2-DICHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				1,3-DICHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				1,4-DICHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2,4,5-TRICHLOROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2,4,6-TRICHLOROPHENOL	2.1	mg/kg	U	N	Y	U	U						A126-02	10:56
				2,4-DICHLOROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2,4-DIMETHYLPHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2,4-DINITROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2,4-DINITROTOLUENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2,6-DINITROTOLUENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2-CHLORONAPHTHALENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2-CHLOROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2-METHYLNAPHTHALENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2-METHYLPHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				2-NITROANILINE	2.1	mg/kg	U	N	Y	U	U						A126-02	10:56
				2-NITROPHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				3,3'-DICHLOROBENZIDINE	2.1	mg/kg	U	N	Y	U	U						A126-02	10:56
				3-NITROANILINE	2.1	mg/kg	U	N	Y	U	U						A126-02	10:56
				4,6-DINITRO-2-METHYLPHENOL	2.1	mg/kg	U	N	Y	U	U						A126-02	10:56
				4-BROMOPHENYL-PHENYL ETHER	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				4-CHLORO-3-METHYLPHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				4-CHLOROANILINE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				4-CHLOROPHENYL-PHENYL ETHER	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				4-METHYLPHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0014	SW8270C	SW3550	N 0 2	4-NITROANILINE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				4-NITROPHENOL	2.1	mg/kg	U	N	Y	U	U						A126-02	10:56
				ACENAPHTHENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				ACENAPHTHYLENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				ANTHRACENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BENZO(A)ANTHRACENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BENZO(A)PYRENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BENZO(B)FLUORANTHENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BENZO(G,H,I)PERYLENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BENZO(K)FLUORANTHENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BIS(2-CHLOROETHOXY)METHANE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BIS(2-CHLOROETHYL)ETHER	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BIS(2-CHLOROISOPROPYL)ETHER	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BIS(2-ETHYLHEXYL)PHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				BUTYLBENZYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				CARBAZOLE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				CHRYSENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				DI-N-BUTYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				DI-N-OCTYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				DIBENZO(A,H)ANTHRACENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				DIBENZOFURAN	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				DIETHYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				DIMETHYLPHTHALATE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				FLUORANTHENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				FLUORENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				HEXACHLOROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				HEXACHLOROBUTADIENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				HEXACHLOROCYCLOPENTADIENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				HEXACHLOROETHANE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				INDENO(1,2,3-CD)PYRENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				ISOPHORONE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				N-NITROSO-DI-N-PROPYLAMINE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				N-NITROSODIPHENYLAMINE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				NAPHTHALENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				NITROBENZENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				PENTACHLOROPHENOL	2.1	mg/kg	U	N	Y	U	U						A126-02	10:56
				PHENANTHRENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				PHENOL	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
				PYRENE	.84	mg/kg	U	N	Y	U	U						A126-02	10:56
YP0015	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0015	SW8270C	SW3550	N 0 1	1,2-DICHLOROBENZENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				1,3-DICHLOROBENZENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				1,4-DICHLOROBENZENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2,4,5-TRICHLOROPHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2,4,6-TRICHLOROPHENOL	1	mg/kg	U	N	Y	U	U						A126-03	11:30
				2,4-DICHLOROPHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2,4-DIMETHYLPHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2,4-DINITROPHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2,4-DINITROTOLUENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2,6-DINITROTOLUENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2-CHLORONAPHTHALENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2-CHLOROPHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2-METHYLNAPHTHALENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2-METHYLPHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				2-NITROANILINE	1	mg/kg	U	N	Y	U	U						A126-03	11:30
				2-NITROPHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				3,3'-DICHLOROBENZIDINE	1	mg/kg	U	N	Y	U	U						A126-03	11:30
				3-NITROANILINE	1	mg/kg	U	N	Y	U	U						A126-03	11:30
				4,6-DINITRO-2-METHYLPHENOL	1	mg/kg	U	N	Y	U	U						A126-03	11:30
				4-BROMOPHENYL-PHENYL ETHER	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				4-CHLORO-3-METHYLPHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				4-CHLOROANILINE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				4-CHLOROPHENYL-PHENYL ETHER	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				4-METHYLPHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				4-NITROANILINE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				4-NITROPHENOL	1	mg/kg	U	N	Y	U	U						A126-03	11:30
				ACENAPHTHENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				ACENAPHTHYLENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				ANTHRACENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BENZO(A)ANTHRACENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BENZO(A)PYRENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BENZO(B)FLUORANTHENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BENZO(G,H,I)PERYLENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BENZO(K)FLUORANTHENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BIS(2-CHLOROETHOXY)METHANE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BIS(2-CHLOROETHYL)ETHER	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BIS(2-CHLOROISOPROPYL)ETHER	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BIS(2-ETHYLHEXYL)PHTHALATE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				BUTYLBENZYLPHTHALATE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				CARBAZOLE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0015	SW8270C	SW3550	N 0 1	CHRYSENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				DI-N-BUTYLPHTHALATE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				DI-N-OCTYLPHTHALATE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				DIBENZO(A,H)ANTHRACENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				DIBENZOFURAN	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				DIETHYLPHTHALATE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				DIMETHYLPHTHALATE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				FLUORANTHENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				FLUORENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				HEXACHLOROBENZENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				HEXACHLOROBUTADIENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				HEXACHLOROCYCLOPENTADIENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				HEXACHLOROETHANE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				INDENO(1,2,3-CD)PYRENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				ISOPHORONE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				N-NITROSO-DI-N-PROPYLAMINE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				N-NITROSODIPHENYLAMINE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				NAPHTHALENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				NITROBENZENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				PENTACHLOROPHENOL	1	mg/kg	U	N	Y	U	U						A126-03	11:30
				PHENANTHRENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				PHENOL	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
				PYRENE	.41	mg/kg	U	N	Y	U	U						A126-03	11:30
YP0016	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				1,2-DICHLOROBENZENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				1,3-DICHLOROBENZENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				1,4-DICHLOROBENZENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2,4,5-TRICHLOROPHENOL	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2,4,6-TRICHLOROPHENOL	.99	mg/kg	U	N	Y		U						A126-04	13:10
				2,4-DICHLOROPHENOL	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2,4-DIMETHYLPHENOL	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2,4-DINITROPHENOL	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2,4-DINITROTOLUENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2,6-DINITROTOLUENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2-CHLORONAPHTHALENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2-CHLOROPHENOL	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2-METHYLNAPHTHALENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2-METHYLPHENOL	.39	mg/kg	U	N	Y		U						A126-04	13:10
				2-NITROANILINE	.99	mg/kg	U	N	Y		U						A126-04	13:10
				2-NITROPHENOL	.39	mg/kg	U	N	Y		U						A126-04	13:10

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																
YP0016	SW8270C	SW3550	N 0 1	3,3'-DICHLOROBENZIDINE	.99	mg/kg	U	N Y	U						A126-04	13:10
				3-NITROANILINE	.99	mg/kg	U	N Y	U						A126-04	13:10
				4,6-DINITRO-2-METHYLPHENOL	.99	mg/kg	U	N Y	U						A126-04	13:10
				4-BROMOPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y	U						A126-04	13:10
				4-CHLORO-3-METHYLPHENOL	.39	mg/kg	U	N Y	U						A126-04	13:10
				4-CHLOROANILINE	.39	mg/kg	U	N Y	U						A126-04	13:10
				4-CHLOROPHENYL-PHENYL ETHER	.39	mg/kg	U	N Y	U						A126-04	13:10
				4-METHYLPHENOL	.39	mg/kg	U	N Y	U						A126-04	13:10
				4-NITROANILINE	.39	mg/kg	U	N Y	U						A126-04	13:10
				4-NITROPHENOL	.99	mg/kg	U	N Y	U						A126-04	13:10
				ACENAPHTHENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				ACENAPHTHYLENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				ANTHRACENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				BENZO(A)ANTHRACENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				BENZO(A)PYRENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				BENZO(B)FLUORANTHENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				BENZO(G,H,I)PERYLENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				BENZO(K)FLUORANTHENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				BIS(2-CHLOROETHOXY)METHANE	.39	mg/kg	U	N Y	U						A126-04	13:10
				BIS(2-CHLOROETHYL)ETHER	.39	mg/kg	U	N Y	U						A126-04	13:10
				BIS(2-CHLOROISOPROPYL)ETHER	.39	mg/kg	U	N Y	U						A126-04	13:10
				BIS(2-ETHYLHEXYL)PHTHALATE	.39	mg/kg	U	N Y	U						A126-04	13:10
				BUTYLBENZYLPHTHALATE	.39	mg/kg	U	N Y	U						A126-04	13:10
				CARBAZOLE	.39	mg/kg	U	N Y	U						A126-04	13:10
				CHRYSENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				DI-N-BUTYLPHTHALATE	.39	mg/kg	U	N Y	U						A126-04	13:10
				DI-N-OCTYLPHTHALATE	.39	mg/kg	U	N Y	U						A126-04	13:10
				DIBENZO(A,H)ANTHRACENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				DIBENZOFURAN	.39	mg/kg	U	N Y	U						A126-04	13:10
				DIETHYLPHTHALATE	.39	mg/kg	U	N Y	U						A126-04	13:10
				DIMETHYLPHTHALATE	.39	mg/kg	U	N Y	U						A126-04	13:10
				FLUORANTHENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				FLUORENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				HEXACHLOROBENZENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				HEXACHLOROBUTADIENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				HEXACHLOROCYCLOPENTADIENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				HEXACHLOROETHANE	.39	mg/kg	U	N Y	U						A126-04	13:10
				INDENO(1,2,3-CD)PYRENE	.39	mg/kg	U	N Y	U						A126-04	13:10
				ISOPHORONE	.39	mg/kg	U	N Y	U						A126-04	13:10
				N-NITROSO-DI-N-PROPYLAMINE	.39	mg/kg	U	N Y	U						A126-04	13:10

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0016	SW8270C	SW3550	N 0 1	N-NITROSODIPHENYLAMINE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				NAPHTHALENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				NITROBENZENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				PENTACHLOROPHENOL	.99	mg/kg	U	N	Y		U						A126-04	13:10
				PHENANTHRENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
				PHENOL	.39	mg/kg	U	N	Y		U						A126-04	13:10
				PYRENE	.39	mg/kg	U	N	Y		U						A126-04	13:10
YP0018	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				1,2-DICHLOROBENZENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				1,3-DICHLOROBENZENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				1,4-DICHLOROBENZENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2,4,5-TRICHLOROPHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2,4,6-TRICHLOROPHENOL	1	mg/kg	U	N	Y	U	U						A126-05	13:44
				2,4-DICHLOROPHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2,4-DIMETHYLPHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2,4-DINITROPHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2,4-DINITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2,6-DINITROTOLUENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2-CHLORONAPHTHALENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2-CHLOROPHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2-METHYLNAPHTHALENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2-METHYLPHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				2-NITROANILINE	1	mg/kg	U	N	Y	U	U						A126-05	13:44
				2-NITROPHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				3,3'-DICHLOROBENZIDINE	1	mg/kg	U	N	Y	U	U						A126-05	13:44
				3-NITROANILINE	1	mg/kg	U	N	Y	U	U						A126-05	13:44
				4,6-DINITRO-2-METHYLPHENOL	1	mg/kg	U	N	Y	U	U						A126-05	13:44
				4-BROMOPHENYL-PHENYL ETHER	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				4-CHLORO-3-METHYLPHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				4-CHLOROANILINE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				4-CHLOROPHENYL-PHENYL ETHER	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				4-METHYLPHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				4-NITROANILINE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				4-NITROPHENOL	1	mg/kg	U	N	Y	U	U						A126-05	13:44
				ACENAPHTHENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				ACENAPHTHYLENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				ANTHRACENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				BENZO(A)ANTHRACENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				BENZO(A)PYRENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				BENZO(B)FLUORANTHENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0018	SW8270C	SW3550	N 0 1	BENZO(G,H,I)PERYLENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				BENZO(K)FLUORANTHENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				BIS(2-CHLOROETHOXY)METHANE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				BIS(2-CHLOROETHYL)ETHER	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				BIS(2-CHLOROISOPROPYL)ETHER	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				BIS(2-ETHYLHEXYL)PHTHALATE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				BUTYLBENZYLPHTHALATE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				CARBAZOLE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				CHRYSENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				DI-N-BUTYLPHTHALATE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				DI-N-OCTYLPHTHALATE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				DIBENZO(A,H)ANTHRACENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				DIBENZOFURAN	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				DIETHYLPHTHALATE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				DIMETHYLPHTHALATE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				FLUORANTHENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				FLUORENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				HEXACHLOROBENZENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				HEXACHLOROBUTADIENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				HEXACHLOROCYCLOPENTADIENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				HEXACHLOROETHANE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				INDENO(1,2,3-CD)PYRENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				ISOPHORONE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				N-NITROSO-DI-N-PROPYLAMINE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				N-NITROSODIPHENYLAMINE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				NAPHTHALENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				NITROBENZENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				PENTACHLOROPHENOL	1	mg/kg	U	N	Y	U	U						A126-05	13:44
				PHENANTHRENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				PHENOL	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
				PYRENE	.4	mg/kg	U	N	Y	U	U						A126-05	13:44
YP1007	SW8270C	SW3550	N 0 2	1,2,4-TRICHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				1,2-DICHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				1,3-DICHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				1,4-DICHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2,4,5-TRICHLOROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2,4,6-TRICHLOROPHENOL	3.5	mg/kg	U	N	Y	U	U						A127-01	14:18
				2,4-DICHLOROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2,4-DIMETHYLPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2,4-DINITROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP1007	SW8270C	SW3550	N 0 2	2,4-DINITROTOLUENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2,6-DINITROTOLUENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2-CHLORONAPHTHALENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2-CHLOROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2-METHYLNAPHTHALENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2-METHYLPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				2-NITROANILINE	3.5	mg/kg	U	N	Y	U	U						A127-01	14:18
				2-NITROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				3,3'-DICHLOROBENZIDINE	3.5	mg/kg	U	N	Y	U	U						A127-01	14:18
				3-NITROANILINE	3.5	mg/kg	U	N	Y	U	U						A127-01	14:18
				4,6-DINITRO-2-METHYLPHENOL	3.5	mg/kg	U	N	Y	U	U						A127-01	14:18
				4-BROMOPHENYL-PHENYL ETHER	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				4-CHLORO-3-METHYLPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				4-CHLOROANILINE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				4-CHLOROPHENYL-PHENYL ETHER	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				4-METHYLPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				4-NITROANILINE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				4-NITROPHENOL	3.5	mg/kg	U	N	Y	U	U						A127-01	14:18
				ACENAPHTHENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				ACENAPHTHYLENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				ANTHRACENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BENZO(A)ANTHRACENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BENZO(A)PYRENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BENZO(B)FLUORANTHENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BENZO(G,H,I)PERYLENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BENZO(K)FLUORANTHENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BIS(2-CHLOROETHOXY)METHANE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BIS(2-CHLOROETHYL)ETHER	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BIS(2-CHLOROISOPROPYL)ETHER	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BIS(2-ETHYLHEXYL)PHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				BUTYLBENZYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				CARBAZOLE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				CHRYSENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				DI-N-BUTYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				DI-N-OCTYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				DIBENZO(A,H)ANTHRACENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				DIBENZOFURAN	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				DIETHYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				DIMETHYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				FLUORANTHENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP1007	SW8270C	SW3550	N 0 2	FLUORENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				HEXACHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				HEXACHLOROBUTADIENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				HEXACHLOROCYCLOPENTADIENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				HEXACHLOROETHANE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				INDENO(1,2,3-CD)PYRENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				ISOPHORONE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				N-NITROSO-DI-N-PROPYLAMINE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				N-NITROSODIPHENYLAMINE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				NAPHTHALENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				NITROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				PENTACHLOROPHENOL	3.5	mg/kg	U	N	Y	U	U						A127-01	14:18
				PHENANTHRENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				PHENOL	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
				PYRENE	1.4	mg/kg	U	N	Y	U	U						A127-01	14:18
YP1008	SW8270C	SW3550	N 0 2	1,2,4-TRICHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				1,2-DICHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				1,3-DICHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				1,4-DICHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2,4,5-TRICHLOROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2,4,6-TRICHLOROPHENOL	3.5	mg/kg	U	N	Y	U	U						A127-02	14:52
				2,4-DICHLOROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2,4-DIMETHYLPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2,4-DINITROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2,4-DINITROTOLUENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2,6-DINITROTOLUENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2-CHLORONAPHTHALENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2-CHLOROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2-METHYLNAPHTHALENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2-METHYLPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				2-NITROANILINE	3.5	mg/kg	U	N	Y	U	U						A127-02	14:52
				2-NITROPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				3,3'-DICHLOROBENZIDINE	3.5	mg/kg	U	N	Y	U	U						A127-02	14:52
				3-NITROANILINE	3.5	mg/kg	U	N	Y	U	U						A127-02	14:52
				4,6-DINITRO-2-METHYLPHENOL	3.5	mg/kg	U	N	Y	U	U						A127-02	14:52
				4-BROMOPHENYL-PHENYL ETHER	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				4-CHLORO-3-METHYLPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				4-CHLOROANILINE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				4-CHLOROPHENYL-PHENYL ETHER	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				4-METHYLPHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP1008	SW8270C	SW3550	N 0 2	4-NITROANILINE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				4-NITROPHENOL	3.5	mg/kg	U	N	Y	U	U						A127-02	14:52
				ACENAPHTHENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				ACENAPHTHYLENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				ANTHRACENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BENZO(A)ANTHRACENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BENZO(A)PYRENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BENZO(B)FLUORANTHENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BENZO(G,H,I)PERYLENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BENZO(K)FLUORANTHENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BIS(2-CHLOROETHOXY)METHANE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BIS(2-CHLOROETHYL)ETHER	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BIS(2-CHLOROISOPROPYL)ETHER	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BIS(2-ETHYLHEXYL)PHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				BUTYLBENZYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				CARBAZOLE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				CHRYSENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				DI-N-BUTYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				DI-N-OCTYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				DIBENZO(A,H)ANTHRACENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				DIBENZOFURAN	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				DIETHYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				DIMETHYLPHTHALATE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				FLUORANTHENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				FLUORENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				HEXACHLOROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				HEXACHLOROBUTADIENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				HEXACHLOROCYCLOPENTADIENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				HEXACHLOROETHANE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				INDENO(1,2,3-CD)PYRENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				ISOPHORONE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				N-NITROSO-DI-N-PROPYLAMINE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				N-NITROSODIPHENYLAMINE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				NAPHTHALENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				NITROBENZENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				PENTACHLOROPHENOL	3.5	mg/kg	U	N	Y	U	U						A127-02	14:52
				PHENANTHRENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				PHENOL	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
				PYRENE	1.4	mg/kg	U	N	Y	U	U						A127-02	14:52
YP0013	SW9060	NONE	N 0 1	TOC	123	mg/kg		Y	Y	P							A126-01	15:00

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0014	SW9060	NONE	N 0 1	TOC	99.7	mg/kg		Y	Y	P							A126-02	15:30
YP0015	SW9060	NONE	N 0 1	TOC	89.7	mg/kg		Y	Y	P							A126-03	15:50
YP0016	SW9060	NONE	N 0 1	TOC	114	mg/kg		Y	Y								A126-04	16:55
YP0018	SW9060	NONE	N 0 1	TOC	112	mg/kg		Y	Y	P							A126-05	17:15
YP1007	SW9060	NONE	N 0 1	TOC	76.6	mg/kg		Y	Y	P							A127-01	17:35
YP1008	SW9060	NONE	N 0 1	TOC	43.5	mg/kg		Y	Y	P							A127-02	17:50
YP0013	SW8260B	SW5035	N 0 1.2	1,1,1,2-TETRACHLOROETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,1,1-TRICHLOROETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,1,2,2-TETRACHLOROETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,1,2-TRICHLOROETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,1-DICHLOROETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,1-DICHLOROETHENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,1-DICHLOROPROPENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,2,3-TRICHLOROBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,2,3-TRICHLOROPROPANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,2,4-TRICHLOROBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,2,4-TRIMETHYLBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,2-DIBROMO-3-CHLOROPROPANE	.015	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,2-DIBROMOETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,2-DICHLOROBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,2-DICHLOROETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,2-DICHLOROPROPANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,3,5-TRIMETHYLBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,3-DICHLOROBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,3-DICHLOROPROPANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				1,4-DICHLOROBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				2,2-DICHLOROPROPANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				2-BUTANONE	.015	mg/kg	J	Y	Y	P	J		15				A126-01	15:32
				2-CHLOROTOLUENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				2-HEXANONE	.03	mg/kg	U	N	Y	U	U						A126-01	15:32
				4-CHLOROTOLUENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				4-METHYL-2-PENTANONE	.015	mg/kg	U	N	Y	U	U						A126-01	15:32
				ACETONE	.22	mg/kg		Y	Y	P	J		04A	05B			A126-01	15:32
				BENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				BROMOBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				BROMOCHLOROMETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				BROMODICHLOROMETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				BROMOFORM	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				BROMOMETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0013	SW8260B	SW5035	N 0 1.2	CARBON DISULFIDE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				CARBON TETRACHLORIDE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				CHLOROBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				CHLOROETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				CHLOROFORM	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				CHLOROMETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				CIS-1,2-DICHLOROETHENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				CIS-1,3-DICHLOROPROPENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				DIBROMOCHLOROMETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				DIBROMOMETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				DICHLORODIFLUOROMETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				ETHYLBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				HEXACHLOROBUTADIENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				ISOPROPYL BENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				M/P-XYLENES	.015	mg/kg	U	N	Y	U	U						A126-01	15:32
				METHYLENE CHLORIDE	.0034	mg/kg	JB	Y	Y	F	B		06A				A126-01	15:32
				N-BUTYLBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				N-PROPYLBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				NAPHTHALENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				O-XYLENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				P-ISOPROPYLTOLUENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				SEC-BUTYLBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				STYRENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				TERT-BUTYLBENZENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				TETRACHLOROETHENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				TOLUENE	.00043	mg/kg	J	Y	Y	P	J		15				A126-01	15:32
				TRANS-1,2-DICHLOROETHENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				TRANS-1,3-DICHLOROPROPENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				TRICHLOROETHENE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				TRICHLOROFLUOROMETHANE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
				VINYL CHLORIDE	.0076	mg/kg	U	N	Y	U	U						A126-01	15:32
YP0014	SW8260B	SW5035	N 0 1.1	1,1,1,2-TETRACHLOROETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,1,1-TRICHLOROETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,1,2,2-TETRACHLOROETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,1,2-TRICHLOROETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,1-DICHLOROETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,1-DICHLOROETHENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,1-DICHLOROPROPENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,2,3-TRICHLOROBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,2,3-TRICHLOROPROPANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0014	SW8260B	SW5035	N 0 1.1	1,2,4-TRICHLOROBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,2,4-TRIMETHYLBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,2-DIBROMO-3-CHLOROPROPANE	.014	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,2-DIBROMOETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,2-DICHLOROBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,2-DICHLOROETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,2-DICHLOROPROPANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,3,5-TRIMETHYLBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,3-DICHLOROBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,3-DICHLOROPROPANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				1,4-DICHLOROBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				2,2-DICHLOROPROPANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				2-BUTANONE	.015	mg/kg	J	Y	Y	P	J		15				A126-02	16:09
				2-CHLOROTOLUENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				2-HEXANONE	.028	mg/kg	U	N	Y	U	U						A126-02	16:09
				4-CHLOROTOLUENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				4-METHYL-2-PENTANONE	.014	mg/kg	U	N	Y	U	U						A126-02	16:09
				ACETONE	.26	mg/kg		Y	Y	P	J		04A	05B			A126-02	16:09
				BENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				BROMOBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				BROMOCHLOROMETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				BROMODICHLOROMETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				BROMOFORM	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				BROMOMETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				CARBON DISULFIDE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				CARBON TETRACHLORIDE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				CHLOROBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				CHLOROETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				CHLOROFORM	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				CHLOROMETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				CIS-1,2-DICHLOROETHENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				CIS-1,3-DICHLOROPROPENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				DIBROMOCHLOROMETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				DIBROMOMETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				DICHLORODIFLUOROMETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				ETHYLBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				HEXACHLOROBUTADIENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				ISOPROPYL BENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				M/P-XYLENES	.014	mg/kg	U	N	Y	U	U						A126-02	16:09
				METHYLENE CHLORIDE	.0027	mg/kg	JB	Y	Y	F	B		06A				A126-02	16:09

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0014	SW8260B	SW5035	N 0 1.1	N-BUTYLBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				N-PROPYLBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				NAPHTHALENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				O-XYLENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				P-ISOPROPYLTOLUENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				SEC-BUTYLBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				STYRENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				TERT-BUTYLBENZENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				TETRACHLOROETHENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				TOLUENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				TRANS-1,2-DICHLOROETHENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				TRANS-1,3-DICHLOROPROPENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				TRICHLOROETHENE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				TRICHLOROFLUOROMETHANE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
				VINYL CHLORIDE	.007	mg/kg	U	N	Y	U	U						A126-02	16:09
YP0015	SW8260B	SW5035	N 1 0.97	1,1,1,2-TETRACHLOROETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,1,1-TRICHLOROETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,1,2,2-TETRACHLOROETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,1,2-TRICHLOROETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,1-DICHLOROETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,1-DICHLOROETHENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,1-DICHLOROPROPENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,2,3-TRICHLOROBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,2,3-TRICHLOROPROPANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,2,4-TRICHLOROBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,2,4-TRIMETHYLBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,2-DIBROMO-3-CHLOROPROPANE	.012	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,2-DIBROMOETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,2-DICHLOROBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,2-DICHLOROETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,2-DICHLOROPROPANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,3,5-TRIMETHYLBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,3-DICHLOROBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,3-DICHLOROPROPANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				1,4-DICHLOROBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				2,2-DICHLOROPROPANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				2-BUTANONE	.013	mg/kg	J	Y	Y	P	J		15				A126-03R	18:02
				2-CHLOROTOLUENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				2-HEXANONE	.024	mg/kg	U	N	Y	U	U						A126-03R	18:02
				4-CHLOROTOLUENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0015	SW8260B	SW5035	N 1 0.97	4-METHYL-2-PENTANONE	.012	mg/kg	U	N	Y	U	U						A126-03R	18:02
				ACETONE	.15	mg/kg		Y	Y	P	J		04A	05B	17		A126-03R	18:02
				BENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				BROMOBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				BROMOCHLOROMETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				BROMODICHLOROMETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				BROMOFORM	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				BROMOMETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				CARBON DISULFIDE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				CARBON TETRACHLORIDE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				CHLOROBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				CHLOROETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				CHLOROFORM	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				CHLOROMETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				CIS-1,2-DICHLOROETHENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				CIS-1,3-DICHLOROPROPENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				DIBROMOCHLOROMETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				DIBROMOMETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				DICHLORODIFLUOROMETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				ETHYLBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				HEXACHLOROBUTADIENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				ISOPROPYL BENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				M/P-XYLENES	.012	mg/kg	U	N	Y	U	U						A126-03R	18:02
				METHYLENE CHLORIDE	.0015	mg/kg	JB	Y	Y	F	B		06A	17			A126-03R	18:02
				N-BUTYLBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				N-PROPYLBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				NAPHTHALENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				O-XYLENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				P-ISOPROPYLTOLUENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				SEC-BUTYLBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				STYRENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				TERT-BUTYLBENZENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				TETRACHLOROETHENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				TOLUENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				TRANS-1,2-DICHLOROETHENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				TRANS-1,3-DICHLOROPROPENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				TRICHLOROETHENE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				TRICHLOROFLUOROMETHANE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
				VINYL CHLORIDE	.006	mg/kg	U	N	Y	U	U						A126-03R	18:02
YP0016	SW8260B	SW5035	N 0 1.1	1,1,1,2-TETRACHLOROETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0016	SW8260B	SW5035	N 0 1.1	1,1,1-TRICHLOROETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,1,2,2-TETRACHLOROETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,1,2-TRICHLOROETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,1-DICHLOROETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,1-DICHLOROETHENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,1-DICHLOROPROPENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,2,3-TRICHLOROBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,2,3-TRICHLOROPROPANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,2,4-TRICHLOROBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,2,4-TRIMETHYLBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,2-DIBROMO-3-CHLOROPROPANE	.013	mg/kg	U	N	Y		U						A126-04	17:24
				1,2-DIBROMOETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,2-DICHLOROBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,2-DICHLOROETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,2-DICHLOROPROPANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,3,5-TRIMETHYLBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,3-DICHLOROBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,3-DICHLOROPROPANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				1,4-DICHLOROBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				2,2-DICHLOROPROPANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				2-BUTANONE	.021	mg/kg	J	Y	Y		J		15				A126-04	17:24
				2-CHLOROTOLUENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				2-HEXANONE	.026	mg/kg	U	N	Y		U						A126-04	17:24
				4-CHLOROTOLUENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				4-METHYL-2-PENTANONE	.013	mg/kg	U	N	Y		U						A126-04	17:24
				ACETONE	.3	mg/kg		Y	Y		J		04A	05B	17		A126-04	17:24
				BENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				BROMOBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				BROMOCHLOROMETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				BROMODICHLOROMETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				BROMOFORM	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				BROMOMETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				CARBON DISULFIDE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				CARBON TETRACHLORIDE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				CHLOROBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				CHLOROETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				CHLOROFORM	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				CHLOROMETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				CIS-1,2-DICHLOROETHENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				CIS-1,3-DICHLOROPROPENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0016	SW8260B	SW5035	N 0 1.1	DIBROMOCHLOROMETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				DIBROMOMETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				DICHLORODIFLUOROMETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				ETHYLBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				HEXACHLOROBUTADIENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				ISOPROPYL BENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				M/P-XYLENES	.013	mg/kg	U	N	Y		U						A126-04	17:24
				METHYLENE CHLORIDE	.0027	mg/kg	JB	Y	Y		B		06A	17			A126-04	17:24
				N-BUTYLBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				N-PROPYLBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				NAPHTHALENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				O-XYLENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				P-ISOPROPYLTOLUENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				SEC-BUTYLBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				STYRENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				TERT-BUTYLBENZENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				TETRACHLOROETHENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				TOLUENE	.00041	mg/kg	J	Y	Y		J		15				A126-04	17:24
				TRANS-1,2-DICHLOROETHENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				TRANS-1,3-DICHLOROPROPENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				TRICHLOROETHENE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				TRICHLOROFLUOROMETHANE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
				VINYL CHLORIDE	.0065	mg/kg	U	N	Y		U						A126-04	17:24
YP0018	SW8260B	SW5035	N 0 0.99	1,1,1,2-TETRACHLOROETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,1,1-TRICHLOROETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,1,2,2-TETRACHLOROETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,1,2-TRICHLOROETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,1-DICHLOROETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,1-DICHLOROETHENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,1-DICHLOROPROPENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,2,3-TRICHLOROBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,2,3-TRICHLOROPROPANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,2,4-TRICHLOROBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,2,4-TRIMETHYLBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,2-DIBROMO-3-CHLOROPROPANE	.012	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,2-DIBROMOETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,2-DICHLOROBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,2-DICHLOROETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,2-DICHLOROPROPANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,3,5-TRIMETHYLBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0018	SW8260B	SW5035	N 0 0.99	1,3-DICHLOROBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,3-DICHLOROPROPANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				1,4-DICHLOROBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				2,2-DICHLOROPROPANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				2-BUTANONE	.0092	mg/kg	J	Y	Y	P	J		15				A126-05	18:39
				2-CHLOROTOLUENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				2-HEXANONE	.024	mg/kg	U	N	Y	U	U						A126-05	18:39
				4-CHLOROTOLUENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				4-METHYL-2-PENTANONE	.012	mg/kg	U	N	Y	U	U						A126-05	18:39
				ACETONE	.087	mg/kg		Y	Y	P	J		04A	05B			A126-05	18:39
				BENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				BROMOBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				BROMOCHLOROMETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				BROMODICHLOROMETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				BROMOFORM	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				BROMOMETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				CARBON DISULFIDE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				CARBON TETRACHLORIDE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				CHLOROBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				CHLOROETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				CHLOROFORM	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				CHLOROMETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				CIS-1,2-DICHLOROETHENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				CIS-1,3-DICHLOROPROPENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				DIBROMOCHLOROMETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				DIBROMOMETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				DICHLORODIFLUOROMETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				ETHYLBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				HEXACHLOROBUTADIENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				ISOPROPYL BENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				M/P-XYLENES	.012	mg/kg	U	N	Y	U	U						A126-05	18:39
				METHYLENE CHLORIDE	.0023	mg/kg	JB	Y	Y	F	B		06A				A126-05	18:39
				N-BUTYLBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				N-PROPYLBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				NAPHTHALENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				O-XYLENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				P-ISOPROPYLTOLUENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				SEC-BUTYLBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				STYRENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				TERT-BUTYLBENZENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP0018	SW8260B	SW5035	N 0 0.99	TETRACHLOROETHENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				TOLUENE	.00055	mg/kg	J	Y	Y	P	J		15				A126-05	18:39
				TRANS-1,2-DICHLOROETHENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				TRANS-1,3-DICHLOROPROPENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				TRICHLOROETHENE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				TRICHLOROFLUOROMETHANE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
				VINYL CHLORIDE	.0061	mg/kg	U	N	Y	U	U						A126-05	18:39
YP1007	SW8260B	SW5035	N 0 1.2	1,1,1,2-TETRACHLOROETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,1,1-TRICHLOROETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,1,2,2-TETRACHLOROETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,1,2-TRICHLOROETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,1-DICHLOROETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,1-DICHLOROETHENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,1-DICHLOROPROPENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,2,3-TRICHLOROBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,2,3-TRICHLOROPROPANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,2,4-TRICHLOROBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,2,4-TRIMETHYLBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,2-DIBROMO-3-CHLOROPROPANE	.025	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,2-DIBROMOETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,2-DICHLOROBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,2-DICHLOROETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,2-DICHLOROPROPANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,3,5-TRIMETHYLBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,3-DICHLOROBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,3-DICHLOROPROPANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				1,4-DICHLOROBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				2,2-DICHLOROPROPANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				2-BUTANONE	.033	mg/kg	J	Y	Y	P	J		15				A127-01	14:17
				2-CHLOROTOLUENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				2-HEXANONE	.051	mg/kg	U	N	Y	U	U						A127-01	14:17
				4-CHLOROTOLUENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				4-METHYL-2-PENTANONE	.025	mg/kg	U	N	Y	U	U						A127-01	14:17
				ACETONE	.39	mg/kg		Y	Y	P	J		04A	05B			A127-01	14:17
				BENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				BROMOBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				BROMOCHLOROMETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				BROMODICHLOROMETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				BROMOFORM	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				BROMOMETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP1007	SW8260B	SW5035	N 0 1.2	CARBON DISULFIDE	.013	mg/kg		Y	Y	P							A127-01	14:17
				CARBON TETRACHLORIDE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				CHLOROBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				CHLOROETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				CHLOROFORM	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				CHLOROMETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				CIS-1,2-DICHLOROETHENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				CIS-1,3-DICHLOROPROPENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				DIBROMOCHLOROMETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				DIBROMOMETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				DICHLORODIFLUOROMETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				ETHYLBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				HEXACHLOROBUTADIENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				ISOPROPYL BENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				M/P-XYLENES	.025	mg/kg	U	N	Y	U	U						A127-01	14:17
				METHYLENE CHLORIDE	.0056	mg/kg	JB	Y	Y	F	B		06A				A127-01	14:17
				N-BUTYLBENZENE	.0074	mg/kg	J	Y	Y	P	J		15				A127-01	14:17
				N-PROPYLBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				NAPHTHALENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				O-XYLENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				P-ISOPROPYLTOLUENE	.1	mg/kg		Y	Y	P							A127-01	14:17
				SEC-BUTYLBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				STYRENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				TERT-BUTYLBENZENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				TETRACHLOROETHENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				TOLUENE	.0034	mg/kg	J	Y	Y	P	J		15				A127-01	14:17
				TRANS-1,2-DICHLOROETHENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				TRANS-1,3-DICHLOROPROPENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				TRICHLOROETHENE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				TRICHLOROFLUOROMETHANE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
				VINYL CHLORIDE	.013	mg/kg	U	N	Y	U	U						A127-01	14:17
YP1008	SW8260B	SW5035	N 0 1.1	1,1,1,2-TETRACHLOROETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,1,1-TRICHLOROETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,1,2,2-TETRACHLOROETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,1,2-TRICHLOROETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,1-DICHLOROETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,1-DICHLOROETHENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,1-DICHLOROPROPENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,2,3-TRICHLOROBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,2,3-TRICHLOROPROPANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP1008	SW8260B	SW5035	N 0 1.1	1,2,4-TRICHLOROBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,2,4-TRIMETHYLBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,2-DIBROMO-3-CHLOROPROPANE	.023	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,2-DIBROMOETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,2-DICHLOROBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,2-DICHLOROETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,2-DICHLOROPROPANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,3,5-TRIMETHYLBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,3-DICHLOROBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,3-DICHLOROPROPANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				1,4-DICHLOROBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				2,2-DICHLOROPROPANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				2-BUTANONE	.046	mg/kg	U	N	Y	U	U						A127-02	14:54
				2-CHLOROTOLUENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				2-HEXANONE	.046	mg/kg	U	N	Y	U	U						A127-02	14:54
				4-CHLOROTOLUENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				4-METHYL-2-PENTANONE	.023	mg/kg	U	N	Y	U	U						A127-02	14:54
				ACETONE	.057	mg/kg		Y	Y	P	J		04A	05B			A127-02	14:54
				BENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				BROMOBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				BROMOCHLOROMETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				BROMODICHLOROMETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				BROMOFORM	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				BROMOMETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				CARBON DISULFIDE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				CARBON TETRACHLORIDE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				CHLOROBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				CHLOROETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				CHLOROFORM	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				CHLOROMETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				CIS-1,2-DICHLOROETHENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				CIS-1,3-DICHLOROPROPENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				DIBROMOCHLOROMETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				DIBROMOMETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				DICHLORODIFLUOROMETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				ETHYLBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				HEXACHLOROBUTADIENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				ISOPROPYL BENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				M/P-XYLENES	.023	mg/kg	U	N	Y	U	U						A127-02	14:54
				METHYLENE CHLORIDE	.0032	mg/kg	JB	Y	Y	F	B		06A				A127-02	14:54

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-03																		
YP1008	SW8260B	SW5035	N 0 1.1	N-BUTYLBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				N-PROPYLBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				NAPHTHALENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				O-XYLENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				P-ISOPROPYLTOLUENE	.0042	mg/kg	J	Y	Y	P	J		15				A127-02	14:54
				SEC-BUTYLBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				STYRENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				TERT-BUTYLBENZENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				TETRACHLOROETHENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				TOLUENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				TRANS-1,2-DICHLOROETHENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				TRANS-1,3-DICHLOROPROPENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				TRICHLOROETHENE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				TRICHLOROFLUOROMETHANE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
				VINYL CHLORIDE	.012	mg/kg	U	N	Y	U	U						A127-02	14:54
10130Q-04																		
YP3007	SW6010B	SW3010	N 0 1	ALUMINUM	.584	mg/L		Y	Y	P							E042-02	21:28
				ANTIMONY	.1	mg/L	U	N	Y	U	U						E042-02	21:28
				ARSENIC	.01	mg/L	U	N	Y	U	U						E042-02	22:52
				BARIUM	.00623	mg/L	J	Y	Y	P	J		15				E042-02	21:28
				BERYLLIUM	.001	mg/L	U	N	Y	U	U						E042-02	21:28
				CADMIUM	.01	mg/L	U	N	Y	U	U						E042-02	21:28
				CALCIUM	.525	mg/L	J	Y	Y	F	B		06C	15			E042-02	21:28
				CHROMIUM	.01	mg/L	U	N	Y	U	U						E042-02	21:28
				COBALT	.0124	mg/L	J	Y	Y	P	J		15				E042-02	21:28
				COPPER	.02	mg/L	U	N	Y	U	U						E042-02	21:28
				IRON	.213	mg/L		Y	Y	P							E042-02	21:28
				LEAD	.01	mg/L	U	N	Y	U	U						E042-02	22:52
				MAGNESIUM	.253	mg/L	J	Y	Y	F	B		06C	15			E042-02	21:28
				MANGANESE	.019	mg/L		Y	Y	P							E042-02	21:28
				NICKEL	.02	mg/L	U	N	Y	U	U						E042-02	21:28
				POTASSIUM	4.05	mg/L	J	Y	Y	P	J		15				E042-02	21:28
				SELENIUM	.01	mg/L	U	N	Y	U	U						E042-02	22:52
				SILVER	.01	mg/L	U	N	Y	U	U						E042-02	21:28
				SODIUM	1.71	mg/L		Y	Y	P							E042-02	21:28
				THALLIUM	.01	mg/L	U	N	Y	U	U						E042-02	22:52
				VANADIUM	.01	mg/L	U	N	Y	U	U						E042-02	21:28
				ZINC	.02	mg/L	U	N	Y	U	U						E042-02	21:28
	SW7470A	TOTAL	N 0 1	MERCURY	.0005	mg/L	U	N	Y	U	U						E042-02	10:52

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-04																				
YP3007	SW8330	METHOD	N	0	1	1,3,5-TNB	.0004	mg/L	U	N	Y	U	UJ		11B				E042-02	05:35
						1,3-DNB	.0004	mg/L	U	N	Y	U	UJ		11B				E042-02	05:35
						2,4,6-TNT	.0004	mg/L	U	N	Y	U	UJ		11B				E042-02	05:35
						2,4-DNT	.0004	mg/L	U	N	Y	U	U						E042-02	05:35
						2,6-DNT	.0004	mg/L	U	N	Y	U	U						E042-02	05:35
						2-AM-4,6-DNT	.0004	mg/L	U	N	Y	U	U						E042-02	05:35
						2-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						E042-02	05:35
						3-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						E042-02	05:35
						4-AM-2,6-DNT	.0004	mg/L	U	N	Y	U	U						E042-02	05:35
						4-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						E042-02	05:35
						HMX	.001	mg/L	U	N	Y	U	UJ		11B				E042-02	05:35
						NITROBENZENE	.0004	mg/L	U	N	Y	U	U						E042-02	05:35
						RDX	.0004	mg/L	U	N	Y	U	U						E042-02	05:35
						TETRYL	.0004	mg/L	U	N	Y	U	UJ		11B				E042-02	05:35
YP3007	SW8270C	SW3520	N	0	.97	1,2,4-TRICHLOROBENZENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						1,2-DICHLOROBENZENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						1,3-DICHLOROBENZENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						1,4-DICHLOROBENZENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2,4,5-TRICHLOROPHENOL	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2,4,6-TRICHLOROPHENOL	.024	mg/L	U	N	Y	U	U						E042-02	20:04
						2,4-DICHLOROPHENOL	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2,4-DIMETHYLPHENOL	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2,4-DINITROPHENOL	.024	mg/L	U	N	Y	U	U						E042-02	20:04
						2,4-DINITROTOLUENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2,6-DINITROTOLUENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2-CHLORONAPHTHALENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2-CHLOROPHENOL	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2-METHYLNAPHTHALENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2-METHYLPHENOL	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						2-NITROANILINE	.024	mg/L	U	N	Y	U	U						E042-02	20:04
						2-NITROPHENOL	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						3,3'-DICHLOROBENZIDINE	.024	mg/L	U	N	Y	U	U						E042-02	20:04
						3-NITROANILINE	.024	mg/L	U	N	Y	U	U						E042-02	20:04
						4,6-DINITRO-2-METHYLPHENOL	.024	mg/L	U	N	Y	U	U						E042-02	20:04
						4-BROMOPHENYL-PHENYL ETHER	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						4-CHLORO-3-METHYLPHENOL	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						4-CHLOROANILINE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						4-CHLOROPHENYL-PHENYL ETHER	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						4-METHYLPHENOL	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
						4-NITROANILINE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-04																		
YP3007	SW8270C	SW3520	N 0 .97	4-NITROPHENOL	.024	mg/L	U	N	Y	U	U						E042-02	20:04
				ACENAPHTHENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				ACENAPHTHYLENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				ANTHRACENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BENZO(A)ANTHRACENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BENZO(A)PYRENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BENZO(B)FLUORANTHENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BENZO(G,H,I)PERYLENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BENZO(K)FLUORANTHENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BIS(2-CHLOROETHOXY)METHANE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BIS(2-CHLOROETHYL)ETHER	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BIS(2-CHLOROISOPROPYL)ETHER	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BIS(2-ETHYLHEXYL)PHTHALATE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				BUTYLBENZYLPHTHALATE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				CARBAZOLE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				CHRYSENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				DI-N-BUTYLPHTHALATE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				DI-N-OCTYLPHTHALATE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				DIBENZO(A,H)ANTHRACENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				DIBENZOFURAN	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				DIETHYLPHTHALATE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				DIMETHYLPHTHALATE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				FLUORANTHENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				FLUORENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				HEXACHLOROBENZENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				HEXACHLOROBUTADIENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				HEXACHLOROCYCLOPENTADIENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				HEXACHLOROETHANE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				INDENO(1,2,3-CD)PYRENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				ISOPHORONE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				N-NITROSO-DI-N-PROPYLAMINE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				N-NITROSODIPHENYLAMINE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				NAPHTHALENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				NITROBENZENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				PENTACHLOROPHENOL	.024	mg/L	U	N	Y	U	U						E042-02	20:04
				PHENANTHRENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				PHENOL	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
				PYRENE	.0097	mg/L	U	N	Y	U	U						E042-02	20:04
YP3007	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,1,1-TRICHLOROETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-04																		
YP3007	SW8260B	SW5030	N 0 1	1,1,2,2-TETRACHLOROETHANE	.55	mg/L	E	Y	N	P	R		16				E042-02	19:14
				1,1,2-TRICHLOROETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,1-DICHLOROETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,1-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,1-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,2,3-TRICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,2,3-TRICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,2,4-TRICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,2,4-TRIMETHYLBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/L	U	N	Y	U	U						E042-02	19:14
				1,2-DIBROMOETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,2-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,2-DICHLOROETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,2-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,3,5-TRIMETHYLBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,3-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,3-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				2,2-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				2-BUTANONE	.02	mg/L	U	N	Y	U	U						E042-02	19:14
				2-CHLOROTOLUENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				2-HEXANONE	.02	mg/L	U	N	Y	U	UJ		05B				E042-02	19:14
				4-CHLOROTOLUENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	UJ		05B				E042-02	19:14
				ACETONE	.02	mg/L	U	N	Y	U	U						E042-02	19:14
				BENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				BROMOBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				BROMOCHLOROMETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				BROMODICHLOROMETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				BROMOFORM	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				BROMOMETHANE	.005	mg/L	U	N	Y	U	UJ		05B				E042-02	19:14
				CARBON DISULFIDE	.005	mg/L	U	N	Y	U	UJ		05B				E042-02	19:14
				CARBON TETRACHLORIDE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				CHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				CHLOROETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				CHLOROFORM	.0014	mg/L	J	Y	Y	P	J		15				E042-02	19:14
				CHLOROMETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				CIS-1,2-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				CIS-1,3-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				DIBROMOCHLOROMETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-04																		
YP3007	SW8260B	SW5030	N 0 1	DIBROMOMETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				DICHLORODIFLUOROMETHANE	.005	mg/L	U	N	Y	U	UJ		05B				E042-02	19:14
				ETHYLBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				HEXACHLOROBUTADIENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				ISOPROPYL BENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				M/P-XYLENES	.01	mg/L	U	N	Y	U	U						E042-02	19:14
				METHYLENE CHLORIDE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				N-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				N-PROPYLBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				NAPHTHALENE	.005	mg/L	U	N	Y	U	UJ		05B				E042-02	19:14
				O-XYLENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				P-ISOPROPYLTOLUENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				SEC-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				STYRENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				TERT-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				TETRACHLOROETHENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				TOLUENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				TRANS-1,2-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				TRANS-1,3-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				TRICHLOROETHENE	.1	mg/L		Y	Y	P							E042-02	19:14
				TRICHLOROFLUOROMETHANE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
				VINYL CHLORIDE	.005	mg/L	U	N	Y	U	U						E042-02	19:14
	SW8260B	SW5030	N 1 5	1,1,1,2-TETRACHLOROETHANE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,1,1-TRICHLOROETHANE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,1,2,2-TETRACHLOROETHANE	.58	mg/L		Y	Y	P							E042-02T	20:39
				1,1,2-TRICHLOROETHANE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,1-DICHLOROETHANE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,1-DICHLOROETHENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,1-DICHLOROPROPENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,2,3-TRICHLOROBENZENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,2,3-TRICHLOROPROPANE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,2,4-TRICHLOROBENZENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,2,4-TRIMETHYLBENZENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,2-DIBROMO-3-CHLOROPROPANE	.05	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,2-DIBROMOETHANE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,2-DICHLOROBENZENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,2-DICHLOROETHANE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,2-DICHLOROPROPANE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,3,5-TRIMETHYLBENZENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				1,3-DICHLOROBENZENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-04																		
YP3007	SW8260B	SW5030	N 1 5	1,3-DICHLOROPROPANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				1,4-DICHLOROBENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				2,2-DICHLOROPROPANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				2-BUTANONE	.1	mg/L	U	N	N	U	R	16					E042-02T	20:39
				2-CHLOROTOLUENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				2-HEXANONE	.1	mg/L	U	N	N	U	R	16					E042-02T	20:39
				4-CHLOROTOLUENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				4-METHYL-2-PENTANONE	.05	mg/L	U	N	N	U	R	16					E042-02T	20:39
				ACETONE	.1	mg/L	U	N	N	U	R	16					E042-02T	20:39
				BENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				BROMOBENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				BROMOCHLOROMETHANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				BROMODICHLOROMETHANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				BROMOFORM	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				BROMOMETHANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				CARBON DISULFIDE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				CARBON TETRACHLORIDE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				CHLOROBENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				CHLOROETHANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				CHLOROFORM	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				CHLOROMETHANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				CIS-1,2-DICHLOROETHENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				CIS-1,3-DICHLOROPROPENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				DIBROMOCHLOROMETHANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				DIBROMOMETHANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				DICHLORODIFLUOROMETHANE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				ETHYLBENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				HEXACHLOROBUTADIENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				ISOPROPYL BENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				M/P-XYLENES	.05	mg/L	U	N	N	U	R	16					E042-02T	20:39
				METHYLENE CHLORIDE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				N-BUTYLBENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				N-PROPYLBENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				NAPHTHALENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				O-XYLENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				P-ISOPROPYLTOLUENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				SEC-BUTYLBENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				STYRENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				TERT-BUTYLBENZENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39
				TETRACHLOROETHENE	.025	mg/L	U	N	N	U	R	16					E042-02T	20:39

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-04																		
YP3007	SW8260B	SW5030	N 1 5	TOLUENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				TRANS-1,2-DICHLOROETHENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				TRANS-1,3-DICHLOROPROPENE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				TRICHLOROETHENE	.11	mg/L		Y	N	P	R		16				E042-02T	20:39
				TRICHLOROFLUOROMETHANE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
				VINYL CHLORIDE	.025	mg/L	U	N	N	U	R		16				E042-02T	20:39
10130Q-05																		
YP3003	SW6010B	SW3010	N 0 1	ALUMINUM	.2	mg/L	U	N	Y	U	U						E175-01	20:00
				ANTIMONY	.1	mg/L	U	N	Y	U	U						E175-01	20:00
				ARSENIC	.01	mg/L	U	N	Y	U	U						E175-01	17:54
				BARIUM	.00533	mg/L	J	Y	Y	P	J		15				E175-01	20:00
				BERYLLIUM	.001	mg/L	U	N	Y	U	U						E175-01	20:00
				CADMIUM	.01	mg/L	U	N	Y	U	U						E175-01	20:00
				CALCIUM	.155	mg/L	J	Y	Y	F	B		06C	15			E175-01	20:00
				CHROMIUM	.01	mg/L	U	N	Y	U	U						E175-01	20:00
				COBALT	.02	mg/L	U	N	Y	U	U						E175-01	20:00
				COPPER	.02	mg/L	U	N	Y	U	U						E175-01	20:00
				IRON	.2	mg/L	U	N	Y	U	U						E175-01	20:00
				LEAD	.01	mg/L	U	N	Y	U	U						E175-01	17:54
				MAGNESIUM	.176	mg/L	J	Y	Y	F	B		06C	15			E175-01	20:00
				MANGANESE	.00999	mg/L	J	Y	Y	P	J		15				E175-01	20:00
				NICKEL	.02	mg/L	U	N	Y	U	U						E175-01	20:00
				POTASSIUM	5	mg/L	U	N	Y	U	U						E175-01	20:00
				SELENIUM	.01	mg/L	U	N	Y	U	U						E175-01	17:54
				SILVER	.01	mg/L	U	N	Y	U	U						E175-01	20:00
				SODIUM	.758	mg/L	J	Y	Y	P	J		15				E175-01	20:00
				THALLIUM	.01	mg/L	U	N	Y	U	U						E175-01	17:54
				VANADIUM	.01	mg/L	U	N	Y	U	U						E175-01	20:00
				ZINC	.02	mg/L	U	N	Y	U	U						E175-01	20:00
	SW7470A	TOTAL	N 0 1	MERCURY	.0005	mg/L	U	N	Y	U	U						E175-01	10:42
YP3004	SW6010B	SW3010	N 0 1	ALUMINUM	.2	mg/L	U	N	Y		U						E175-02	20:04
				ANTIMONY	.1	mg/L	U	N	Y		U						E175-02	20:04
				ARSENIC	.01	mg/L	U	N	Y		U						E175-02	17:59
				BARIUM	.00588	mg/L	J	Y	Y		J		15				E175-02	20:04
				BERYLLIUM	.001	mg/L	U	N	Y		U						E175-02	20:04
				CADMIUM	.01	mg/L	U	N	Y		U						E175-02	20:04
				CALCIUM	.153	mg/L	J	Y	Y		B		06C	15			E175-02	20:04
				CHROMIUM	.01	mg/L	U	N	Y		U						E175-02	20:04
				COBALT	.02	mg/L	U	N	Y		U						E175-02	20:04

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-05																		
YP3004	SW6010B	SW3010	N 0 1	COPPER	.02	mg/L	U	N	Y		U						E175-02	20:04
				IRON	.2	mg/L	U	N	Y		U						E175-02	20:04
				LEAD	.01	mg/L	U	N	Y		U						E175-02	17:59
				MAGNESIUM	.192	mg/L	J	Y	Y		B		06C	15			E175-02	20:04
				MANGANESE	.0107	mg/L		Y	Y								E175-02	20:04
				NICKEL	.02	mg/L	U	N	Y		U						E175-02	20:04
				POTASSIUM	5	mg/L	U	N	Y		U						E175-02	20:04
				SELENIUM	.01	mg/L	U	N	Y		U						E175-02	17:59
				SILVER	.01	mg/L	U	N	Y		U						E175-02	20:04
				SODIUM	.771	mg/L	J	Y	Y		J		15				E175-02	20:04
				THALLIUM	.01	mg/L	U	N	Y		U						E175-02	17:59
				VANADIUM	.01	mg/L	U	N	Y		U						E175-02	20:04
				ZINC	.02	mg/L	U	N	Y		U						E175-02	20:04
	SW7470A	TOTAL	N 0 1	MERCURY	.0005	mg/L	U	N	Y		U						E175-02	10:44
YP3003	SW8330	METHOD	N 0 1	1,3,5-TNB	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				1,3-DNB	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				2,4,6-TNT	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				2,4-DNT	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				2,6-DNT	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				2-AM-4,6-DNT	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				2-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				3-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				4-AM-2,6-DNT	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				4-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				HMX	.001	mg/L	U	N	Y	U	UJ		05B				E175-01	03:30
				NITROBENZENE	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				RDX	.0004	mg/L	U	N	Y	U	U						E175-01	03:30
				TETRYL	.0004	mg/L	U	N	Y	U	UJ		05B				E175-01	03:30
YP3004	SW8330	METHOD	N 0 1	1,3,5-TNB	.0004	mg/L	U	N	Y		U						E175-02	04:09
				1,3-DNB	.0004	mg/L	U	N	Y		U						E175-02	04:09
				2,4,6-TNT	.0004	mg/L	U	N	Y		U						E175-02	04:09
				2,4-DNT	.0004	mg/L	U	N	Y		U						E175-02	04:09
				2,6-DNT	.0004	mg/L	U	N	Y		U						E175-02	04:09
				2-AM-4,6-DNT	.0004	mg/L	U	N	Y		U						E175-02	04:09
				2-NITROTOLUENE	.0004	mg/L	U	N	Y		U						E175-02	04:09
				3-NITROTOLUENE	.0004	mg/L	U	N	Y		U						E175-02	04:09
				4-AM-2,6-DNT	.0004	mg/L	U	N	Y		U						E175-02	04:09
				4-NITROTOLUENE	.0004	mg/L	U	N	Y		U						E175-02	04:09
				HMX	.001	mg/L	U	N	Y		UJ		05B				E175-02	04:09
				NITROBENZENE	.0004	mg/L	U	N	Y		U						E175-02	04:09

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-05																		
YP3004	SW8330	METHOD	N 0 1	RDX	.0004	mg/L	U	N	Y		U						E175-02	04:09
				TETRYL	.0004	mg/L	U	N	Y		UJ		05B				E175-02	04:09
YP3003	SW8270C	SW3520	N 0 .95	1,2,4-TRICHLOROBENZENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				1,2-DICHLOROBENZENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				1,3-DICHLOROBENZENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				1,4-DICHLOROBENZENE	.0095	mg/L	U	N	Y	U	UJ		11B				E175-01	01:12
				2,4,5-TRICHLOROPHENOL	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				2,4,6-TRICHLOROPHENOL	.024	mg/L	U	N	Y	U	U						E175-01	01:12
				2,4-DICHLOROPHENOL	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				2,4-DIMETHYLPHENOL	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				2,4-DINITROPHENOL	.024	mg/L	U	N	Y	U	U						E175-01	01:12
				2,4-DINITROTOLUENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				2,6-DINITROTOLUENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				2-CHLORONAPHTHALENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				2-CHLOROPHENOL	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				2-METHYLNAPHTHALENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				2-METHYLPHENOL	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				2-NITROANILINE	.024	mg/L	U	N	Y	U	UJ		05B				E175-01	01:12
				2-NITROPHENOL	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				3,3'-DICHLOROBENZIDINE	.024	mg/L	U	N	Y	U	U						E175-01	01:12
				3-NITROANILINE	.024	mg/L	U	N	Y	U	U						E175-01	01:12
				4,6-DINITRO-2-METHYLPHENOL	.024	mg/L	U	N	Y	U	UJ		05B				E175-01	01:12
				4-BROMOPHENYL-PHENYL ETHER	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				4-CHLORO-3-METHYLPHENOL	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				4-CHLOROANILINE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				4-CHLOROPHENYL-PHENYL ETHER	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				4-METHYLPHENOL	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				4-NITROANILINE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				4-NITROPHENOL	.024	mg/L	U	N	Y	U	U						E175-01	01:12
				ACENAPHTHENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				ACENAPHTHYLENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				ANTHRACENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				BENZO(A)ANTHRACENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				BENZO(A)PYRENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				BENZO(B)FLUORANTHENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				BENZO(G,H,I)PERYLENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				BENZO(K)FLUORANTHENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				BIS(2-CHLOROETHOXY)METHANE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				BIS(2-CHLOROETHYL)ETHER	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				BIS(2-CHLOROISOPROPYL)ETHER	.0095	mg/L	U	N	Y	U	UJ		05B				E175-01	01:12

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-05																		
YP3003	SW8270C	SW3520	N 0 .95	BIS(2-ETHYLHEXYL)PHTHALATE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				BUTYLBENZYLPHTHALATE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				CARBAZOLE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				CHRYSENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				DI-N-BUTYLPHTHALATE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				DI-N-OCTYLPHTHALATE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				DIBENZO(A,H)ANTHRACENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				DIBENZOFURAN	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				DIETHYLPHTHALATE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				DIMETHYLPHTHALATE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				FLUORANTHENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				FLUORENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				HEXACHLOROBENZENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				HEXACHLOROBUTADIENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				HEXACHLOROCYCLOPENTADIENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				HEXACHLOROETHANE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				INDENO(1,2,3-CD)PYRENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				ISOPHORONE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				N-NITROSO-DI-N-PROPYLAMINE	.0095	mg/L	U	N	Y	U	UJ		11B				E175-01	01:12
				N-NITROSODIPHENYLAMINE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				NAPHTHALENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				NITROBENZENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				PENTACHLOROPHENOL	.024	mg/L	U	N	Y	U	U						E175-01	01:12
				PHENANTHRENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				PHENOL	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
				PYRENE	.0095	mg/L	U	N	Y	U	U						E175-01	01:12
YP3004	SW8270C	SW3520	N 0 .99	1,2,4-TRICHLOROBENZENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				1,2-DICHLOROBENZENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				1,3-DICHLOROBENZENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				1,4-DICHLOROBENZENE	.0099	mg/L	U	N	Y		UJ		11B				E175-02	01:51
				2,4,5-TRICHLOROPHENOL	.0099	mg/L	U	N	Y		U						E175-02	01:51
				2,4,6-TRICHLOROPHENOL	.025	mg/L	U	N	Y		U						E175-02	01:51
				2,4-DICHLOROPHENOL	.0099	mg/L	U	N	Y		U						E175-02	01:51
				2,4-DIMETHYLPHENOL	.0099	mg/L	U	N	Y		U						E175-02	01:51
				2,4-DINITROPHENOL	.025	mg/L	U	N	Y		U						E175-02	01:51
				2,4-DINITROTOLUENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				2,6-DINITROTOLUENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				2-CHLORONAPHTHALENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				2-CHLOROPHENOL	.0099	mg/L	U	N	Y		U						E175-02	01:51
				2-METHYLNAPHTHALENE	.0099	mg/L	U	N	Y		U						E175-02	01:51

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-05																		
YP3004	SW8270C	SW3520	N 0 .99	2-METHYLPHENOL	.0099	mg/L	U	N	Y		U						E175-02	01:51
				2-NITROANILINE	.025	mg/L	U	N	Y		UJ		05B				E175-02	01:51
				2-NITROPHENOL	.0099	mg/L	U	N	Y		U						E175-02	01:51
				3,3'-DICHLOROBENZIDINE	.025	mg/L	U	N	Y		U						E175-02	01:51
				3-NITROANILINE	.025	mg/L	U	N	Y		U						E175-02	01:51
				4,6-DINITRO-2-METHYLPHENOL	.025	mg/L	U	N	Y		UJ		05B				E175-02	01:51
				4-BROMOPHENYL-PHENYL ETHER	.0099	mg/L	U	N	Y		U						E175-02	01:51
				4-CHLORO-3-METHYLPHENOL	.0099	mg/L	U	N	Y		U						E175-02	01:51
				4-CHLOROANILINE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				4-CHLOROPHENYL-PHENYL ETHER	.0099	mg/L	U	N	Y		U						E175-02	01:51
				4-METHYLPHENOL	.0099	mg/L	U	N	Y		U						E175-02	01:51
				4-NITROANILINE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				4-NITROPHENOL	.025	mg/L	U	N	Y		U						E175-02	01:51
				ACENAPHTHENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				ACENAPHTHYLENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				ANTHRACENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				BENZO(A)ANTHRACENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				BENZO(A)PYRENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				BENZO(B)FLUORANTHENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				BENZO(G,H,I)PERYLENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				BENZO(K)FLUORANTHENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				BIS(2-CHLOROETHOXY)METHANE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				BIS(2-CHLOROETHYL)ETHER	.0099	mg/L	U	N	Y		U						E175-02	01:51
				BIS(2-CHLOROISOPROPYL)ETHER	.0099	mg/L	U	N	Y		UJ		05B				E175-02	01:51
				BIS(2-ETHYLHEXYL)PHTHALATE	.018	mg/L		Y	Y		B		06A				E175-02	01:51
				BUTYLBENZYLPHTHALATE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				CARBAZOLE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				CHRYSENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				DI-N-BUTYLPHTHALATE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				DI-N-OCTYLPHTHALATE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				DIBENZO(A,H)ANTHRACENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				DIBENZOFURAN	.0099	mg/L	U	N	Y		U						E175-02	01:51
				DIETHYLPHTHALATE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				DIMETHYLPHTHALATE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				FLUORANTHENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				FLUORENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				HEXACHLOROBENZENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				HEXACHLOROBUTADIENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				HEXACHLOROCYCLOPENTADIENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				HEXACHLOROETHANE	.0099	mg/L	U	N	Y		U						E175-02	01:51

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-05																		
YP3004	SW8270C	SW3520	N 0 .99	INDENO(1,2,3-CD)PYRENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				ISOPHORONE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				N-NITROSO-DI-N-PROPYLAMINE	.0099	mg/L	U	N	Y		UJ		11B				E175-02	01:51
				N-NITROSODIPHENYLAMINE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				NAPHTHALENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				NITROBENZENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				PENTACHLOROPHENOL	.025	mg/L	U	N	Y		U						E175-02	01:51
				PHENANTHRENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
				PHENOL	.0099	mg/L	U	N	Y		U						E175-02	01:51
				PYRENE	.0099	mg/L	U	N	Y		U						E175-02	01:51
YP3003	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,1,1-TRICHLOROETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,1,2,2-TETRACHLOROETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,1,2-TRICHLOROETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,1-DICHLOROETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,1-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,1-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,2,3-TRICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,2,3-TRICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,2,4-TRICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,2,4-TRIMETHYLBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/L	U	N	Y	U	U						E175-01	20:25
				1,2-DIBROMOETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,2-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,2-DICHLOROETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,2-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,3,5-TRIMETHYLBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,3-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,3-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				2,2-DICHLOROPROPANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				2-BUTANONE	.02	mg/L	U	N	Y	U	U						E175-01	20:25
				2-CHLOROTOLUENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				2-HEXANONE	.02	mg/L	U	N	Y	U	U						E175-01	20:25
				4-CHLOROTOLUENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						E175-01	20:25
				ACETONE	.01	mg/L	J	Y	Y	P	J		15				E175-01	20:25
				BENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				BROMOBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				BROMOCHLOROMETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-05																		
YP3003	SW8260B	SW5030	N 0 1	BROMODICHLOROMETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				BROMOFORM	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				BROMOMETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				CARBON DISULFIDE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				CARBON TETRACHLORIDE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				CHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				CHLOROETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				CHLOROFORM	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				CHLOROMETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				CIS-1,2-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				CIS-1,3-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				DIBROMOCHLOROMETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				DIBROMOMETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				DICHLORODIFLUOROMETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				ETHYLBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				HEXACHLOROBUTADIENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				ISOPROPYL BENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				M/P-XYLENES	.01	mg/L	U	N	Y	U	U						E175-01	20:25
				METHYLENE CHLORIDE	.0015	mg/L	JB	Y	Y	F	B		06A	15			E175-01	20:25
				N-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				N-PROPYLBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				NAPHTHALENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				O-XYLENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				P-ISOPROPYLTOLUENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				SEC-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				STYRENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				TERT-BUTYLBENZENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				TETRACHLOROETHENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				TOLUENE	.011	mg/L		Y	Y	P							E175-01	20:25
				TRANS-1,2-DICHLOROETHENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				TRANS-1,3-DICHLOROPROPENE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				TRICHLOROETHENE	.0012	mg/L	J	Y	Y	P	J		15				E175-01	20:25
				TRICHLOROFLUOROMETHANE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
				VINYL CHLORIDE	.005	mg/L	U	N	Y	U	U						E175-01	20:25
YP3004	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.005	mg/L	U	N	Y		U						E175-02	21:03
				1,1,1-TRICHLOROETHANE	.005	mg/L	U	N	Y		U						E175-02	21:03
				1,1,2,2-TETRACHLOROETHANE	.005	mg/L	U	N	Y		U						E175-02	21:03
				1,1,2-TRICHLOROETHANE	.005	mg/L	U	N	Y		U						E175-02	21:03
				1,1-DICHLOROETHANE	.005	mg/L	U	N	Y		U						E175-02	21:03
				1,1-DICHLOROETHENE	.005	mg/L	U	N	Y		U						E175-02	21:03

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-05																
YP3004	SW8260B	SW5030	N 0 1	1,1-DICHLOROPROPENE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,2,3-TRICHLOROBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,2,3-TRICHLOROPROPANE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,2,4-TRICHLOROBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,2,4-TRIMETHYLBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/L	U	N Y	U						E175-02	21:03
				1,2-DIBROMOETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,2-DICHLOROBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,2-DICHLOROETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,2-DICHLOROPROPANE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,3,5-TRIMETHYLBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,3-DICHLOROBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,3-DICHLOROPROPANE	.005	mg/L	U	N Y	U						E175-02	21:03
				1,4-DICHLOROBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				2,2-DICHLOROPROPANE	.005	mg/L	U	N Y	U						E175-02	21:03
				2-BUTANONE	.02	mg/L	U	N Y	U						E175-02	21:03
				2-CHLOROTOLUENE	.005	mg/L	U	N Y	U						E175-02	21:03
				2-HEXANONE	.02	mg/L	U	N Y	U						E175-02	21:03
				4-CHLOROTOLUENE	.005	mg/L	U	N Y	U						E175-02	21:03
				4-METHYL-2-PENTANONE	.01	mg/L	U	N Y	U						E175-02	21:03
				ACETONE	.02	mg/L	U	N Y	U						E175-02	21:03
				BENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				BROMOBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				BROMOCHLOROMETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				BROMODICHLOROMETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				BROMOFORM	.005	mg/L	U	N Y	U						E175-02	21:03
				BROMOMETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				CARBON DISULFIDE	.005	mg/L	U	N Y	U						E175-02	21:03
				CARBON TETRACHLORIDE	.005	mg/L	U	N Y	U						E175-02	21:03
				CHLOROBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				CHLOROETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				CHLOROFORM	.005	mg/L	U	N Y	U						E175-02	21:03
				CHLOROMETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				CIS-1,2-DICHLOROETHENE	.005	mg/L	U	N Y	U						E175-02	21:03
				CIS-1,3-DICHLOROPROPENE	.005	mg/L	U	N Y	U						E175-02	21:03
				DIBROMOCHLOROMETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				DIBROMOMETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				DICHLORODIFLUOROMETHANE	.005	mg/L	U	N Y	U						E175-02	21:03
				ETHYLBENZENE	.005	mg/L	U	N Y	U						E175-02	21:03
				HEXACHLOROBUTADIENE	.005	mg/L	U	N Y	U						E175-02	21:03

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-05																		
YP3004	SW8260B	SW5030	N 0 1	ISOPROPYL BENZENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				M/P-XYLENES	.01	mg/L	U	N	Y		U						E175-02	21:03
				METHYLENE CHLORIDE	.005	mg/L	U	N	Y		U						E175-02	21:03
				N-BUTYLBENZENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				N-PROPYLBENZENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				NAPHTHALENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				O-XYLENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				P-ISOPROPYLTOLUENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				SEC-BUTYLBENZENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				STYRENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				TERT-BUTYLBENZENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				TETRACHLOROETHENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				TOLUENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				TRANS-1,2-DICHLOROETHENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				TRANS-1,3-DICHLOROPROPENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				TRICHLOROETHENE	.005	mg/L	U	N	Y		U						E175-02	21:03
				TRICHLOROFLUOROMETHANE	.005	mg/L	U	N	Y		U						E175-02	21:03
				VINYL CHLORIDE	.005	mg/L	U	N	Y		U						E175-02	21:03
10130Q-06																		
YP3001	SW6010B	SW3010	N 0 1	ALUMINUM	1.28	mg/L		Y	Y	P							G178-04	03:37
				ANTIMONY	.1	mg/L	U	N	Y	U	U						G178-04	03:37
				ARSENIC	.01	mg/L	U	N	Y	U	U						G178-04	20:03
				BARIUM	.00702	mg/L	J	Y	Y	P	J		15				G178-04	03:37
				BERYLLIUM	.001	mg/L	U	N	Y	U	U						G178-04	03:37
				CADMIUM	.01	mg/L	U	N	Y	U	U						G178-04	03:37
				CALCIUM	.512	mg/L	J	Y	Y	F	B		06C	15			G178-04	03:37
				CHROMIUM	.01	mg/L	U	N	Y	U	U						G178-04	03:37
				COBALT	.0144	mg/L	J	Y	Y	P	J		15				G178-04	03:37
				COPPER	.02	mg/L	U	N	Y	U	U						G178-04	03:37
				IRON	.469	mg/L		Y	Y	F	B		06C				G178-04	03:37
				LEAD	.01	mg/L	U	N	Y	U	U						G178-04	20:03
				MAGNESIUM	1	mg/L	U	N	Y	U	U						G178-04	03:37
				MANGANESE	.00853	mg/L	J	Y	Y	F	B		06C	15			G178-04	03:37
				NICKEL	.02	mg/L	U	N	Y	U	U						G178-04	03:37
				POTASSIUM	13	mg/L		Y	Y	P							G178-04	03:37
				SELENIUM	.01	mg/L	U	N	Y	U	U						G178-04	20:03
				SILVER	.00489	mg/L	J	Y	Y	P	J		15				G178-04	03:37
				SODIUM	5.02	mg/L		Y	Y	P							G178-04	03:37
				THALLIUM	.01	mg/L	U	N	Y	U	U						G178-04	20:03
				VANADIUM	.01	mg/L	U	N	Y	U	U						G178-04	03:37

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																				
YP3001	SW6010B	SW3010	N	0	1	ZINC	.00669	mg/L	J	Y	Y	F	B		06B	15			G178-04	03:37
	SW7470A	TOTAL	N	0	1	MERCURY	.0005	mg/L	U	N	Y	U	U						G178-04	15:24
YP3002	SW6010B	SW3010	N	0	1	ALUMINUM	.0495	mg/L	J	Y	Y	P	J		15				G178-05	17:25
						ANTIMONY	.1	mg/L	U	N	Y	U	U						G178-05	17:25
						ARSENIC	.01	mg/L	U	N	Y	U	U						G178-05	16:44
						BARIUM	.36	mg/L		Y	Y	P							G178-05	17:25
						BERYLLIUM	.001	mg/L	U	N	Y	U	U						G178-05	17:25
						CADMIUM	.01	mg/L	U	N	Y	U	U						G178-05	17:25
						CALCIUM	1.65	mg/L		Y	Y	P							G178-05	17:25
						CHROMIUM	.01	mg/L	U	N	Y	U	U						G178-05	17:25
						COBALT	.0294	mg/L		Y	Y	P							G178-05	17:25
						COPPER	.02	mg/L	U	N	Y	U	U						G178-05	17:25
						IRON	.166	mg/L	J	Y	Y	F	B		06B	06C	15		G178-05	17:25
						LEAD	.01	mg/L	U	N	Y	U	U						G178-05	16:44
						MAGNESIUM	.36	mg/L	J	Y	Y	F	B		06B	15			G178-05	17:25
						MANGANESE	3.11	mg/L		Y	Y	P							G178-05	17:25
						NICKEL	.0322	mg/L		Y	Y	P							G178-05	17:25
						POTASSIUM	3.58	mg/L	J	Y	Y	P	J		15				G178-05	17:25
						SELENIUM	.01	mg/L	U	N	Y	U	U						G178-05	16:44
						SILVER	.01	mg/L	U	N	Y	U	U						G178-05	17:25
						SODIUM	2.41	mg/L		Y	Y	P							G178-05	17:25
						THALLIUM	.01	mg/L	U	N	Y	U	U						G178-05	16:44
						VANADIUM	.01	mg/L	U	N	Y	U	U						G178-05	17:25
						ZINC	.00975	mg/L	J	Y	Y	P	J		15				G178-05	17:25
	SW7470A	TOTAL	N	0	1	MERCURY	.0005	mg/L	U	N	Y	U	U						G178-05	15:43
YP3006	SW6010B	SW3010	N	0	1	ALUMINUM	.242	mg/L		Y	Y	P							G178-06	17:29
						ANTIMONY	.1	mg/L	U	N	Y	U	U						G178-06	17:29
						ARSENIC	.01	mg/L	U	N	Y	U	U						G178-06	16:49
						BARIUM	.00541	mg/L	J	Y	Y	F	B		06B	15			G178-06	17:29
						BERYLLIUM	.001	mg/L	U	N	Y	U	U						G178-06	17:29
						CADMIUM	.01	mg/L	U	N	Y	U	U						G178-06	17:29
						CALCIUM	1.07	mg/L		Y	Y	P							G178-06	17:29
						CHROMIUM	.01	mg/L	U	N	Y	U	U						G178-06	17:29
						COBALT	.02	mg/L	U	N	Y	U	U						G178-06	17:29
						COPPER	.02	mg/L	U	N	Y	U	U						G178-06	17:29
						IRON	.213	mg/L		Y	Y	F	B		06B	06C			G178-06	17:29
						LEAD	.01	mg/L	U	N	Y	U	U						G178-06	16:49
						MAGNESIUM	.228	mg/L	J	Y	Y	F	B		06B	15			G178-06	17:29
						MANGANESE	.00956	mg/L	J	Y	Y	F	B		06B	15			G178-06	17:29
						NICKEL	.02	mg/L	U	N	Y	U	U						G178-06	17:29

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																				
YP3006	SW6010B	SW3010	N	0	1	POTASSIUM	5	mg/L	U	N	Y	U	U						G178-06	17:29
						SELENIUM	.01	mg/L	U	N	Y	U	U						G178-06	16:49
						SILVER	.01	mg/L	U	N	Y	U	U						G178-06	17:29
						SODIUM	1.14	mg/L		Y	Y	P							G178-06	17:29
						THALLIUM	.01	mg/L	U	N	Y	U	U						G178-06	16:49
						VANADIUM	.01	mg/L	U	N	Y	U	U						G178-06	17:29
						ZINC	.0322	mg/L		Y	Y	P							G178-06	17:29
	SW7470A	TOTAL	N	0	1	MERCURY	.0005	mg/L	U	N	Y	U	U						G178-06	15:52
YP3001	SW8330	METHOD	N	0	1	1,3,5-TNB	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						1,3-DNB	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						2,4,6-TNT	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						2,4-DNT	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						2,6-DNT	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						2-AM-4,6-DNT	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						2-NITROTOLUENE	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						3-NITROTOLUENE	.0006	mg/L	U	N	Y		U						G178-04W	16:29
						4-AM-2,6-DNT	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						4-NITROTOLUENE	.0006	mg/L	U	N	Y		U						G178-04W	16:29
						HMX	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						NITROBENZENE	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						RDX	.0004	mg/L	U	N	Y		U						G178-04W	16:29
						TETRYL	.0004	mg/L	U	N	Y		U						G178-04W	16:29
YP3002	SW8330	METHOD	N	0	1	1,3,5-TNB	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						1,3-DNB	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						2,4,6-TNT	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						2,4-DNT	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						2,6-DNT	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						2-AM-4,6-DNT	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						2-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						3-NITROTOLUENE	.0006	mg/L	U	N	Y	U	U						G178-05	02:55
						4-AM-2,6-DNT	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						4-NITROTOLUENE	.0006	mg/L	U	N	Y	U	U						G178-05	02:55
						HMX	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						NITROBENZENE	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						RDX	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
						TETRYL	.0004	mg/L	U	N	Y	U	U						G178-05	02:55
YP3006	SW8330	METHOD	N	0	1	1,3,5-TNB	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
						1,3-DNB	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
						2,4,6-TNT	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
						2,4-DNT	.0004	mg/L	U	N	Y	U	U						G178-06	04:51

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																		
YP3006	SW8330	METHOD	N 0 1	2,6-DNT	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
				2-AM-4,6-DNT	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
				2-NITROTOLUENE	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
				3-NITROTOLUENE	.0006	mg/L	U	N	Y	U	U						G178-06	04:51
				4-AM-2,6-DNT	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
				4-NITROTOLUENE	.0006	mg/L	U	N	Y	U	U						G178-06	04:51
				HMX	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
				NITROBENZENE	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
				RDX	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
				TETRYL	.0004	mg/L	U	N	Y	U	U						G178-06	04:51
YP3001	SW8270C	SW3520	N 0 1	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				1,2-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				1,3-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				1,4-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2,4,6-TRICHLOROPHENOL	.025	mg/L	U	N	Y	U	U						G178-04	19:25
				2,4-DICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2,4-DIMETHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2,4-DINITROPHENOL	.025	mg/L	U	N	Y	U	U						G178-04	19:25
				2,4-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2,6-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2-CHLORONAPHTHALENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2-CHLOROPHENOL	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2-METHYLNAPHTHALENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				2-NITROANILINE	.025	mg/L	U	N	Y	U	U						G178-04	19:25
				2-NITROPHENOL	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				3,3'-DICHLOROBENZIDINE	.025	mg/L	U	N	Y	U	U						G178-04	19:25
				3-NITROANILINE	.025	mg/L	U	N	Y	U	U						G178-04	19:25
				4,6-DINITRO-2-METHYLPHENOL	.025	mg/L	U	N	Y	U	U						G178-04	19:25
				4-BROMOPHENYL-PHENYL ETHER	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				4-CHLOROANILINE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				4-CHLOROPHENYL-PHENYL ETHER	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				4-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				4-NITROANILINE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				4-NITROPHENOL	.025	mg/L	U	N	Y	U	U						G178-04	19:25
				ACENAPHTHENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				ACENAPHTHYLENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				ANTHRACENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																		
YP3001	SW8270C	SW3520	N 0 1	BENZO(A)ANTHRACENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				BENZO(A)PYRENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				BENZO(B)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				BENZO(G,H,I)PERYLENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				BENZO(K)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				BIS(2-CHLOROETHYL)ETHER	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				BIS(2-CHLOROISOPROPYL)ETHER	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				BIS(2-ETHYLHEXYL)PHTHALATE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				BUTYLBENZYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				CARBAZOLE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				CHRYSENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				DI-N-BUTYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				DI-N-OCTYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				DIBENZO(A,H)ANTHRACENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				DIBENZOFURAN	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				DIETHYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				DIMETHYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				FLUORANTHENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				FLUORENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				HEXACHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				HEXACHLOROBUTADIENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				HEXACHLOROCYCLOPENTADIENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				HEXACHLOROETHANE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				ISOPHORONE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				N-NITROSO-DI-N-PROPYLAMINE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				N-NITROSODIPHENYLAMINE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				NAPHTHALENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				NITROBENZENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				PENTACHLOROPHENOL	.025	mg/L	U	N	Y	U	U						G178-04	19:25
				PHENANTHRENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				PHENOL	.01	mg/L	U	N	Y	U	U						G178-04	19:25
				PYRENE	.01	mg/L	U	N	Y	U	U						G178-04	19:25
YP3002	SW8270C	SW3520	N 0 1.03	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				1,2-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				1,3-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				1,4-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2,4,6-TRICHLOROPHENOL	.026	mg/L	U	N	Y	U	U						G178-05	21:20

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																		
YP3002	SW8270C	SW3520	N 0 1.03	2,4-DICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2,4-DIMETHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2,4-DINITROPHENOL	.026	mg/L	U	N	Y	U	U						G178-05	21:20
				2,4-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2,6-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2-CHLORONAPHTHALENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2-CHLOROPHENOL	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2-METHYLNAPHTHALENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				2-NITROANILINE	.026	mg/L	U	N	Y	U	U						G178-05	21:20
				2-NITROPHENOL	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				3,3'-DICHLOROBENZIDINE	.026	mg/L	U	N	Y	U	U						G178-05	21:20
				3-NITROANILINE	.026	mg/L	U	N	Y	U	U						G178-05	21:20
				4,6-DINITRO-2-METHYLPHENOL	.026	mg/L	U	N	Y	U	U						G178-05	21:20
				4-BROMOPHENYL-PHENYL ETHER	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				4-CHLOROANILINE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				4-CHLOROPHENYL-PHENYL ETHER	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				4-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				4-NITROANILINE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				4-NITROPHENOL	.026	mg/L	U	N	Y	U	U						G178-05	21:20
				ACENAPHTHENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				ACENAPHTHYLENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				ANTHRACENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BENZO(A)ANTHRACENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BENZO(A)PYRENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BENZO(B)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BENZO(G,H,I)PERYLENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BENZO(K)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BIS(2-CHLOROETHYL)ETHER	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BIS(2-CHLOROISOPROPYL)ETHER	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BIS(2-ETHYLHEXYL)PHTHALATE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				BUTYLBENZYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				CARBAZOLE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				CHRYSENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				DI-N-BUTYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				DI-N-OCTYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				DIBENZO(A,H)ANTHRACENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
				DIBENZOFURAN	.01	mg/L	U	N	Y	U	U						G178-05	21:20

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																				
YP3002	SW8270C	SW3520	N	0	1.03	DIETHYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						DIMETHYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						FLUORANTHENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						FLUORENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						HEXACHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						HEXACHLOROBUTADIENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						HEXACHLOROCYCLOPENTADIENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						HEXACHLOROETHANE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						ISOPHORONE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						N-NITROSO-DI-N-PROPYLAMINE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						N-NITROSODIPHENYLAMINE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						NAPHTHALENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						NITROBENZENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						PENTACHLOROPHENOL	.026	mg/L	U	N	Y	U	U						G178-05	21:20
						PHENANTHRENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						PHENOL	.01	mg/L	U	N	Y	U	U						G178-05	21:20
						PYRENE	.01	mg/L	U	N	Y	U	U						G178-05	21:20
YP3006	SW8270C	SW3520	N	0	1	1,2,4-TRICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						1,2-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						1,3-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						1,4-DICHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2,4,5-TRICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2,4,6-TRICHLOROPHENOL	.025	mg/L	U	N	Y	U	U						G178-06	21:58
						2,4-DICHLOROPHENOL	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2,4-DIMETHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2,4-DINITROPHENOL	.025	mg/L	U	N	Y	U	U						G178-06	21:58
						2,4-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2,6-DINITROTOLUENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2-CHLORONAPHTHALENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2-CHLOROPHENOL	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2-METHYLNAPHTHALENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						2-NITROANILINE	.025	mg/L	U	N	Y	U	U						G178-06	21:58
						2-NITROPHENOL	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						3,3'-DICHLOROBENZIDINE	.025	mg/L	U	N	Y	U	U						G178-06	21:58
						3-NITROANILINE	.025	mg/L	U	N	Y	U	U						G178-06	21:58
						4,6-DINITRO-2-METHYLPHENOL	.025	mg/L	U	N	Y	U	U						G178-06	21:58
						4-BROMOPHENYL-PHENYL ETHER	.01	mg/L	U	N	Y	U	U						G178-06	21:58
						4-CHLORO-3-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-06	21:58

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																		
YP3006	SW8270C	SW3520	N 0 1	4-CHLOROANILINE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				4-CHLOROPHENYL-PHENYL ETHER	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				4-METHYLPHENOL	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				4-NITROANILINE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				4-NITROPHENOL	.025	mg/L	U	N	Y	U	U						G178-06	21:58
				ACENAPHTHENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				ACENAPHTHYLENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				ANTHRACENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BENZO(A)ANTHRACENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BENZO(A)PYRENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BENZO(B)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BENZO(G,H,I)PERYLENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BENZO(K)FLUORANTHENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BIS(2-CHLOROETHOXY)METHANE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BIS(2-CHLOROETHYL)ETHER	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BIS(2-CHLOROISOPROPYL)ETHER	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BIS(2-ETHYLHEXYL)PHTHALATE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				BUTYLBENZYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				CARBAZOLE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				CHRYSENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				DI-N-BUTYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				DI-N-OCTYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				DIBENZO(A,H)ANTHRACENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				DIBENZOFURAN	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				DIETHYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				DIMETHYLPHTHALATE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				FLUORANTHENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				FLUORENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				HEXACHLOROBENZENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				HEXACHLOROBUTADIENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				HEXACHLOROCYCLOPENTADIENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				HEXACHLOROETHANE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				INDENO(1,2,3-CD)PYRENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				ISOPHORONE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				N-NITROSO-DI-N-PROPYLAMINE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				N-NITROSODIPHENYLAMINE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				NAPHTHALENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				NITROBENZENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				PENTACHLOROPHENOL	.025	mg/L	U	N	Y	U	U						G178-06	21:58
				PHENANTHRENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																		
YP3006	SW8270C	SW3520	N 0 1	PHENOL	.01	mg/L	U	N	Y	U	U						G178-06	21:58
				PYRENE	.01	mg/L	U	N	Y	U	U						G178-06	21:58
YP3001	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						G178-04	04:30
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						G178-04	04:30
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			G178-04	04:30
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				2-HEXANONE	.01	mg/L	U	N	Y	U	U						G178-04	04:30
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						G178-04	04:30
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			G178-04	04:30
				BENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				BROMOFORM	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	UJ		05B				G178-04	04:30
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						G178-04	04:30

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																		
YP3001	SW8260B	SW5030	N 0 1	CHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				G178-04	04:30
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						G178-04	04:30
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						G178-04	04:30
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				O-XYLENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				STYRENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				TOLUENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						G178-04	04:30
YP3002	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						G178-05	05:06
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																		
YP3002	SW8260B	SW5030	N 0 1	1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						G178-05	05:06
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			G178-05	05:06
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				2-HEXANONE	.01	mg/L	U	N	Y	U	U						G178-05	05:06
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						G178-05	05:06
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			G178-05	05:06
				BENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				BROMOFORM	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	UJ		05B				G178-05	05:06
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				G178-05	05:06
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						G178-05	05:06
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						G178-05	05:06
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				O-XYLENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																		
YP3002	SW8260B	SW5030	N 0 1	SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				STYRENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				TOLUENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						G178-05	05:06
YP3006	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						G178-06	05:41
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						G178-06	05:41
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			G178-06	05:41
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				2-HEXANONE	.01	mg/L	U	N	Y	U	U						G178-06	05:41
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						G178-06	05:41
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			G178-06	05:41
				BENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41

Validation Qualifier Data Entry Verification
Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-06																		
YP3006	SW8260B	SW5030	N 0 1	BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				BROMOFORM	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	UJ		05B				G178-06	05:41
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				G178-06	05:41
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						G178-06	05:41
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						G178-06	05:41
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				O-XYLENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				STYRENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				TOLUENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						G178-06	05:41
10130Q-07																		
YP3012	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-07																		
YP3012	SW8260B	SW5030	N 0 1	1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		04A	05A	05B		E149-01	23:50
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				E149-01	23:50
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E149-01	23:50
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			E149-01	23:50
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A			E149-01	23:50
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						E149-01	23:50
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			E149-01	23:50
				BENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				BROMOFORM	.001	mg/L	U	N	Y	U	UJ		05B				E149-01	23:50
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	UJ		05B				E149-01	23:50
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				E149-01	23:50
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-07																		
YP3012	SW8260B	SW5030	N 0 1	HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						E149-01	23:50
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						E149-01	23:50
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				O-XYLENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				STYRENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				TOLUENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ		05B				E149-01	23:50
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				E149-01	23:50
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						E149-01	23:50
YP3013	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,1,2,2-TETRACHLOROETHANE	.005	mg/L		Y	Y	P							E149-02	00:27
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		04A	05A	05B		E149-02	00:27
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				E149-02	00:27
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E149-02	00:27
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-07																		
YP3013	SW8260B	SW5030	N 0 1	2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			E149-02	00:27
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A			E149-02	00:27
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						E149-02	00:27
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			E149-02	00:27
				BENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				BROMOFORM	.001	mg/L	U	N	Y	U	UJ		05B				E149-02	00:27
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	UJ		05B				E149-02	00:27
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				E149-02	00:27
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						E149-02	00:27
				METHYLENE CHLORIDE	.00021	mg/L	J	Y	Y	F	B		06D	15			E149-02	00:27
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				O-XYLENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				STYRENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				TOLUENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E149-02	00:27
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ		05B				E149-02	00:27

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-07																
YP3013	SW8260B	SW5030	N 0 1	TRICHLOROETHENE	.0011	mg/L		Y Y P							E149-02	00:27
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N Y U	UJ		05B				E149-02	00:27
				VINYL CHLORIDE	.001	mg/L	U	N Y U	U						E149-02	00:27
10130Q-08																
YP3011	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,1,2,2-TETRACHLOROETHANE	.0042	mg/L		Y Y P							E179-04	20:07
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,1-DICHLOROETHANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,1-DICHLOROETHENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,1-DICHLOROPROPENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N Y U	R		04A	05A	05B		E179-04	20:07
				1,2-DIBROMOETHANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,2-DICHLOROBENZENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,2-DICHLOROETHANE	.001	mg/L	U	N Y U	UJ		05B				E179-04	20:07
				1,2-DICHLOROPROPANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,3-DICHLOROBENZENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,3-DICHLOROPROPANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				1,4-DICHLOROBENZENE	.005	mg/L	U	N Y U	U						E179-04	20:07
				2,2-DICHLOROPROPANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				2-BUTANONE	.01	mg/L	U	N Y U	R		04A	05A			E179-04	20:07
				2-CHLOROTOLUENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				2-HEXANONE	.01	mg/L	U	N Y U	R		04A	05A			E179-04	20:07
				4-CHLOROTOLUENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				4-METHYL-2-PENTANONE	.01	mg/L	U	N Y U	U						E179-04	20:07
				ACETONE	.01	mg/L	U	N Y U	R		04A	05A			E179-04	20:07
				BENZENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				BROMOBENZENE	.001	mg/L	U	N Y U	U						E179-04	20:07
				BROMOCHLOROMETHANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				BROMODICHLOROMETHANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				BROMOFORM	.001	mg/L	U	N Y U	UJ		05B				E179-04	20:07
				BROMOMETHANE	.001	mg/L	U	N Y U	U						E179-04	20:07
				CARBON DISULFIDE	.001	mg/L	U	N Y U	U						E179-04	20:07
				CARBON TETRACHLORIDE	.001	mg/L	U	N Y U	UJ		05B				E179-04	20:07
				CHLOROBENZENE	.001	mg/L	U	N Y U	U						E179-04	20:07

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-08																		
YP3011	SW8260B	SW5030	N 0 1	CHLOROETHANE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				CHLOROFORM	.00038	mg/L	J	Y	Y	P	J		15				E179-04	20:07
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				E179-04	20:07
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						E179-04	20:07
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						E179-04	20:07
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				O-XYLENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				STYRENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				TOLUENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ		05B				E179-04	20:07
				TRICHLOROETHENE	.00065	mg/L	J	Y	Y	P	J		15				E179-04	20:07
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				E179-04	20:07
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						E179-04	20:07
10130Q-09																		
YP3008	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-09																		
YP3008	SW8260B	SW5030	N 0 1	1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						E202-02	09:53
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E202-02	09:53
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			E202-02	09:53
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				2-HEXANONE	.01	mg/L	U	N	Y	U	U						E202-02	09:53
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						E202-02	09:53
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			E202-02	09:53
				BENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				BROMOFORM	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						E202-02	09:53
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						E202-02	09:53
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-09																		
YP3008	SW8260B	SW5030	N 0 1	NAPHTHALENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				O-XYLENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				STYRENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				TOLUENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						E202-02	09:53
YP3014	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						E214-01	11:43
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E214-01	11:43
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			E214-01	11:43
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				2-HEXANONE	.01	mg/L	U	N	Y	U	U						E214-01	11:43
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						E214-01	11:43
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			E214-01	11:43

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-09																		
YP3014	SW8260B	SW5030	N 0 1	BENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				BROMOFORM	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						E214-01	11:43
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						E214-01	11:43
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				O-XYLENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				STYRENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				TOLUENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						E214-01	11:43
10130Q-10																		
YP3009	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-10																		
YP3009	SW8260B	SW5030	N 0 1	1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						E228-02	09:38
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						E228-02	09:38
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			E228-02	09:38
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				2-HEXANONE	.01	mg/L	U	N	Y	U	U						E228-02	09:38
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						E228-02	09:38
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			E228-02	09:38
				BENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				BROMOFORM	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				CHLOROFORM	.00051	mg/L	J	Y	Y	P	J		15				E228-02	09:38
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-10																		
YP3009	SW8260B	SW5030	N 0 1	DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				E228-02	09:38
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						E228-02	09:38
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						E228-02	09:38
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				O-XYLENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				STYRENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				TOLUENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						E228-02	09:38
YP3010	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y		U						E228-03	10:15
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-10																		
YP3010	SW8260B	SW5030	N 0 1	1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y		U						E228-03	10:15
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				2-BUTANONE	.01	mg/L	U	N	Y		R		04A	05A			E228-03	10:15
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				2-HEXANONE	.01	mg/L	U	N	Y		U						E228-03	10:15
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y		U						E228-03	10:15
				ACETONE	.01	mg/L	U	N	Y		R		04A	05A			E228-03	10:15
				BENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				BROMOBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				BROMOFORM	.001	mg/L	U	N	Y		U						E228-03	10:15
				BROMOMETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				CARBON DISULFIDE	.001	mg/L	U	N	Y		U						E228-03	10:15
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y		U						E228-03	10:15
				CHLOROBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				CHLOROETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				CHLOROFORM	.00052	mg/L	J	Y	Y	P	J		15				E228-03	10:15
				CHLOROMETHANE	.0012	mg/L		Y	Y	P							E228-03	10:15
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				DIBROMOMETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y		UJ		05B				E228-03	10:15
				ETHYLBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				M/P-XYLENES	.002	mg/L	U	N	Y		U						E228-03	10:15
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y		U						E228-03	10:15
				N-BUTYLBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				N-PROPYLBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				NAPHTHALENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				O-XYLENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				STYRENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				TETRACHLOROETHENE	.001	mg/L	U	N	Y		U						E228-03	10:15

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-10																		
YP3010	SW8260B	SW5030	N 0 1	TOLUENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				TRICHLOROETHENE	.001	mg/L	U	N	Y		U						E228-03	10:15
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y		U						E228-03	10:15
				VINYL CHLORIDE	.001	mg/L	U	N	Y		U						E228-03	10:15
10130Q-11																		
YP3017	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-03	19:16
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-03	19:16
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-03	19:16
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-03	19:16
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-03	19:16
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						02J088-03	19:16
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		02J088-03	19:16
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		02J088-03	19:16
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	UJ		05B				02J088-03	19:16
				ACETONE	.01	mg/L	U	N	Y	U	UJ		05B				02J088-03	19:16
				BENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-03	19:16
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-03	19:16
				BROMOFORM	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-11																		
YP3017	SW8260B	SW5030	N 0 1	CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ	05B					02J088-03	19:16
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ	05B					02J088-03	19:16
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	UJ	05B					02J088-03	19:16
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						02J088-03	19:16
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						02J088-03	19:16
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				O-XYLENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				STYRENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				TOLUENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ	05B					02J088-03	19:16
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						02J088-03	19:16
YP3023	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	UJ	05B					02J088-04	19:53
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,1,2,2-TETRACHLOROETHANE	.0089	mg/L		Y	Y	P							02J088-04	19:53
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ	05B					02J088-04	19:53
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-11																		
YP3023	SW8260B	SW5030	N 0 1	1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						02J088-04	19:53
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		02J088-04	19:53
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		02J088-04	19:53
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				ACETONE	.01	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				BENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				BROMOFORM	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				CHLOROFORM	.00083	mg/L	J	Y	Y	P	J		15				02J088-04	19:53
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						02J088-04	19:53
				METHYLENE CHLORIDE	.00028	mg/L	J	Y	Y	F	B		06C	06D	15		02J088-04	19:53

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-11																		
YP3023	SW8260B	SW5030	N 0 1	N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				O-XYLENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				STYRENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				TOLUENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-04	19:53
				TRICHLOROETHENE	.0013	mg/L		Y	Y	P							02J088-04	19:53
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						02J088-04	19:53
YP3024	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						02J088-05	20:30
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		02J088-05	20:30
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		02J088-05	20:30
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-11																		
YP3024	SW8260B	SW5030	N 0 1	4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				ACETONE	.01	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				BENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				BROMOFORM	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						02J088-05	20:30
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						02J088-05	20:30
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				O-XYLENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				STYRENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				TOLUENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	UJ		05B				02J088-05	20:30
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						02J088-05	20:30
10130Q-12																		

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-12																
YP3018	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,1-DICHLOROETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,1-DICHLOROETHENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,1-DICHLOROPROPENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N Y	R		04A	05A			02J127-02	04:47
				1,2-DIBROMOETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,2-DICHLOROBENZENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,2-DICHLOROETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,2-DICHLOROPROPANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,3-DICHLOROBENZENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,3-DICHLOROPROPANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				1,4-DICHLOROBENZENE	.005	mg/L	U	N Y	U						02J127-02	04:47
				2,2-DICHLOROPROPANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				2-BUTANONE	.01	mg/L	U	N Y	R		04A	05A			02J127-02	04:47
				2-CHLOROTOLUENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				2-HEXANONE	.01	mg/L	U	N Y	R		04A	05A			02J127-02	04:47
				4-CHLOROTOLUENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				4-METHYL-2-PENTANONE	.01	mg/L	U	N Y	U						02J127-02	04:47
				ACETONE	.01	mg/L	U	N Y	R		04A	05A			02J127-02	04:47
				BENZENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				BROMOBENZENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				BROMOCHLOROMETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				BROMODICHLOROMETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				BROMOFORM	.001	mg/L	U	N Y	U						02J127-02	04:47
				BROMOMETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				CARBON DISULFIDE	.001	mg/L	U	N Y	U						02J127-02	04:47
				CARBON TETRACHLORIDE	.001	mg/L	U	N Y	U						02J127-02	04:47
				CHLOROBENZENE	.001	mg/L	U	N Y	U						02J127-02	04:47
				CHLOROETHANE	.001	mg/L	U	N Y	U						02J127-02	04:47
				CHLOROFORM	.001	mg/L	U	N Y	U						02J127-02	04:47
				CHLOROMETHANE	.001	mg/L	U	N Y	UJ		05B				02J127-02	04:47
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N Y	U						02J127-02	04:47

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-12																		
YP3018	SW8260B	SW5030	N 0 1	CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				DIBROMOMETHANE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y		UJ		05B				02J127-02	04:47
				ETHYLBENZENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y		UJ		05B				02J127-02	04:47
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				M/P-XYLENES	.002	mg/L	U	N	Y		U						02J127-02	04:47
				METHYLENE CHLORIDE	.0002	mg/L	J	Y	Y	F	B		06C	06D	15		02J127-02	04:47
				N-BUTYLBENZENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				N-PROPYLBENZENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				NAPHTHALENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				O-XYLENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				STYRENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				TETRACHLOROETHENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				TOLUENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				TRICHLOROETHENE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y		U						02J127-02	04:47
				VINYL CHLORIDE	.001	mg/L	U	N	Y		U						02J127-02	04:47
YP3021	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		04A	05A			02J127-03	05:23
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-12																		
YP3021	SW8260B	SW5030	N 0 1	1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						02J127-03	05:23
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J127-03	05:23
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J127-03	05:23
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						02J127-03	05:23
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J127-03	05:23
				BENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				BROMOFORM	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J127-03	05:23
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J127-03	05:23
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	UJ		05B				02J127-03	05:23
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						02J127-03	05:23
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						02J127-03	05:23
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				O-XYLENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				STYRENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-12																		
YP3021	SW8260B	SW5030	N 0 1	TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				TOLUENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						02J127-03	05:23
YP3022	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		04A	05A			02J145-03	06:36
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						02J145-03	06:36
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J145-03	06:36
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J145-03	06:36
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						02J145-03	06:36
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J145-03	06:36
				BENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				BROMOFORM	.001	mg/L	U	N	Y	U	U						02J145-03	06:36

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-12																		
YP3022	SW8260B	SW5030	N 0 1	BROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				CHLOROFORM	.0004	mg/L	J	Y	Y	P	J		15				02J145-03	06:36
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J145-03	06:36
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J145-03	06:36
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	UJ		05B				02J145-03	06:36
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						02J145-03	06:36
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						02J145-03	06:36
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				O-XYLENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				STYRENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				TOLUENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						02J145-03	06:36
10130Q-13																		
YP3019	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-13																		
YP3019	SW8260B	SW5030	N 0 1	1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		04A	05A			02J177-01	19:51
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						02J177-01	19:51
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	UJ		05B				02J177-01	19:51
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J177-01	19:51
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J177-01	19:51
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						02J177-01	19:51
				ACETONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J177-01	19:51
				BENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				BROMOFORM	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	UJ		05B				02J177-01	19:51
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J177-01	19:51
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J177-01	19:51
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	UJ		05B				02J177-01	19:51
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-13																		
YP3019	SW8260B	SW5030	N 0 1	M/P-XYLENES	.002	mg/L	U	N	Y	U	U						02J177-01	19:51
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						02J177-01	19:51
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				O-XYLENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				STYRENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				TOLUENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						02J177-01	19:51
10130Q-14																		
YP3020	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,1,2,2-TETRACHLOROETHANE	.64	mg/L	E	Y	N	P	R		16				02J194-02	08:08
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	UJ		05B				02J194-02	08:08
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	UJ		05B				02J194-02	08:08
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						02J194-02	08:08
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J194-02	08:08

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-14																		
YP3020	SW8260B	SW5030	N 0 1	2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J194-02	08:08
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						02J194-02	08:08
				ACETONE	.01	mg/L	U	N	Y	U	U						02J194-02	08:08
				BENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				BROMOFORM	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				CHLOROFORM	.0012	mg/L		Y	Y	P							02J194-02	08:08
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						02J194-02	08:08
				METHYLENE CHLORIDE	.00022	mg/L	J	Y	Y	F	B		06D	15			02J194-02	08:08
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				NAPHTHALENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				O-XYLENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				STYRENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				TETRACHLOROETHENE	.0011	mg/L		Y	Y	P							02J194-02	08:08
				TOLUENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				TRICHLOROETHENE	.077	mg/L	E	Y	N	P	R		16				02J194-02	08:08

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-14																		
YP3020	SW8260B	SW5030	N 0 1	TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						02J194-02	08:08
	SW8260B	SW5030	N 1 50	1,1,1,2-TETRACHLOROETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,1,1-TRICHLOROETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,1,2,2-TETRACHLOROETHANE	.75	mg/L		Y	Y	P							02J194-02T	01:03
				1,1,2-TRICHLOROETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,1-DICHLOROETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,1-DICHLOROETHENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,1-DICHLOROPROPENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,2,3-TRICHLOROBENZENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,2,3-TRICHLOROPROPANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,2,4-TRICHLOROBENZENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,2,4-TRIMETHYLBENZENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,2-DIBROMO-3-CHLOROPROPANE	.1	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,2-DIBROMOETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,2-DICHLOROBENZENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,2-DICHLOROETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,2-DICHLOROPROPANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,3,5-TRIMETHYLBENZENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,3-DICHLOROBENZENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,3-DICHLOROPROPANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				1,4-DICHLOROBENZENE	.25	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				2,2-DICHLOROPROPANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				2-BUTANONE	.5	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				2-CHLOROTOLUENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				2-HEXANONE	.5	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				4-CHLOROTOLUENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				4-METHYL-2-PENTANONE	.5	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				ACETONE	.5	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				BENZENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				BROMOBENZENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				BROMOCHLOROMETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				BROMODICHLOROMETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				BROMOFORM	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				BROMOMETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				CARBON DISULFIDE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				CARBON TETRACHLORIDE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				CHLOROBENZENE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				CHLOROETHANE	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03
				CHLOROFORM	.05	mg/L	U	N	N	U	R	16					02J194-02T	01:03

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-14																		
YP3020	SW8260B	SW5030	N 1 50	CHLOROMETHANE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				CIS-1,2-DICHLOROETHENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				CIS-1,3-DICHLOROPROPENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				DIBROMOCHLOROMETHANE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				DIBROMOMETHANE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				DICHLORODIFLUOROMETHANE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				ETHYLBENZENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				HEXACHLOROBUTADIENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				ISOPROPYL BENZENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				M/P-XYLENES	.1	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				METHYLENE CHLORIDE	.1	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				N-BUTYLBENZENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				N-PROPYLBENZENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				NAPHTHALENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				O-XYLENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				P-ISOPROPYLTOLUENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				SEC-BUTYLBENZENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				STYRENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				TERT-BUTYLBENZENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				TETRACHLOROETHENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				TOLUENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				TRANS-1,2-DICHLOROETHENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				TRANS-1,3-DICHLOROPROPENE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				TRICHLOROETHENE	.083	mg/L		Y	Y	P							02J194-02T	01:03
				TRICHLOROFLUOROMETHANE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
				VINYL CHLORIDE	.05	mg/L	U	N	N	U	R		16				02J194-02T	01:03
10130Q-15																		
YP3015	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,1,2,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		04A	05A			02J213-01	22:31
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-15																		
YP3015	SW8260B	SW5030	N 0 1	1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J213-01	22:31
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						02J213-01	22:31
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		02J213-01	22:31
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J213-01	22:31
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						02J213-01	22:31
				ACETONE	.0089	mg/L	J	Y	Y	P	J		04A	05A	05B		02J213-01	22:31
				BENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				BROMOFORM	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				CHLOROFORM	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J213-01	22:31
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	UJ		05B				02J213-01	22:31
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						02J213-01	22:31
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						02J213-01	22:31
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				NAPHTHALENE	.001	mg/L	U	N	Y	U	UJ		05B				02J213-01	22:31
				O-XYLENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-15																		
YP3015	SW8260B	SW5030	N 0 1	P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				STYRENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				TOLUENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				TRICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						02J213-01	22:31
YP3025	SW8260B	SW5030	N 0 1	1,1,1,2-TETRACHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,1,1-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,1,2,2-TETRACHLOROETHANE	.011	mg/L		Y	Y	P							02J205-02	21:54
				1,1,2-TRICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,1-DICHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,1-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,1-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,2,3-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,2,3-TRICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,2,4-TRICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,2,4-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,2-DIBROMO-3-CHLOROPROPANE	.002	mg/L	U	N	Y	U	R		04A	05A			02J205-02	21:54
				1,2-DIBROMOETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,2-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,2-DICHLOROETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J205-02	21:54
				1,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,3,5-TRIMETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,3-DICHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,3-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				1,4-DICHLOROBENZENE	.005	mg/L	U	N	Y	U	U						02J205-02	21:54
				2,2-DICHLOROPROPANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				2-BUTANONE	.01	mg/L	U	N	Y	U	R		04A	05A	05B		02J205-02	21:54
				2-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				2-HEXANONE	.01	mg/L	U	N	Y	U	R		04A	05A			02J205-02	21:54
				4-CHLOROTOLUENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				4-METHYL-2-PENTANONE	.01	mg/L	U	N	Y	U	U						02J205-02	21:54
				ACETONE	.0077	mg/L	J	Y	Y	F	B		04A	05A	05B	06C	02J205-02	21:54
				BENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				BROMOBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54

Validation Qualifier Data Entry Verification

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q-15																		
YP3025	SW8260B	SW5030	N 0 1	BROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				BROMODICHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				BROMOFORM	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				BROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				CARBON DISULFIDE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				CARBON TETRACHLORIDE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				CHLOROBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				CHLOROETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				CHLOROFORM	.00024	mg/L	J	Y	Y	P	J		15				02J205-02	21:54
				CHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				CIS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				CIS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				DIBROMOCHLOROMETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				DIBROMOMETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				DICHLORODIFLUOROMETHANE	.001	mg/L	U	N	Y	U	UJ		05B				02J205-02	21:54
				ETHYLBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				HEXACHLOROBUTADIENE	.001	mg/L	U	N	Y	U	UJ		05B				02J205-02	21:54
				ISOPROPYL BENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				M/P-XYLENES	.002	mg/L	U	N	Y	U	U						02J205-02	21:54
				METHYLENE CHLORIDE	.002	mg/L	U	N	Y	U	U						02J205-02	21:54
				N-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				N-PROPYLBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				NAPHTHALENE	.001	mg/L	U	N	Y	U	UJ		05B				02J205-02	21:54
				O-XYLENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				P-ISOPROPYLTOLUENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				SEC-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				STYRENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				TERT-BUTYLBENZENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				TETRACHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				TOLUENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				TRANS-1,2-DICHLOROETHENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				TRANS-1,3-DICHLOROPROPENE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				TRICHLOROETHENE	.0017	mg/L		Y	Y	P							02J205-02	21:54
				TRICHLOROFLUOROMETHANE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
				VINYL CHLORIDE	.001	mg/L	U	N	Y	U	U						02J205-02	21:54
10130Q01																		
YP0001	SW6010B	SW3050	N 0 1	ALUMINUM	23100	mg/kg		Y	Y	P							J018-01	18:48
				ANTIMONY	11.4	mg/kg	U	N	Y	U	UJ		08A				J018-01	18:48
				ARSENIC	3.98	mg/kg		Y	Y	P							J018-01	12:14
				BARIUM	31.3	mg/kg		Y	Y	P							J018-01	18:48

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0001	SW6010B	SW3050	N 0 1	BERYLLIUM	.284	mg/kg	J	Y	Y	P	J		15				J018-01	18:48
				CADMIUM	.569	mg/kg	U	N	Y	U	U						J018-01	18:48
				CALCIUM	355	mg/kg		Y	Y	P							J018-01	18:48
				CHROMIUM	24.7	mg/kg		Y	Y	P							J018-01	18:48
				COBALT	1.64	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-01	18:48
				COPPER	7.77	mg/kg		Y	Y	P							J018-01	18:48
				IRON	17500	mg/kg		Y	Y	P							J018-01	18:48
				LEAD	8.78	mg/kg		Y	Y	P							J018-01	12:14
				MAGNESIUM	558	mg/kg		Y	Y	P							J018-01	18:48
				MANGANESE	33.6	mg/kg		Y	Y	P							J018-01	18:48
				NICKEL	11	mg/kg		Y	Y	P	J		13				J018-01	18:48
				POTASSIUM	590	mg/kg		Y	Y	F	B		06B				J018-01	18:48
				SELENIUM	.962	mg/kg	J	Y	Y	F	B		06B	15			J018-01	12:14
				SILVER	.83	mg/kg	J	Y	Y	F	B		06B	15			J018-01	18:48
				SODIUM	29.5	mg/kg	J	Y	Y	P	J		15				J018-01	18:48
				THALLIUM	2.28	mg/kg	U	N	Y	U	U						J018-01	12:14
				VANADIUM	29.4	mg/kg		Y	Y	P							J018-01	18:48
				ZINC	15.8	mg/kg		Y	Y	P	J		13				J018-01	18:48
	SW7471A	TOTAL	N 0 1	MERCURY	.074	mg/kg	J	Y	Y	P	J		15				J018-01	12:15
YP0002	SW6010B	SW3050	N 0 1	ALUMINUM	5600	mg/kg		Y	Y	P							J018-02	18:53
				ANTIMONY	11.4	mg/kg	U	N	Y	U	UJ		08A				J018-02	18:53
				ARSENIC	1.43	mg/kg		Y	Y	F	B		06B				J018-02	11:26
				BARIUM	11.8	mg/kg		Y	Y	P							J018-02	18:53
				BERYLLIUM	.0713	mg/kg	J	Y	Y	F	B		06B	15			J018-02	18:53
				CADMIUM	.568	mg/kg	U	N	Y	U	U						J018-02	18:53
				CALCIUM	30.7	mg/kg	J	Y	Y	P	J		15				J018-02	18:53
				CHROMIUM	11.4	mg/kg		Y	Y	P							J018-02	18:53
				COBALT	1.39	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-02	18:53
				COPPER	1.82	mg/kg	J	Y	Y	P	J		15				J018-02	18:53
				IRON	3960	mg/kg		Y	Y	P							J018-02	18:53
				LEAD	3.66	mg/kg		Y	Y	P							J018-02	11:26
				MAGNESIUM	123	mg/kg		Y	Y	P							J018-02	18:53
				MANGANESE	8.79	mg/kg		Y	Y	P							J018-02	18:53
				NICKEL	6.21	mg/kg		Y	Y	P	J		13				J018-02	18:53
				POTASSIUM	219	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-02	18:53
				SELENIUM	.902	mg/kg	J	Y	Y	F	B		06B	15			J018-02	11:26
				SILVER	1.14	mg/kg	U	N	Y	U	U						J018-02	18:53
				SODIUM	26.5	mg/kg	J	Y	Y	P	J		15				J018-02	18:53
				THALLIUM	2.27	mg/kg	U	N	Y	U	U						J018-02	11:26
				VANADIUM	10.6	mg/kg		Y	Y	P							J018-02	18:53

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0002	SW6010B	SW3050	N 0 1	ZINC	2.9	mg/kg		Y	Y	P	J		13				J018-02	18:53
	SW7471A	TOTAL	N 0 1	MERCURY	.036	mg/kg	J	Y	Y	P	J		15				J018-02	12:27
YP0003	SW6010B	SW3050	N 0 1	ALUMINUM	10700	mg/kg		Y	Y	P							J018-03	18:57
				ANTIMONY	10.5	mg/kg	U	N	Y	U	UJ		08A				J018-03	18:57
				ARSENIC	1.89	mg/kg		Y	Y	P							J018-03	11:31
				BARIUM	95.3	mg/kg		Y	Y	P							J018-03	18:57
				BERYLLIUM	.436	mg/kg	J	Y	Y	P	J		15				J018-03	18:57
				CADMIUM	.524	mg/kg	U	N	Y	U	U						J018-03	18:57
				CALCIUM	871	mg/kg		Y	Y	P							J018-03	18:57
				CHROMIUM	13.1	mg/kg		Y	Y	P							J018-03	18:57
				COBALT	3.15	mg/kg		Y	Y	P							J018-03	18:57
				COPPER	4.78	mg/kg		Y	Y	P							J018-03	18:57
				IRON	7920	mg/kg		Y	Y	P							J018-03	18:57
				LEAD	10.5	mg/kg		Y	Y	P							J018-03	11:31
				MAGNESIUM	378	mg/kg		Y	Y	P							J018-03	18:57
				MANGANESE	133	mg/kg		Y	Y	P							J018-03	18:57
				NICKEL	9.12	mg/kg		Y	Y	P	J		13				J018-03	18:57
				POTASSIUM	379	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-03	18:57
				SELENIUM	.559	mg/kg	J	Y	Y	F	B		06B	15			J018-03	11:31
				SILVER	1.05	mg/kg	U	N	Y	U	U						J018-03	18:57
				SODIUM	40.7	mg/kg	J	Y	Y	P	J		15				J018-03	18:57
				THALLIUM	2.09	mg/kg	U	N	Y	U	U						J018-03	11:31
				VANADIUM	13.5	mg/kg		Y	Y	P							J018-03	18:57
				ZINC	16.4	mg/kg		Y	Y	P	J		13				J018-03	18:57
	SW7471A	TOTAL	N 0 1	MERCURY	.024	mg/kg	J	Y	Y	P	J		15				J018-03	12:29
YP0004	SW6010B	SW3050	N 0 1	ALUMINUM	12400	mg/kg		Y	Y	P							J018-04	19:02
				ANTIMONY	10.5	mg/kg	U	N	Y	U	UJ		08A				J018-04	19:02
				ARSENIC	3.79	mg/kg		Y	Y	P							J018-04	11:36
				BARIUM	378	mg/kg		Y	Y	P							J018-04	19:02
				BERYLLIUM	.552	mg/kg	J	Y	Y	P	J		15				J018-04	19:02
				CADMIUM	.524	mg/kg	U	N	Y	U	U						J018-04	19:02
				CALCIUM	190	mg/kg		Y	Y	P							J018-04	19:02
				CHROMIUM	17.1	mg/kg		Y	Y	P							J018-04	19:02
				COBALT	5.11	mg/kg		Y	Y	P							J018-04	19:02
				COPPER	6.49	mg/kg		Y	Y	P							J018-04	19:02
				IRON	21200	mg/kg		Y	Y	P							J018-04	19:02
				LEAD	11.1	mg/kg		Y	Y	P							J018-04	11:36
				MAGNESIUM	367	mg/kg		Y	Y	P							J018-04	19:02
				MANGANESE	860	mg/kg		Y	Y	P							J018-04	19:02
				NICKEL	10.6	mg/kg		Y	Y	P	J		13				J018-04	19:02

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Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0004	SW6010B	SW3050	N 0 1	POTASSIUM	434	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-04	19:02
				SELENIUM	1.17	mg/kg		Y	Y	F	B		06B				J018-04	11:36
				SILVER	.815	mg/kg	J	Y	Y	F	B		06B	15			J018-04	19:02
				SODIUM	27.2	mg/kg	J	Y	Y	P	J		15				J018-04	19:02
				THALLIUM	2.1	mg/kg	U	N	Y	U	U						J018-04	11:36
				VANADIUM	24.2	mg/kg		Y	Y	P							J018-04	19:02
				ZINC	13.3	mg/kg		Y	Y	P	J		13				J018-04	19:02
	SW7471A	TOTAL	N 0 1	MERCURY	.105	mg/kg	U	N	Y	U	U						J018-04	12:35
YP0005	SW6010B	SW3050	N 0 1	ALUMINUM	12000	mg/kg		Y	Y	P							J018-05	19:21
				ANTIMONY	10.5	mg/kg	U	N	Y	U	UJ		08A				J018-05	19:21
				ARSENIC	2.96	mg/kg		Y	Y	P							J018-05	11:41
				BARIUM	64.8	mg/kg		Y	Y	P							J018-05	19:21
				BERYLLIUM	.387	mg/kg	J	Y	Y	F	B		06B	15			J018-05	19:21
				CADMIUM	.524	mg/kg	U	N	Y	U	U						J018-05	19:21
				CALCIUM	233	mg/kg		Y	Y	P							J018-05	19:21
				CHROMIUM	12.1	mg/kg		Y	Y	P							J018-05	19:21
				COBALT	3.66	mg/kg		Y	Y	F	B		06B				J018-05	19:21
				COPPER	4.56	mg/kg		Y	Y	P							J018-05	19:21
				IRON	8580	mg/kg		Y	Y	P							J018-05	19:21
				LEAD	8.61	mg/kg		Y	Y	P							J018-05	11:41
				MAGNESIUM	450	mg/kg		Y	Y	P							J018-05	19:21
				MANGANESE	104	mg/kg		Y	Y	P							J018-05	19:21
				NICKEL	8.82	mg/kg		Y	Y	P	J		13				J018-05	19:21
				POTASSIUM	342	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-05	19:21
				SELENIUM	1.05	mg/kg	U	N	Y	U	U						J018-05	11:41
				SILVER	.488	mg/kg	J	Y	Y	F	B		06B	15			J018-05	19:21
				SODIUM	27.2	mg/kg	J	Y	Y	P	J		15				J018-05	19:21
				THALLIUM	2.1	mg/kg	U	N	Y	U	U						J018-05	11:41
				VANADIUM	16.2	mg/kg		Y	Y	P							J018-05	19:21
				ZINC	69.4	mg/kg		Y	Y	P	J		13				J018-05	19:21
	SW7471A	TOTAL	N 0 1	MERCURY	.105	mg/kg	U	N	Y	U	U						J018-05	12:38
YP0006	SW6010B	SW3050	N 0 1	ALUMINUM	7400	mg/kg		Y	Y	P							J018-06	19:26
				ANTIMONY	11	mg/kg	U	N	Y	U	UJ		08A				J018-06	19:26
				ARSENIC	1.74	mg/kg		Y	Y	P							J018-06	12:19
				BARIUM	17.9	mg/kg		Y	Y	P							J018-06	19:26
				BERYLLIUM	.133	mg/kg	J	Y	Y	F	B		06B	15			J018-06	19:26
				CADMIUM	.551	mg/kg	U	N	Y	U	U						J018-06	19:26
				CALCIUM	115	mg/kg		Y	Y	P							J018-06	19:26
				CHROMIUM	13.6	mg/kg		Y	Y	P							J018-06	19:26
				COBALT	1.11	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-06	19:26

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0006	SW6010B	SW3050	N 0 1	COPPER	3.42	mg/kg		Y	Y	P							J018-06	19:26
				IRON	8330	mg/kg		Y	Y	P							J018-06	19:26
				LEAD	4.8	mg/kg		Y	Y	P							J018-06	12:19
				MAGNESIUM	257	mg/kg		Y	Y	P							J018-06	19:26
				MANGANESE	62.7	mg/kg		Y	Y	P							J018-06	19:26
				NICKEL	6.57	mg/kg		Y	Y	P	J		13				J018-06	19:26
				POTASSIUM	381	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-06	19:26
				SELENIUM	1.1	mg/kg	U	N	Y	U	U						J018-06	12:19
				SILVER	.475	mg/kg	J	Y	Y	F	B		06B	15			J018-06	19:26
				SODIUM	41.4	mg/kg	J	Y	Y	P	J		15				J018-06	19:26
				THALLIUM	2.2	mg/kg	U	N	Y	U	U						J018-06	12:19
				VANADIUM	12.8	mg/kg		Y	Y	P							J018-06	19:26
				ZINC	21.2	mg/kg		Y	Y	P	J		13				J018-06	19:26
	SW7471A	TOTAL	N 0 1	MERCURY	.11	mg/kg	U	N	Y	U	U						J018-06	12:40
YP0007	SW6010B	SW3050	N 0 1	ALUMINUM	9280	mg/kg		Y	Y								J018-07	19:30
				ANTIMONY	11	mg/kg	U	N	Y		UJ		08A				J018-07	19:30
				ARSENIC	2.06	mg/kg		Y	Y								J018-07	12:24
				BARIUM	15.1	mg/kg		Y	Y								J018-07	19:30
				BERYLLIUM	.135	mg/kg	J	Y	Y		B		06B	15			J018-07	19:30
				CADMIUM	.551	mg/kg	U	N	Y		U						J018-07	19:30
				CALCIUM	80.7	mg/kg	J	Y	Y		J		15				J018-07	19:30
				CHROMIUM	14.6	mg/kg		Y	Y								J018-07	19:30
				COBALT	1.47	mg/kg	J	Y	Y		B		06A	06B	15		J018-07	19:30
				COPPER	3.81	mg/kg		Y	Y								J018-07	19:30
				IRON	10700	mg/kg		Y	Y								J018-07	19:30
				LEAD	4.29	mg/kg		Y	Y								J018-07	12:24
				MAGNESIUM	254	mg/kg		Y	Y								J018-07	19:30
				MANGANESE	46.6	mg/kg		Y	Y								J018-07	19:30
				NICKEL	7.45	mg/kg		Y	Y		J		13				J018-07	19:30
				POTASSIUM	247	mg/kg	J	Y	Y		B		06A	06B	15		J018-07	19:30
				SELENIUM	.664	mg/kg	J	Y	Y		B		06B	15			J018-07	12:24
				SILVER	.685	mg/kg	J	Y	Y		B		06B	15			J018-07	19:30
				SODIUM	28.6	mg/kg	J	Y	Y		J			15			J018-07	19:30
				THALLIUM	2.21	mg/kg	U	N	Y		U						J018-07	12:24
				VANADIUM	15.5	mg/kg		Y	Y								J018-07	19:30
				ZINC	15.8	mg/kg		Y	Y		J		13				J018-07	19:30
	SW7471A	TOTAL	N 0 1	MERCURY	.11	mg/kg	U	N	Y		U						J018-07	12:42
YP0009	SW6010B	SW3050	N 0 1	ALUMINUM	13200	mg/kg		Y	Y	P							J018-08	19:35
				ANTIMONY	10.5	mg/kg	U	N	Y	U	UJ		08A				J018-08	19:35
				ARSENIC	3.99	mg/kg		Y	Y	P							J018-08	12:29

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0009	SW6010B	SW3050	N 0 1	BARIUM	49	mg/kg		Y	Y	P							J018-08	19:35
				BERYLLIUM	.406	mg/kg	J	Y	Y	F	B		06B	15			J018-08	19:35
				CADMIUM	.526	mg/kg	U	N	Y	U	U						J018-08	19:35
				CALCIUM	135	mg/kg		Y	Y	P							J018-08	19:35
				CHROMIUM	23.1	mg/kg		Y	Y	P							J018-08	19:35
				COBALT	3.03	mg/kg		Y	Y	F	B		06B				J018-08	19:35
				COPPER	4.31	mg/kg		Y	Y	P							J018-08	19:35
				IRON	21300	mg/kg		Y	Y	P							J018-08	19:35
				LEAD	9.17	mg/kg		Y	Y	P							J018-08	12:29
				MAGNESIUM	381	mg/kg		Y	Y	P							J018-08	19:35
				MANGANESE	161	mg/kg		Y	Y	P							J018-08	19:35
				NICKEL	8.66	mg/kg		Y	Y	P	J		13				J018-08	19:35
				POTASSIUM	364	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-08	19:35
				SELENIUM	1.04	mg/kg	J	Y	Y	F	B		06B	15			J018-08	12:29
				SILVER	.995	mg/kg	J	Y	Y	F	B		06B	15			J018-08	19:35
				SODIUM	30	mg/kg	J	Y	Y	P	J		15				J018-08	19:35
				THALLIUM	2.1	mg/kg	U	N	Y	U	U						J018-08	12:29
				VANADIUM	28	mg/kg		Y	Y	P							J018-08	19:35
				ZINC	13.8	mg/kg		Y	Y	P	J		13				J018-08	19:35
	SW7471A	TOTAL	N 0 1	MERCURY	.024	mg/kg	J	Y	Y	P	J		15				J018-08	12:44
YP0010	SW6010B	SW3050	N 0 1	ALUMINUM	34100	mg/kg		Y	Y	P							J018-09	19:40
				ANTIMONY	11.3	mg/kg	U	N	Y	U	UJ		08A				J018-09	19:40
				ARSENIC	7.21	mg/kg		Y	Y	P							J018-09	12:33
				BARIUM	22.7	mg/kg		Y	Y	P							J018-09	19:40
				BERYLLIUM	.717	mg/kg	J	Y	Y	P	J		15				J018-09	19:40
				CADMIUM	.563	mg/kg	U	N	Y	U	U						J018-09	19:40
				CALCIUM	50	mg/kg	J	Y	Y	P	J		15				J018-09	19:40
				CHROMIUM	35	mg/kg		Y	Y	P							J018-09	19:40
				COBALT	2.04	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-09	19:40
				COPPER	10.8	mg/kg		Y	Y	P							J018-09	19:40
				IRON	40100	mg/kg		Y	Y	P							J018-09	19:40
				LEAD	9.89	mg/kg		Y	Y	P							J018-09	12:33
				MAGNESIUM	350	mg/kg		Y	Y	P							J018-09	19:40
				MANGANESE	35.3	mg/kg		Y	Y	P							J018-09	19:40
				NICKEL	10.1	mg/kg		Y	Y	P	J		13				J018-09	19:40
				POTASSIUM	441	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-09	19:40
				SELENIUM	1.77	mg/kg		Y	Y	F	B		06B				J018-09	12:33
				SILVER	1.33	mg/kg		Y	Y	F	B		06B				J018-09	19:40
				SODIUM	29.2	mg/kg	J	Y	Y	P	J		15				J018-09	19:40
				THALLIUM	.798	mg/kg	J	Y	Y	P	J		15				J018-09	12:33

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Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0010	SW6010B	SW3050	N 0 1	VANADIUM	55.1	mg/kg		Y	Y	P							J018-09	19:40
				ZINC	16.7	mg/kg		Y	Y	P	J		13				J018-09	19:40
	SW7471A	TOTAL	N 0 1	MERCURY	.061	mg/kg	J	Y	Y	P	J		15				J018-09	12:46
YP0011	SW6010B	SW3050	N 0 1	ALUMINUM	12200	mg/kg		Y	Y	P							J018-10	19:45
				ANTIMONY	10.5	mg/kg	U	N	Y	U	UJ		08A				J018-10	19:45
				ARSENIC	3.02	mg/kg		Y	Y	P							J018-10	12:41
				BARIUM	47.7	mg/kg		Y	Y	P							J018-10	19:45
				BERYLLIUM	.361	mg/kg	J	Y	Y	F	B		06B	15			J018-10	19:45
				CADMIUM	.526	mg/kg	U	N	Y	U	U						J018-10	19:45
				CALCIUM	308	mg/kg		Y	Y	P							J018-10	19:45
				CHROMIUM	25.2	mg/kg		Y	Y	P							J018-10	19:45
				COBALT	2.53	mg/kg		Y	Y	F	B		06B				J018-10	19:45
				COPPER	4.8	mg/kg		Y	Y	P							J018-10	19:45
				IRON	15200	mg/kg		Y	Y	P							J018-10	19:45
				LEAD	12.6	mg/kg		Y	Y	P							J018-10	12:41
				MAGNESIUM	480	mg/kg		Y	Y	P							J018-10	19:45
				MANGANESE	77.6	mg/kg		Y	Y	P							J018-10	19:45
				NICKEL	9.41	mg/kg		Y	Y	P	J		13				J018-10	19:45
				POTASSIUM	281	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-10	19:45
				SELENIUM	.793	mg/kg	J	Y	Y	F	B		06B	15			J018-10	12:41
				SILVER	.578	mg/kg	J	Y	Y	F	B		06B	15			J018-10	19:45
				SODIUM	23.2	mg/kg	J	Y	Y	P	J		15				J018-10	19:45
				THALLIUM	2.1	mg/kg	U	N	Y	U	U						J018-10	12:41
				VANADIUM	18.7	mg/kg		Y	Y	P							J018-10	19:45
				ZINC	69.3	mg/kg		Y	Y	P	J		13				J018-10	19:45
	SW7471A	TOTAL	N 0 1	MERCURY	.028	mg/kg	J	Y	Y	P	J		15				J018-10	12:48
YP0012	SW6010B	SW3050	N 0 1	ALUMINUM	6240	mg/kg		Y	Y	P							J018-11	19:49
				ANTIMONY	11.8	mg/kg	U	N	Y	U	UJ		08A				J018-11	19:49
				ARSENIC	2.66	mg/kg		Y	Y	P							J018-11	12:47
				BARIUM	19.7	mg/kg		Y	Y	P							J018-11	19:49
				BERYLLIUM	.432	mg/kg	J	Y	Y	F	B		06B	15			J018-11	19:49
				CADMIUM	.588	mg/kg	U	N	Y	U	U						J018-11	19:49
				CALCIUM	55.6	mg/kg	J	Y	Y	P	J		15				J018-11	19:49
				CHROMIUM	14	mg/kg		Y	Y	P							J018-11	19:49
				COBALT	1.14	mg/kg	J	Y	Y	F	B		06A	06B	15		J018-11	19:49
				COPPER	4.71	mg/kg		Y	Y	P							J018-11	19:49
				IRON	12600	mg/kg		Y	Y	P							J018-11	19:49
				LEAD	3.67	mg/kg		Y	Y	P							J018-11	12:47
				MAGNESIUM	258	mg/kg		Y	Y	P							J018-11	19:49
				MANGANESE	3.7	mg/kg		Y	Y	P							J018-11	19:49

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Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																				
YP0012	SW6010B	SW3050	N	0	1	NICKEL	7.75	mg/kg		Y	Y	P	J		13				J018-11	19:49
						POTASSIUM	3320	mg/kg		Y	Y	P							J018-11	19:49
						SELENIUM	1.18	mg/kg	U	N	Y	U	U						J018-11	12:47
						SILVER	1.18	mg/kg	U	N	Y	U	U						J018-11	19:49
						SODIUM	50.3	mg/kg	J	Y	Y	P	J		15				J018-11	19:49
						THALLIUM	2.35	mg/kg	U	N	Y	U	U						J018-11	12:47
						VANADIUM	15.8	mg/kg		Y	Y	P							J018-11	19:49
						ZINC	10.1	mg/kg		Y	Y	P	J		13				J018-11	19:49
	SW7471A	TOTAL	N	0	1	MERCURY	.118	mg/kg	U	N	Y	U	U						J018-11	12:51
YP0001	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						HMX	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						RDX	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
						TETRYL	.4	mg/kg	U	N	Y	U	U						J018-01	04:22
YP0002	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						HMX	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						RDX	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
						TETRYL	.4	mg/kg	U	N	Y	U	U						J018-02	06:55
YP0003	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-03	07:34

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Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																				
YP0003	SW8330	METHOD	N	0	1	2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						HMX	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						RDX	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
						TETRYL	.4	mg/kg	U	N	Y	U	U						J018-03	07:34
YP0004	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						HMX	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						RDX	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
						TETRYL	.4	mg/kg	U	N	Y	U	U						J018-04	09:25
YP0005	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						HMX	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						RDX	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
						TETRYL	.4	mg/kg	U	N	Y	U	U						J018-05	10:04
YP0006	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-06	10:43

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																				
YP0006	SW8330	METHOD	N	0	1	1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						HMX	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						RDX	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
						TETRYL	.4	mg/kg	U	N	Y	U	U						J018-06	10:43
YP0007	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y		U						J018-07	11:21
						1,3-DNB	.4	mg/kg	U	N	Y		U						J018-07	11:21
						2,4,6-TNT	.4	mg/kg	U	N	Y		U						J018-07	11:21
						2,4-DNT	.4	mg/kg	U	N	Y		U						J018-07	11:21
						2,6-DNT	.4	mg/kg	U	N	Y		U						J018-07	11:21
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y		U						J018-07	11:21
						2-NITROTOLUENE	.4	mg/kg	U	N	Y		U						J018-07	11:21
						3-NITROTOLUENE	.4	mg/kg	U	N	Y		U						J018-07	11:21
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y		U						J018-07	11:21
						4-NITROTOLUENE	.4	mg/kg	U	N	Y		U						J018-07	11:21
						HMX	.4	mg/kg	U	N	Y		U						J018-07	11:21
						NITROBENZENE	.4	mg/kg	U	N	Y		U						J018-07	11:21
						RDX	.4	mg/kg	U	N	Y		U						J018-07	11:21
						TETRYL	.4	mg/kg	U	N	Y		U						J018-07	11:21
YP0009	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						HMX	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
						RDX	.4	mg/kg	U	N	Y	U	U						J018-08	12:00

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																				
YP0009	SW8330	METHOD	N	0	1	TETRYL	.4	mg/kg	U	N	Y	U	U						J018-08	12:00
YP0010	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						HMX	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						RDX	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
						TETRYL	.4	mg/kg	U	N	Y	U	U						J018-09	12:38
YP0011	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						HMX	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						RDX	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
						TETRYL	.4	mg/kg	U	N	Y	U	U						J018-10	13:17
YP0012	SW8330	METHOD	N	0	1	1,3,5-TNB	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						1,3-DNB	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						2,4,6-TNT	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						2,4-DNT	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						2-AM-4,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						2-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						3-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						4-AM-2,6-DNT	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						4-NITROTOLUENE	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						HMX	.4	mg/kg	U	N	Y	U	U						J018-11	13:55

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																				
YP0012	SW8330	METHOD	N	0	1	NITROBENZENE	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						RDX	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
						TETRYL	.4	mg/kg	U	N	Y	U	U						J018-11	13:55
YP0001	SW8270C	SW3550	N	0	1	1,2,4-TRICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						1,2-DICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						1,3-DICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						1,4-DICHLOROBENZENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2,4,5-TRICHLOROPHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2,4,6-TRICHLOROPHENOL	.95	mg/kg	U	N	Y	U	U						J018-01	19:38
						2,4-DICHLOROPHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2,4-DIMETHYLPHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2,4-DINITROPHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2,4-DINITROTOLUENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2,6-DINITROTOLUENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2-CHLORONAPHTHALENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2-CHLOROPHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2-METHYLNAPHTHALENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2-METHYLPHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						2-NITROANILINE	.95	mg/kg	U	N	Y	U	U						J018-01	19:38
						2-NITROPHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						3,3'-DICHLOROBENZIDINE	.95	mg/kg	U	N	Y	U	U						J018-01	19:38
						3-NITROANILINE	.95	mg/kg	U	N	Y	U	U						J018-01	19:38
						4,6-DINITRO-2-METHYLPHENOL	.95	mg/kg	U	N	Y	U	U						J018-01	19:38
						4-BROMOPHENYL-PHENYL ETHER	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						4-CHLORO-3-METHYLPHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						4-CHLOROANILINE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						4-CHLOROPHENYL-PHENYL ETHER	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						4-METHYLPHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						4-NITROANILINE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						4-NITROPHENOL	.95	mg/kg	U	N	Y	U	U						J018-01	19:38
						ACENAPHTHENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						ACENAPHTHYLENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						ANTHRACENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						BENZO(A)ANTHRACENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						BENZO(A)PYRENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						BENZO(B)FLUORANTHENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						BENZO(G,H,I)PERYLENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						BENZO(K)FLUORANTHENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						BIS(2-CHLOROETHOXY)METHANE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
						BIS(2-CHLOROETHYL)ETHER	.38	mg/kg	U	N	Y	U	U						J018-01	19:38

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0001	SW8270C	SW3550	N 0 1	BIS(2-CHLOROISOPROPYL)ETHER	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				BIS(2-ETHYLHEXYL)PHTHALATE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				BUTYLBENZYLPHTHALATE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				CARBAZOLE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				CHRYSENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				DI-N-BUTYLPHTHALATE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				DI-N-OCTYLPHTHALATE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				DIBENZO(A,H)ANTHRACENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				DIBENZOFURAN	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				DIETHYLPHTHALATE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				DIMETHYLPHTHALATE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				FLUORANTHENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				FLUORENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				HEXACHLOROBENZENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				HEXACHLOROBUTADIENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				HEXACHLOROCYCLOPENTADIENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				HEXACHLOROETHANE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				INDENO(1,2,3-CD)PYRENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				ISOPHORONE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				N-NITROSO-DI-N-PROPYLAMINE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				N-NITROSODIPHENYLAMINE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				NAPHTHALENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				NITROBENZENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				PENTACHLOROPHENOL	.95	mg/kg	U	N	Y	U	U						J018-01	19:38
				PHENANTHRENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				PHENOL	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
				PYRENE	.38	mg/kg	U	N	Y	U	U						J018-01	19:38
YP0002	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				1,2-DICHLOROBENZENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				1,3-DICHLOROBENZENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				1,4-DICHLOROBENZENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2,4,5-TRICHLOROPHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2,4,6-TRICHLOROPHENOL	.94	mg/kg	U	N	Y	U	U						J018-02	21:19
				2,4-DICHLOROPHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2,4-DIMETHYLPHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2,4-DINITROPHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2,4-DINITROTOLUENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2,6-DINITROTOLUENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2-CHLORONAPHTHALENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2-CHLOROPHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0002	SW8270C	SW3550	N 0 1	2-METHYLNAPHTHALENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				2-NITROANILINE	.94	mg/kg	U	N	Y	U	U						J018-02	21:19
				2-NITROPHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				3,3'-DICHLOROBENZIDINE	.94	mg/kg	U	N	Y	U	U						J018-02	21:19
				3-NITROANILINE	.94	mg/kg	U	N	Y	U	U						J018-02	21:19
				4,6-DINITRO-2-METHYLPHENOL	.94	mg/kg	U	N	Y	U	U						J018-02	21:19
				4-BROMOPHENYL-PHENYL ETHER	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				4-CHLORO-3-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				4-CHLOROANILINE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				4-CHLOROPHENYL-PHENYL ETHER	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				4-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				4-NITROANILINE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				4-NITROPHENOL	.94	mg/kg	U	N	Y	U	U						J018-02	21:19
				ACENAPHTHENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				ACENAPHTHYLENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				ANTHRACENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BENZO(A)ANTHRACENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BENZO(A)PYRENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BENZO(B)FLUORANTHENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BENZO(G,H,I)PERYLENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BENZO(K)FLUORANTHENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BIS(2-CHLOROETHOXY)METHANE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BIS(2-CHLOROETHYL)ETHER	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BIS(2-CHLOROISOPROPYL)ETHER	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BIS(2-ETHYLHEXYL)PHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				BUTYLBENZYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				CARBAZOLE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				CHRYSENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				DI-N-BUTYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				DI-N-OCTYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				DIBENZO(A,H)ANTHRACENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				DIBENZOFURAN	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				DIETHYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				DIMETHYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				FLUORANTHENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				FLUORENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				HEXACHLOROBENZENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				HEXACHLOROBUTADIENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				HEXACHLOROCYCLOPENTADIENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0002	SW8270C	SW3550	N 0 1	HEXACHLOROETHANE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				INDENO(1,2,3-CD)PYRENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				ISOPHORONE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				N-NITROSO-DI-N-PROPYLAMINE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				N-NITROSODIPHENYLAMINE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				NAPHTHALENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				NITROBENZENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				PENTACHLOROPHENOL	.94	mg/kg	U	N	Y	U	U						J018-02	21:19
				PHENANTHRENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				PHENOL	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
				PYRENE	.37	mg/kg	U	N	Y	U	U						J018-02	21:19
YP0003	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				1,2-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				1,3-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				1,4-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2,4,5-TRICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2,4,6-TRICHLOROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-03	21:53
				2,4-DICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2,4-DIMETHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2,4-DINITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2,4-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2,6-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2-CHLORONAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2-CHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2-METHYLNAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				2-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-03	21:53
				2-NITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				3,3'-DICHLOROBENZIDINE	.87	mg/kg	U	N	Y	U	U						J018-03	21:53
				3-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-03	21:53
				4,6-DINITRO-2-METHYLPHENOL	.87	mg/kg	U	N	Y	U	U						J018-03	21:53
				4-BROMOPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				4-CHLORO-3-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				4-CHLOROANILINE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				4-CHLOROPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				4-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				4-NITROANILINE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				4-NITROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-03	21:53
				ACENAPHTHENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				ACENAPHTHYLENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0003	SW8270C	SW3550	N 0 1	ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BENZO(A)ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BENZO(A)PYRENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BENZO(B)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BENZO(G,H,I)PERYLENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BENZO(K)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BIS(2-CHLOROETHOXY)METHANE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BIS(2-CHLOROETHYL)ETHER	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BIS(2-CHLOROISOPROPYL)ETHER	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BIS(2-ETHYLHEXYL)PHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				BUTYLBENZYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				CARBAZOLE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				CHRYSENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				DI-N-BUTYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				DI-N-OCTYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				DIBENZO(A,H)ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				DIBENZOFURAN	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				DIETHYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				DIMETHYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				FLUORENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				HEXACHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				HEXACHLOROBUTADIENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				HEXACHLOROCYCLOPENTADIENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				HEXACHLOROETHANE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				INDENO(1,2,3-CD)PYRENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				ISOPHORONE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				N-NITROSO-DI-N-PROPYLAMINE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				N-NITROSODIPHENYLAMINE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				NAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				NITROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				PENTACHLOROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-03	21:53
				PHENANTHRENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				PHENOL	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
				PYRENE	.35	mg/kg	U	N	Y	U	U						J018-03	21:53
YP0004	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				1,2-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				1,3-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				1,4-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2,4,5-TRICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0004	SW8270C	SW3550	N 0 1	2,4,6-TRICHLOROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-04	22:27
				2,4-DICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2,4-DIMETHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2,4-DINITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2,4-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2,6-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2-CHLORONAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2-CHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2-METHYLNAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				2-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-04	22:27
				2-NITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				3,3'-DICHLOROBENZIDINE	.87	mg/kg	U	N	Y	U	U						J018-04	22:27
				3-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-04	22:27
				4,6-DINITRO-2-METHYLPHENOL	.87	mg/kg	U	N	Y	U	U						J018-04	22:27
				4-BROMOPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				4-CHLORO-3-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				4-CHLOROANILINE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				4-CHLOROPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				4-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				4-NITROANILINE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				4-NITROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-04	22:27
				ACENAPHTHENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				ACENAPHTHYLENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BENZO(A)ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BENZO(A)PYRENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BENZO(B)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BENZO(G,H,I)PERYLENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BENZO(K)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BIS(2-CHLOROETHOXY)METHANE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BIS(2-CHLOROETHYL)ETHER	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BIS(2-CHLOROISOPROPYL)ETHER	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BIS(2-ETHYLHEXYL)PHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				BUTYLBENZYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				CARBAZOLE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				CHRYSENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				DI-N-BUTYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				DI-N-OCTYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				DIBENZO(A,H)ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0004	SW8270C	SW3550	N 0 1	DIBENZOFURAN	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				DIETHYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				DIMETHYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				FLUORENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				HEXACHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				HEXACHLOROBUTADIENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				HEXACHLOROCYCLOPENTADIENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				HEXACHLOROETHANE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				INDENO(1,2,3-CD)PYRENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				ISOPHORONE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				N-NITROSO-DI-N-PROPYLAMINE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				N-NITROSODIPHENYLAMINE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				NAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				NITROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				PENTACHLOROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-04	22:27
				PHENANTHRENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				PHENOL	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
				PYRENE	.35	mg/kg	U	N	Y	U	U						J018-04	22:27
YP0005	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				1,2-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				1,3-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				1,4-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2,4,5-TRICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2,4,6-TRICHLOROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-05	23:02
				2,4-DICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2,4-DIMETHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2,4-DINITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2,4-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2,6-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2-CHLORONAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2-CHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2-METHYLNAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				2-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-05	23:02
				2-NITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				3,3'-DICHLOROBENZIDINE	.87	mg/kg	U	N	Y	U	U						J018-05	23:02
				3-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-05	23:02
				4,6-DINITRO-2-METHYLPHENOL	.87	mg/kg	U	N	Y	U	U						J018-05	23:02
				4-BROMOPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-05	23:02

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0005	SW8270C	SW3550	N 0 1	4-CHLORO-3-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				4-CHLOROANILINE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				4-CHLOROPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				4-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				4-NITROANILINE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				4-NITROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-05	23:02
				ACENAPHTHENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				ACENAPHTHYLENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BENZO(A)ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BENZO(A)PYRENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BENZO(B)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BENZO(G,H,I)PERYLENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BENZO(K)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BIS(2-CHLOROETHOXY)METHANE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BIS(2-CHLOROETHYL)ETHER	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BIS(2-CHLOROISOPROPYL)ETHER	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BIS(2-ETHYLHEXYL)PHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				BUTYLBENZYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				CARBAZOLE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				CHRYSENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				DI-N-BUTYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				DI-N-OCTYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				DIBENZO(A,H)ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				DIBENZOFURAN	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				DIETHYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				DIMETHYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				FLUORENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				HEXACHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				HEXACHLOROBUTADIENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				HEXACHLOROCYCLOPENTADIENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				HEXACHLOROETHANE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				INDENO(1,2,3-CD)PYRENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				ISOPHORONE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				N-NITROSO-DI-N-PROPYLAMINE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				N-NITROSODIPHENYLAMINE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				NAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				NITROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				PENTACHLOROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-05	23:02

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0005	SW8270C	SW3550	N 0 1	PHENANTHRENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				PHENOL	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
				PYRENE	.35	mg/kg	U	N	Y	U	U						J018-05	23:02
YP0006	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				1,2-DICHLOROBENZENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				1,3-DICHLOROBENZENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				1,4-DICHLOROBENZENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2,4,5-TRICHLOROPHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2,4,6-TRICHLOROPHENOL	.91	mg/kg	U	N	Y	U	U						J018-06	23:36
				2,4-DICHLOROPHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2,4-DIMETHYLPHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2,4-DINITROPHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2,4-DINITROTOLUENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2,6-DINITROTOLUENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2-CHLORONAPHTHALENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2-CHLOROPHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2-METHYLNAPHTHALENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2-METHYLPHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				2-NITROANILINE	.91	mg/kg	U	N	Y	U	U						J018-06	23:36
				2-NITROPHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				3,3'-DICHLOROBENZIDINE	.91	mg/kg	U	N	Y	U	U						J018-06	23:36
				3-NITROANILINE	.91	mg/kg	U	N	Y	U	U						J018-06	23:36
				4,6-DINITRO-2-METHYLPHENOL	.91	mg/kg	U	N	Y	U	U						J018-06	23:36
				4-BROMOPHENYL-PHENYL ETHER	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				4-CHLORO-3-METHYLPHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				4-CHLOROANILINE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				4-CHLOROPHENYL-PHENYL ETHER	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				4-METHYLPHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				4-NITROANILINE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				4-NITROPHENOL	.91	mg/kg	U	N	Y	U	U						J018-06	23:36
				ACENAPHTHENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				ACENAPHTHYLENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				ANTHRACENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				BENZO(A)ANTHRACENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				BENZO(A)PYRENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				BENZO(B)FLUORANTHENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				BENZO(G,H,I)PERYLENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				BENZO(K)FLUORANTHENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				BIS(2-CHLOROETHOXY)METHANE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				BIS(2-CHLOROETHYL)ETHER	.36	mg/kg	U	N	Y	U	U						J018-06	23:36

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0006	SW8270C	SW3550	N 0 1	BIS(2-CHLOROISOPROPYL)ETHER	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				BIS(2-ETHYLHEXYL)PHTHALATE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				BUTYLBENZYLPHTHALATE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				CARBAZOLE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				CHRYSENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				DI-N-BUTYLPHTHALATE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				DI-N-OCTYLPHTHALATE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				DIBENZO(A,H)ANTHRACENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				DIBENZOFURAN	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				DIETHYLPHTHALATE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				DIMETHYLPHTHALATE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				FLUORANTHENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				FLUORENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				HEXACHLOROBENZENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				HEXACHLOROBUTADIENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				HEXACHLOROCYCLOPENTADIENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				HEXACHLOROETHANE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				INDENO(1,2,3-CD)PYRENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				ISOPHORONE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				N-NITROSO-DI-N-PROPYLAMINE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				N-NITROSODIPHENYLAMINE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				NAPHTHALENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				NITROBENZENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				PENTACHLOROPHENOL	.91	mg/kg	U	N	Y	U	U						J018-06	23:36
				PHENANTHRENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				PHENOL	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
				PYRENE	.36	mg/kg	U	N	Y	U	U						J018-06	23:36
YP0007	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				1,2-DICHLOROBENZENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				1,3-DICHLOROBENZENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				1,4-DICHLOROBENZENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				2,4,5-TRICHLOROPHENOL	.36	mg/kg	U	N	Y		U						J018-07	00:10
				2,4,6-TRICHLOROPHENOL	.92	mg/kg	U	N	Y		U						J018-07	00:10
				2,4-DICHLOROPHENOL	.36	mg/kg	U	N	Y		U						J018-07	00:10
				2,4-DIMETHYLPHENOL	.36	mg/kg	U	N	Y		U						J018-07	00:10
				2,4-DINITROPHENOL	.36	mg/kg	U	N	Y		U						J018-07	00:10
				2,4-DINITROTOLUENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				2,6-DINITROTOLUENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				2-CHLORONAPHTHALENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				2-CHLOROPHENOL	.36	mg/kg	U	N	Y		U						J018-07	00:10

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																
YP0007	SW8270C	SW3550	N 0 1	2-METHYLNAPHTHALENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				2-METHYLPHENOL	.36	mg/kg	U	N Y	U						J018-07	00:10
				2-NITROANILINE	.92	mg/kg	U	N Y	U						J018-07	00:10
				2-NITROPHENOL	.36	mg/kg	U	N Y	U						J018-07	00:10
				3,3'-DICHLOROBENZIDINE	.92	mg/kg	U	N Y	U						J018-07	00:10
				3-NITROANILINE	.92	mg/kg	U	N Y	U						J018-07	00:10
				4,6-DINITRO-2-METHYLPHENOL	.92	mg/kg	U	N Y	U						J018-07	00:10
				4-BROMOPHENYL-PHENYL ETHER	.36	mg/kg	U	N Y	U						J018-07	00:10
				4-CHLORO-3-METHYLPHENOL	.36	mg/kg	U	N Y	U						J018-07	00:10
				4-CHLOROANILINE	.36	mg/kg	U	N Y	U						J018-07	00:10
				4-CHLOROPHENYL-PHENYL ETHER	.36	mg/kg	U	N Y	U						J018-07	00:10
				4-METHYLPHENOL	.36	mg/kg	U	N Y	U						J018-07	00:10
				4-NITROANILINE	.36	mg/kg	U	N Y	U						J018-07	00:10
				4-NITROPHENOL	.92	mg/kg	U	N Y	U						J018-07	00:10
				ACENAPHTHENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				ACENAPHTHYLENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				ANTHRACENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				BENZO(A)ANTHRACENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				BENZO(A)PYRENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				BENZO(B)FLUORANTHENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				BENZO(G,H,I)PERYLENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				BENZO(K)FLUORANTHENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				BIS(2-CHLOROETHOXY)METHANE	.36	mg/kg	U	N Y	U						J018-07	00:10
				BIS(2-CHLOROETHYL)ETHER	.36	mg/kg	U	N Y	U						J018-07	00:10
				BIS(2-CHLOROISOPROPYL)ETHER	.36	mg/kg	U	N Y	U						J018-07	00:10
				BIS(2-ETHYLHEXYL)PHTHALATE	.36	mg/kg	U	N Y	U						J018-07	00:10
				BUTYLBENZYLPHTHALATE	.36	mg/kg	U	N Y	U						J018-07	00:10
				CARBAZOLE	.36	mg/kg	U	N Y	U						J018-07	00:10
				CHRYSENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				DI-N-BUTYLPHTHALATE	.36	mg/kg	U	N Y	U						J018-07	00:10
				DI-N-OCTYLPHTHALATE	.36	mg/kg	U	N Y	U						J018-07	00:10
				DIBENZO(A,H)ANTHRACENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				DIBENZOFURAN	.36	mg/kg	U	N Y	U						J018-07	00:10
				DIETHYLPHTHALATE	.36	mg/kg	U	N Y	U						J018-07	00:10
				DIMETHYLPHTHALATE	.36	mg/kg	U	N Y	U						J018-07	00:10
				FLUORANTHENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				FLUORENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				HEXACHLOROBENZENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				HEXACHLOROBUTADIENE	.36	mg/kg	U	N Y	U						J018-07	00:10
				HEXACHLOROCYCLOPENTADIENE	.36	mg/kg	U	N Y	U						J018-07	00:10

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0007	SW8270C	SW3550	N 0 1	HEXACHLOROETHANE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				INDENO(1,2,3-CD)PYRENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				ISOPHORONE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				N-NITROSO-DI-N-PROPYLAMINE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				N-NITROSODIPHENYLAMINE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				NAPHTHALENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				NITROBENZENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				PENTACHLOROPHENOL	.92	mg/kg	U	N	Y		U						J018-07	00:10
				PHENANTHRENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
				PHENOL	.36	mg/kg	U	N	Y		U						J018-07	00:10
				PYRENE	.36	mg/kg	U	N	Y		U						J018-07	00:10
YP0009	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				1,2-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				1,3-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				1,4-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2,4,5-TRICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2,4,6-TRICHLOROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-08	00:44
				2,4-DICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2,4-DIMETHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2,4-DINITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2,4-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2,6-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2-CHLORONAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2-CHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2-METHYLNAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				2-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-08	00:44
				2-NITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				3,3'-DICHLOROBENZIDINE	.87	mg/kg	U	N	Y	U	U						J018-08	00:44
				3-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-08	00:44
				4,6-DINITRO-2-METHYLPHENOL	.87	mg/kg	U	N	Y	U	U						J018-08	00:44
				4-BROMOPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				4-CHLORO-3-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				4-CHLOROANILINE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				4-CHLOROPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				4-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				4-NITROANILINE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				4-NITROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-08	00:44
				ACENAPHTHENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44
				ACENAPHTHYLENE	.35	mg/kg	U	N	Y	U	U						J018-08	00:44

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit Use BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																
YP0009	SW8270C	SW3550	N 0 1	ANTHRACENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BENZO(A)ANTHRACENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BENZO(A)PYRENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BENZO(B)FLUORANTHENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BENZO(G,H,I)PERYLENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BENZO(K)FLUORANTHENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BIS(2-CHLOROETHOXY)METHANE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BIS(2-CHLOROETHYL)ETHER	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BIS(2-CHLOROISOPROPYL)ETHER	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BIS(2-ETHYLHEXYL)PHTHALATE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				BUTYLBENZYLPHTHALATE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				CARBAZOLE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				CHRYSENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				DI-N-BUTYLPHTHALATE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				DI-N-OCTYLPHTHALATE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				DIBENZO(A,H)ANTHRACENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				DIBENZOFURAN	.35	mg/kg	U	N Y U	U						J018-08	00:44
				DIETHYLPHTHALATE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				DIMETHYLPHTHALATE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				FLUORANTHENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				FLUORENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				HEXACHLOROBENZENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				HEXACHLOROBUTADIENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				HEXACHLOROCYCLOPENTADIENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				HEXACHLOROETHANE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				INDENO(1,2,3-CD)PYRENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				ISOPHORONE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				N-NITROSO-DI-N-PROPYLAMINE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				N-NITROSODIPHENYLAMINE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				NAPHTHALENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				NITROBENZENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				PENTACHLOROPHENOL	.87	mg/kg	U	N Y U	U						J018-08	00:44
				PHENANTHRENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
				PHENOL	.35	mg/kg	U	N Y U	U						J018-08	00:44
				PYRENE	.35	mg/kg	U	N Y U	U						J018-08	00:44
YP0010	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.37	mg/kg	U	N Y U	U						J018-09	01:18
				1,2-DICHLOROBENZENE	.37	mg/kg	U	N Y U	U						J018-09	01:18
				1,3-DICHLOROBENZENE	.37	mg/kg	U	N Y U	U						J018-09	01:18
				1,4-DICHLOROBENZENE	.37	mg/kg	U	N Y U	U						J018-09	01:18
				2,4,5-TRICHLOROPHENOL	.37	mg/kg	U	N Y U	U						J018-09	01:18

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0010	SW8270C	SW3550	N 0 1	2,4,6-TRICHLOROPHENOL	.93	mg/kg	U	N	Y	U	U						J018-09	01:18
				2,4-DICHLOROPHENOL	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				2,4-DIMETHYLPHENOL	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				2,4-DINITROPHENOL	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				2,4-DINITROTOLUENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				2,6-DINITROTOLUENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				2-CHLORONAPHTHALENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				2-CHLOROPHENOL	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				2-METHYLNAPHTHALENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				2-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				2-NITROANILINE	.93	mg/kg	U	N	Y	U	U						J018-09	01:18
				2-NITROPHENOL	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				3,3'-DICHLOROBENZIDINE	.93	mg/kg	U	N	Y	U	U						J018-09	01:18
				3-NITROANILINE	.93	mg/kg	U	N	Y	U	U						J018-09	01:18
				4,6-DINITRO-2-METHYLPHENOL	.93	mg/kg	U	N	Y	U	U						J018-09	01:18
				4-BROMOPHENYL-PHENYL ETHER	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				4-CHLORO-3-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				4-CHLOROANILINE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				4-CHLOROPHENYL-PHENYL ETHER	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				4-METHYLPHENOL	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				4-NITROANILINE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				4-NITROPHENOL	.93	mg/kg	U	N	Y	U	U						J018-09	01:18
				ACENAPHTHENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				ACENAPHTHYLENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				ANTHRACENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BENZO(A)ANTHRACENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BENZO(A)PYRENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BENZO(B)FLUORANTHENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BENZO(G,H,I)PERYLENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BENZO(K)FLUORANTHENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BIS(2-CHLOROETHOXY)METHANE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BIS(2-CHLOROETHYL)ETHER	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BIS(2-CHLOROISOPROPYL)ETHER	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BIS(2-ETHYLHEXYL)PHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				BUTYLBENZYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				CARBAZOLE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				CHRYSENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				DI-N-BUTYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				DI-N-OCTYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				DIBENZO(A,H)ANTHRACENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0010	SW8270C	SW3550	N 0 1	DIBENZOFURAN	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				DIETHYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				DIMETHYLPHTHALATE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				FLUORANTHENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				FLUORENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				HEXACHLOROBENZENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				HEXACHLOROBUTADIENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				HEXACHLOROCYCLOPENTADIENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				HEXACHLOROETHANE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				INDENO(1,2,3-CD)PYRENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				ISOPHORONE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				N-NITROSO-DI-N-PROPYLAMINE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				N-NITROSODIPHENYLAMINE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				NAPHTHALENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				NITROBENZENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				PENTACHLOROPHENOL	.93	mg/kg	U	N	Y	U	U						J018-09	01:18
				PHENANTHRENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				PHENOL	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
				PYRENE	.37	mg/kg	U	N	Y	U	U						J018-09	01:18
YP0011	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				1,2-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				1,3-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				1,4-DICHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2,4,5-TRICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2,4,6-TRICHLOROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-10	01:53
				2,4-DICHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2,4-DIMETHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2,4-DINITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2,4-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2,6-DINITROTOLUENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2-CHLORONAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2-CHLOROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2-METHYLNAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				2-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-10	01:53
				2-NITROPHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				3,3'-DICHLOROBENZIDINE	.87	mg/kg	U	N	Y	U	U						J018-10	01:53
				3-NITROANILINE	.87	mg/kg	U	N	Y	U	U						J018-10	01:53
				4,6-DINITRO-2-METHYLPHENOL	.87	mg/kg	U	N	Y	U	U						J018-10	01:53
				4-BROMOPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-10	01:53

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0011	SW8270C	SW3550	N 0 1	4-CHLORO-3-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				4-CHLOROANILINE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				4-CHLOROPHENYL-PHENYL ETHER	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				4-METHYLPHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				4-NITROANILINE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				4-NITROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-10	01:53
				ACENAPHTHENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				ACENAPHTHYLENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BENZO(A)ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BENZO(A)PYRENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BENZO(B)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BENZO(G,H,I)PERYLENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BENZO(K)FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BIS(2-CHLOROETHOXY)METHANE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BIS(2-CHLOROETHYL)ETHER	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BIS(2-CHLOROISOPROPYL)ETHER	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BIS(2-ETHYLHEXYL)PHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				BUTYLBENZYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				CARBAZOLE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				CHRYSENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				DI-N-BUTYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				DI-N-OCTYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				DIBENZO(A,H)ANTHRACENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				DIBENZOFURAN	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				DIETHYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				DIMETHYLPHTHALATE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				FLUORANTHENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				FLUORENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				HEXACHLOROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				HEXACHLOROBUTADIENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				HEXACHLOROCYCLOPENTADIENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				HEXACHLOROETHANE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				INDENO(1,2,3-CD)PYRENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				ISOPHORONE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				N-NITROSO-DI-N-PROPYLAMINE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				N-NITROSODIPHENYLAMINE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				NAPHTHALENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				NITROBENZENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				PENTACHLOROPHENOL	.87	mg/kg	U	N	Y	U	U						J018-10	01:53

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0011	SW8270C	SW3550	N 0 1	PHENANTHRENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				PHENOL	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
				PYRENE	.35	mg/kg	U	N	Y	U	U						J018-10	01:53
YP0012	SW8270C	SW3550	N 0 1	1,2,4-TRICHLOROBENZENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				1,2-DICHLOROBENZENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				1,3-DICHLOROBENZENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				1,4-DICHLOROBENZENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2,4,5-TRICHLOROPHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2,4,6-TRICHLOROPHENOL	.98	mg/kg	U	N	Y	U	U						J018-11	02:27
				2,4-DICHLOROPHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2,4-DIMETHYLPHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2,4-DINITROPHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2,4-DINITROTOLUENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2,6-DINITROTOLUENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2-CHLORONAPHTHALENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2-CHLOROPHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2-METHYLNAPHTHALENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2-METHYLPHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				2-NITROANILINE	.98	mg/kg	U	N	Y	U	U						J018-11	02:27
				2-NITROPHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				3,3'-DICHLOROBENZIDINE	.98	mg/kg	U	N	Y	U	U						J018-11	02:27
				3-NITROANILINE	.98	mg/kg	U	N	Y	U	U						J018-11	02:27
				4,6-DINITRO-2-METHYLPHENOL	.98	mg/kg	U	N	Y	U	U						J018-11	02:27
				4-BROMOPHENYL-PHENYL ETHER	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				4-CHLORO-3-METHYLPHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				4-CHLOROANILINE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				4-CHLOROPHENYL-PHENYL ETHER	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				4-METHYLPHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				4-NITROANILINE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				4-NITROPHENOL	.98	mg/kg	U	N	Y	U	U						J018-11	02:27
				ACENAPHTHENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				ACENAPHTHYLENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				ANTHRACENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				BENZO(A)ANTHRACENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				BENZO(A)PYRENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				BENZO(B)FLUORANTHENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				BENZO(G,H,I)PERYLENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				BENZO(K)FLUORANTHENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				BIS(2-CHLOROETHOXY)METHANE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				BIS(2-CHLOROETHYL)ETHER	.39	mg/kg	U	N	Y	U	U						J018-11	02:27

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0012	SW8270C	SW3550	N 0 1	BIS(2-CHLOROISOPROPYL)ETHER	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				BIS(2-ETHYLHEXYL)PHTHALATE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				BUTYLBENZYLPHTHALATE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				CARBAZOLE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				CHRYSENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				DI-N-BUTYLPHTHALATE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				DI-N-OCTYLPHTHALATE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				DIBENZO(A,H)ANTHRACENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				DIBENZOFURAN	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				DIETHYLPHTHALATE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				DIMETHYLPHTHALATE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				FLUORANTHENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				FLUORENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				HEXACHLOROBENZENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				HEXACHLOROBUTADIENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				HEXACHLOROCYCLOPENTADIENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				HEXACHLOROETHANE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				INDENO(1,2,3-CD)PYRENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				ISOPHORONE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				N-NITROSO-DI-N-PROPYLAMINE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				N-NITROSODIPHENYLAMINE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				NAPHTHALENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				NITROBENZENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				PENTACHLOROPHENOL	.98	mg/kg	U	N	Y	U	U						J018-11	02:27
				PHENANTHRENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				PHENOL	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
				PYRENE	.39	mg/kg	U	N	Y	U	U						J018-11	02:27
YP0001	SW8260B	SW5035	N 0 0.86	1,1,1,2-TETRACHLOROETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,1,1-TRICHLOROETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,1,2,2-TETRACHLOROETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,1,2-TRICHLOROETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,1-DICHLOROETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,1-DICHLOROETHENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,1-DICHLOROPROPENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,2,3-TRICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,2,3-TRICHLOROPROPANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,2,4-TRICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,2,4-TRIMETHYLBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,2-DIBROMO-3-CHLOROPROPANE	.0098	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,2-DIBROMOETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0001	SW8260B	SW5035	N 0 0.86	1,2-DICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,2-DICHLOROETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,2-DICHLOROPROPANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,3,5-TRIMETHYLBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,3-DICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,3-DICHLOROPROPANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				1,4-DICHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				2,2-DICHLOROPROPANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				2-BUTANONE	.02	mg/kg	U	N	Y	U	U						J018-01	19:14
				2-CHLOROTOLUENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				2-HEXANONE	.02	mg/kg	U	N	Y	U	U						J018-01	19:14
				4-CHLOROTOLUENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				4-METHYL-2-PENTANONE	.0098	mg/kg	U	N	Y	U	U						J018-01	19:14
				ACETONE	.02	mg/kg	U	N	Y	U	R		04A	05A			J018-01	19:14
				BENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				BROMOBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				BROMOCHLOROMETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				BROMODICHLOROMETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				BROMOFORM	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				BROMOMETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				CARBON DISULFIDE	.0021	mg/kg	J	Y	Y	P	J		05B	15			J018-01	19:14
				CARBON TETRACHLORIDE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				CHLOROBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				CHLOROETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				CHLOROFORM	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				CHLOROMETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				CIS-1,2-DICHLOROETHENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				CIS-1,3-DICHLOROPROPENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				DIBROMOCHLOROMETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				DIBROMOMETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				DICHLORODIFLUOROMETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				ETHYLBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				HEXACHLOROBUTADIENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				ISOPROPYL BENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				M/P-XYLENES	.0098	mg/kg	U	N	Y	U	U						J018-01	19:14
				METHYLENE CHLORIDE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				N-BUTYLBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				N-PROPYLBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				NAPHTHALENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				O-XYLENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0001	SW8260B	SW5035	N 0 0.86	P-ISOPROPYLTOLUENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				SEC-BUTYLBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				STYRENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				TERT-BUTYLBENZENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				TETRACHLOROETHENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				TOLUENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				TRANS-1,2-DICHLOROETHENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				TRANS-1,3-DICHLOROPROPENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				TRICHLOROETHENE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				TRICHLOROFLUOROMETHANE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
				VINYL CHLORIDE	.0049	mg/kg	U	N	Y	U	U						J018-01	19:14
YP0002	SW8260B	SW5035	N 0 0.93	1,1,1,2-TETRACHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,1,1-TRICHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,1,2,2-TETRACHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,1,2-TRICHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,1-DICHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,1-DICHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,1-DICHLOROPROPENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,2,3-TRICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,2,3-TRICHLOROPROPANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,2,4-TRICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,2,4-TRIMETHYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,2-DIBROMO-3-CHLOROPROPANE	.011	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,2-DIBROMOETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,2-DICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,2-DICHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,2-DICHLOROPROPANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,3,5-TRIMETHYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,3-DICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,3-DICHLOROPROPANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				1,4-DICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				2,2-DICHLOROPROPANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				2-BUTANONE	.021	mg/kg	U	N	Y	U	U						J018-02	19:52
				2-CHLOROTOLUENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				2-HEXANONE	.021	mg/kg	U	N	Y	U	U						J018-02	19:52
				4-CHLOROTOLUENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				4-METHYL-2-PENTANONE	.011	mg/kg	U	N	Y	U	U						J018-02	19:52
				ACETONE	.021	mg/kg	U	N	Y	U	R		04A	05A			J018-02	19:52
				BENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				BROMOBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0002	SW8260B	SW5035	N 0 0.93	BROMOCHLOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				BROMODICHLOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				BROMOFORM	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				BROMOMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				CARBON DISULFIDE	.011	mg/kg		Y	Y	P	J		05B				J018-02	19:52
				CARBON TETRACHLORIDE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				CHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				CHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				CHLOROFORM	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				CHLOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				CIS-1,2-DICHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				CIS-1,3-DICHLOROPROPENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				DIBROMOCHLOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				DIBROMOMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				DICHLORODIFLUOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				ETHYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				HEXACHLOROBUTADIENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				ISOPROPYL BENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				M/P-XYLENES	.011	mg/kg	U	N	Y	U	U						J018-02	19:52
				METHYLENE CHLORIDE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				N-BUTYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				N-PROPYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				NAPHTHALENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				O-XYLENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				P-ISOPROPYLTOLUENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				SEC-BUTYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				STYRENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				TERT-BUTYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				TETRACHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				TOLUENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				TRANS-1,2-DICHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				TRANS-1,3-DICHLOROPROPENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				TRICHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				TRICHLOROFLUOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
				VINYL CHLORIDE	.0053	mg/kg	U	N	Y	U	U						J018-02	19:52
YP0003	SW8260B	SW5035	N 0 1.0	1,1,1,2-TETRACHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,1,1-TRICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,1,2,2-TETRACHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,1,2-TRICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,1-DICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0003	SW8260B	SW5035	N 0 1.0	1,1-DICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,1-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,2,3-TRICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,2,3-TRICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,2,4-TRICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,2,4-TRIMETHYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,2-DIBROMOETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,2-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,2-DICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,2-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,3,5-TRIMETHYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,3-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,3-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				1,4-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				2,2-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				2-BUTANONE	.021	mg/kg	U	N	Y	U	U						J018-03	20:29
				2-CHLOROTOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				2-HEXANONE	.021	mg/kg	U	N	Y	U	U						J018-03	20:29
				4-CHLOROTOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				4-METHYL-2-PENTANONE	.01	mg/kg	U	N	Y	U	U						J018-03	20:29
				ACETONE	.06	mg/kg		Y	Y	P	J		04A	05A			J018-03	20:29
				BENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				BROMOBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				BROMOCHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				BROMODICHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				BROMOFORM	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				BROMOMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				CARBON DISULFIDE	.0052	mg/kg	U	N	Y	U	UJ		05B				J018-03	20:29
				CARBON TETRACHLORIDE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				CHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				CHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				CHLOROFORM	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				CHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				CIS-1,2-DICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				CIS-1,3-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				DIBROMOCHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				DIBROMOMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				DICHLORODIFLUOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				ETHYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0003	SW8260B	SW5035	N 0 1.0	HEXACHLOROBUTADIENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				ISOPROPYL BENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				M/P-XYLENES	.01	mg/kg	U	N	Y	U	U						J018-03	20:29
				METHYLENE CHLORIDE	.0031	mg/kg	JB	Y	Y	F	B		06A	06C	15		J018-03	20:29
				N-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				N-PROPYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				NAPHTHALENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				O-XYLENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				P-ISOPROPYLTOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				SEC-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				STYRENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				TERT-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				TETRACHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				TOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				TRANS-1,2-DICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				TRANS-1,3-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				TRICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				TRICHLOROFLUOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
				VINYL CHLORIDE	.0052	mg/kg	U	N	Y	U	U						J018-03	20:29
YP0004	SW8260B	SW5035	N 0 0.84	1,1,1,2-TETRACHLOROETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,1,1-TRICHLOROETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,1,2,2-TETRACHLOROETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,1,2-TRICHLOROETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,1-DICHLOROETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,1-DICHLOROETHENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,1-DICHLOROPROPENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,2,3-TRICHLOROBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,2,3-TRICHLOROPROPANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,2,4-TRICHLOROBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,2,4-TRIMETHYLBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,2-DIBROMO-3-CHLOROPROPANE	.0088	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,2-DIBROMOETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,2-DICHLOROBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,2-DICHLOROETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,2-DICHLOROPROPANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,3,5-TRIMETHYLBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,3-DICHLOROBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,3-DICHLOROPROPANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				1,4-DICHLOROBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				2,2-DICHLOROPROPANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0004	SW8260B	SW5035	N 0 0.84	2-BUTANONE	.018	mg/kg	U	N	Y	U	U						J018-04	21:06
				2-CHLOROTOLUENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				2-HEXANONE	.018	mg/kg	U	N	Y	U	U						J018-04	21:06
				4-CHLOROTOLUENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				4-METHYL-2-PENTANONE	.0088	mg/kg	U	N	Y	U	U						J018-04	21:06
				ACETONE	.1	mg/kg		Y	Y	P	J		04A	05A			J018-04	21:06
				BENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				BROMOBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				BROMOCHLOROMETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				BROMODICHLOROMETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				BROMOFORM	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				BROMOMETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				CARBON DISULFIDE	.0044	mg/kg	U	N	Y	U	UJ		05B				J018-04	21:06
				CARBON TETRACHLORIDE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				CHLOROBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				CHLOROETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				CHLOROFORM	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				CHLOROMETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				CIS-1,2-DICHLOROETHENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				CIS-1,3-DICHLOROPROPENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				DIBROMOCHLOROMETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				DIBROMOMETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				DICHLORODIFLUOROMETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				ETHYLBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				HEXACHLOROBUTADIENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				ISOPROPYL BENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				M/P-XYLENES	.0088	mg/kg	U	N	Y	U	U						J018-04	21:06
				METHYLENE CHLORIDE	.0014	mg/kg	JB	Y	Y	F	B		06A	06C	15		J018-04	21:06
				N-BUTYLBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				N-PROPYLBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				NAPHTHALENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				O-XYLENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				P-ISOPROPYLTOLUENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				SEC-BUTYLBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				STYRENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				TERT-BUTYLBENZENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				TETRACHLOROETHENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				TOLUENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				TRANS-1,2-DICHLOROETHENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				TRANS-1,3-DICHLOROPROPENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0004	SW8260B	SW5035	N 0 0.84	TRICHLOROETHENE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				TRICHLOROFLUOROMETHANE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
				VINYL CHLORIDE	.0044	mg/kg	U	N	Y	U	U						J018-04	21:06
YP0005	SW8260B	SW5035	N 0 1.0	1,1,1,2-TETRACHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,1,1-TRICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,1,2,2-TETRACHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,1,2-TRICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,1-DICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,1-DICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,1-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,2,3-TRICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,2,3-TRICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,2,4-TRICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,2,4-TRIMETHYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,2-DIBROMOETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,2-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,2-DICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,2-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,3,5-TRIMETHYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,3-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,3-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				1,4-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				2,2-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				2-BUTANONE	.021	mg/kg	U	N	Y	U	U						J018-05	21:44
				2-CHLOROTOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				2-HEXANONE	.021	mg/kg	U	N	Y	U	U						J018-05	21:44
				4-CHLOROTOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				4-METHYL-2-PENTANONE	.01	mg/kg	U	N	Y	U	U						J018-05	21:44
				ACETONE	.049	mg/kg		Y	Y	P	J		04A	05A			J018-05	21:44
				BENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				BROMOBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				BROMOCHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				BROMODICHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				BROMOFORM	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				BROMOMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				CARBON DISULFIDE	.0052	mg/kg	U	N	Y	U	UJ		05B				J018-05	21:44
				CARBON TETRACHLORIDE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				CHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				CHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0005	SW8260B	SW5035	N 0 1.0	CHLOROFORM	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				CHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				CIS-1,2-DICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				CIS-1,3-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				DIBROMOCHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				DIBROMOMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				DICHLORODIFLUOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				ETHYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				HEXACHLOROBUTADIENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				ISOPROPYL BENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				M/P-XYLENES	.01	mg/kg	U	N	Y	U	U						J018-05	21:44
				METHYLENE CHLORIDE	.0028	mg/kg	JB	Y	Y	F	B		06A	06C	15		J018-05	21:44
				N-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				N-PROPYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				NAPHTHALENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				O-XYLENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				P-ISOPROPYLTOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				SEC-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				STYRENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				TERT-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				TETRACHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				TOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				TRANS-1,2-DICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				TRANS-1,3-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				TRICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				TRICHLOROFLUOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
				VINYL CHLORIDE	.0052	mg/kg	U	N	Y	U	U						J018-05	21:44
YP0006	SW8260B	SW5035	N 0 0.95	1,1,1,2-TETRACHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,1,1-TRICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,1,2,2-TETRACHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,1,2-TRICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,1-DICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,1-DICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,1-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,2,3-TRICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,2,3-TRICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,2,4-TRICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,2,4-TRIMETHYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,2-DIBROMOETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0006	SW8260B	SW5035	N 0 0.95	1,2-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,2-DICHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,2-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,3,5-TRIMETHYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,3-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,3-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				1,4-DICHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				2,2-DICHLOROPROPANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				2-BUTANONE	.021	mg/kg	U	N	Y	U	U						J018-06	22:22
				2-CHLOROTOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				2-HEXANONE	.021	mg/kg	U	N	Y	U	U						J018-06	22:22
				4-CHLOROTOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				4-METHYL-2-PENTANONE	.01	mg/kg	U	N	Y	U	U						J018-06	22:22
				ACETONE	.021	mg/kg	U	N	Y	U	R		04A	05A			J018-06	22:22
				BENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				BROMOBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				BROMOCHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				BROMODICHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				BROMOFORM	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				BROMOMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				CARBON DISULFIDE	.0038	mg/kg	J	Y	Y	P	J		05B	15			J018-06	22:22
				CARBON TETRACHLORIDE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				CHLOROBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				CHLOROETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				CHLOROFORM	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				CHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				CIS-1,2-DICHLOROETHENE	.0014	mg/kg	J	Y	Y	P	J		15				J018-06	22:22
				CIS-1,3-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				DIBROMOCHLOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				DIBROMOMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				DICHLORODIFLUOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				ETHYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				HEXACHLOROBUTADIENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				ISOPROPYL BENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				M/P-XYLENES	.01	mg/kg	U	N	Y	U	U						J018-06	22:22
				METHYLENE CHLORIDE	.0015	mg/kg	JB	Y	Y	F	B		06A	06C	15		J018-06	22:22
				N-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				N-PROPYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				NAPHTHALENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				O-XYLENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0006	SW8260B	SW5035	N 0 0.95	P-ISOPROPYLTOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				SEC-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				STYRENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				TERT-BUTYLBENZENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				TETRACHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				TOLUENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				TRANS-1,2-DICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				TRANS-1,3-DICHLOROPROPENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				TRICHLOROETHENE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				TRICHLOROFLUOROMETHANE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
				VINYL CHLORIDE	.0052	mg/kg	U	N	Y	U	U						J018-06	22:22
YP0007	SW8260B	SW5035	N 0 0.89	1,1,1,2-TETRACHLOROETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,1,1-TRICHLOROETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,1,2,2-TETRACHLOROETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,1,2-TRICHLOROETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,1-DICHLOROETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,1-DICHLOROETHENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,1-DICHLOROPROPENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,2,3-TRICHLOROBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,2,3-TRICHLOROPROPANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,2,4-TRICHLOROBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,2,4-TRIMETHYLBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,2-DIBROMO-3-CHLOROPROPANE	.0098	mg/kg	U	N	Y		U						J018-07	08:22
				1,2-DIBROMOETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,2-DICHLOROBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,2-DICHLOROETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,2-DICHLOROPROPANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,3,5-TRIMETHYLBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,3-DICHLOROBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,3-DICHLOROPROPANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				1,4-DICHLOROBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				2,2-DICHLOROPROPANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				2-BUTANONE	.02	mg/kg	U	N	Y		U						J018-07	08:22
				2-CHLOROTOLUENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				2-HEXANONE	.02	mg/kg	U	N	Y		U						J018-07	08:22
				4-CHLOROTOLUENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				4-METHYL-2-PENTANONE	.0098	mg/kg	U	N	Y		U						J018-07	08:22
				ACETONE	.014	mg/kg	J	Y	Y		J		04A	05A	15		J018-07	08:22
				BENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				BROMOBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0007	SW8260B	SW5035	N 0 0.89	BROMOCHLOROMETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				BROMODICHLOROMETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				BROMOFORM	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				BROMOMETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				CARBON DISULFIDE	.0053	mg/kg		Y	Y								J018-07	08:22
				CARBON TETRACHLORIDE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				CHLOROBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				CHLOROETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				CHLOROFORM	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				CHLOROMETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				CIS-1,2-DICHLOROETHENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				CIS-1,3-DICHLOROPROPENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				DIBROMOCHLOROMETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				DIBROMOMETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				DICHLORODIFLUOROMETHANE	.0049	mg/kg	U	N	Y		UJ		05B				J018-07	08:22
				ETHYLBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				HEXACHLOROBUTADIENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				ISOPROPYL BENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				M/P-XYLENES	.0098	mg/kg	U	N	Y		U						J018-07	08:22
				METHYLENE CHLORIDE	.002	mg/kg	J	Y	Y		B		06C	15			J018-07	08:22
				N-BUTYLBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				N-PROPYLBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				NAPHTHALENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				O-XYLENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				P-ISOPROPYLTOLUENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				SEC-BUTYLBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				STYRENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				TERT-BUTYLBENZENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				TETRACHLOROETHENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				TOLUENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				TRANS-1,2-DICHLOROETHENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				TRANS-1,3-DICHLOROPROPENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				TRICHLOROETHENE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				TRICHLOROFLUOROMETHANE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
				VINYL CHLORIDE	.0049	mg/kg	U	N	Y		U						J018-07	08:22
YP0009	SW8260B	SW5035	N 0 0.95	1,1,1,2-TETRACHLOROETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,1,1-TRICHLOROETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,1,2,2-TETRACHLOROETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,1,2-TRICHLOROETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,1-DICHLOROETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0009	SW8260B	SW5035	N 0 0.95	1,1-DICHLOROETHENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,1-DICHLOROPROPENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,2,3-TRICHLOROBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,2,3-TRICHLOROPROPANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,2,4-TRICHLOROBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,2,4-TRIMETHYLBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,2-DIBROMO-3-CHLOROPROPANE	.01	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,2-DIBROMOETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,2-DICHLOROBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,2-DICHLOROETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,2-DICHLOROPROPANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,3,5-TRIMETHYLBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,3-DICHLOROBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,3-DICHLOROPROPANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				1,4-DICHLOROBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				2,2-DICHLOROPROPANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				2-BUTANONE	.02	mg/kg	U	N	Y	U	U						J018-08	09:00
				2-CHLOROTOLUENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				2-HEXANONE	.02	mg/kg	U	N	Y	U	U						J018-08	09:00
				4-CHLOROTOLUENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				4-METHYL-2-PENTANONE	.01	mg/kg	U	N	Y	U	U						J018-08	09:00
				ACETONE	.11	mg/kg		Y	Y	P	J		04A	05A			J018-08	09:00
				BENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				BROMOBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				BROMOCHLOROMETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				BROMODICHLOROMETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				BROMOFORM	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				BROMOMETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				CARBON DISULFIDE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				CARBON TETRACHLORIDE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				CHLOROBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				CHLOROETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				CHLOROFORM	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				CHLOROMETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				CIS-1,2-DICHLOROETHENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				CIS-1,3-DICHLOROPROPENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				DIBROMOCHLOROMETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				DIBROMOMETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				DICHLORODIFLUOROMETHANE	.005	mg/kg	U	N	Y	U	UJ		05B				J018-08	09:00
				ETHYLBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0009	SW8260B	SW5035	N 0 0.95	HEXACHLOROBUTADIENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				ISOPROPYL BENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				M/P-XYLENES	.01	mg/kg	U	N	Y	U	U						J018-08	09:00
				METHYLENE CHLORIDE	.0017	mg/kg	J	Y	Y	F	B		06C	15			J018-08	09:00
				N-BUTYLBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				N-PROPYLBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				NAPHTHALENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				O-XYLENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				P-ISOPROPYLTOLUENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				SEC-BUTYLBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				STYRENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				TERT-BUTYLBENZENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				TETRACHLOROETHENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				TOLUENE	.0015	mg/kg	J	Y	Y	P	J		15				J018-08	09:00
				TRANS-1,2-DICHLOROETHENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				TRANS-1,3-DICHLOROPROPENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				TRICHLOROETHENE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				TRICHLOROFLUOROMETHANE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
				VINYL CHLORIDE	.005	mg/kg	U	N	Y	U	U						J018-08	09:00
YP0010	SW8260B	SW5035	N 0 0.86	1,1,1,2-TETRACHLOROETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,1,1-TRICHLOROETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,1,2,2-TETRACHLOROETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,1,2-TRICHLOROETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,1-DICHLOROETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,1-DICHLOROETHENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,1-DICHLOROPROPENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,2,3-TRICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,2,3-TRICHLOROPROPANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,2,4-TRICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,2,4-TRIMETHYLBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,2-DIBROMO-3-CHLOROPROPANE	.0097	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,2-DIBROMOETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,2-DICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,2-DICHLOROETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,2-DICHLOROPROPANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,3,5-TRIMETHYLBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,3-DICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,3-DICHLOROPROPANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				1,4-DICHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				2,2-DICHLOROPROPANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0010	SW8260B	SW5035	N 0 0.86	2-BUTANONE	.019	mg/kg	U	N	Y	U	U						J018-09	09:37
				2-CHLOROTOLUENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				2-HEXANONE	.019	mg/kg	U	N	Y	U	U						J018-09	09:37
				4-CHLOROTOLUENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				4-METHYL-2-PENTANONE	.0097	mg/kg	U	N	Y	U	U						J018-09	09:37
				ACETONE	.028	mg/kg		Y	Y	P	J		04A	05A			J018-09	09:37
				BENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				BROMOBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				BROMOCHLOROMETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				BROMODICHLOROMETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				BROMOFORM	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				BROMOMETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				CARBON DISULFIDE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				CARBON TETRACHLORIDE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				CHLOROBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				CHLOROETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				CHLOROFORM	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				CHLOROMETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				CIS-1,2-DICHLOROETHENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				CIS-1,3-DICHLOROPROPENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				DIBROMOCHLOROMETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				DIBROMOMETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				DICHLORODIFLUOROMETHANE	.0048	mg/kg	U	N	Y	U	UJ		05B				J018-09	09:37
				ETHYLBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				HEXACHLOROBUTADIENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				ISOPROPYL BENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				M/P-XYLENES	.0097	mg/kg	U	N	Y	U	U						J018-09	09:37
				METHYLENE CHLORIDE	.0014	mg/kg	J	Y	Y	F	B		06C	15			J018-09	09:37
				N-BUTYLBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				N-PROPYLBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				NAPHTHALENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				O-XYLENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				P-ISOPROPYLTOLUENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				SEC-BUTYLBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				STYRENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				TERT-BUTYLBENZENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				TETRACHLOROETHENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				TOLUENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				TRANS-1,2-DICHLOROETHENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
				TRANS-1,3-DICHLOROPROPENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt	REX	Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																				
YP0010	SW8260B	SW5035	N	0	0.86	TRICHLOROETHENE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
						TRICHLOROFLUOROMETHANE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
						VINYL CHLORIDE	.0048	mg/kg	U	N	Y	U	U						J018-09	09:37
YP0011	SW8260B	SW5035	N	0	1.0	1,1,1,2-TETRACHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,1,1-TRICHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,1,2,2-TETRACHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,1,2-TRICHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,1-DICHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,1-DICHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,1-DICHLOROPROPENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,2,3-TRICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,2,3-TRICHLOROPROPANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,2,4-TRICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,2,4-TRIMETHYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,2-DIBROMO-3-CHLOROPROPANE	.011	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,2-DIBROMOETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,2-DICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,2-DICHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,2-DICHLOROPROPANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,3,5-TRIMETHYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,3-DICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,3-DICHLOROPROPANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						1,4-DICHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						2,2-DICHLOROPROPANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						2-BUTANONE	.037	mg/kg		Y	Y	P							J018-10	10:15
						2-CHLOROTOLUENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						2-HEXANONE	.021	mg/kg	U	N	Y	U	U						J018-10	10:15
						4-CHLOROTOLUENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						4-METHYL-2-PENTANONE	.011	mg/kg	U	N	Y	U	U						J018-10	10:15
						ACETONE	.76	mg/kg	E	Y	N	P	R		16				J018-10	10:15
						BENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						BROMOBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						BROMOCHLOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						BROMODICHLOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						BROMOFORM	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						BROMOMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						CARBON DISULFIDE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						CARBON TETRACHLORIDE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						CHLOROBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
						CHLOROETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0011	SW8260B	SW5035	N 0 1.0	CHLOROFORM	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				CHLOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				CIS-1,2-DICHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				CIS-1,3-DICHLOROPROPENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				DIBROMOCHLOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				DIBROMOMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				DICHLORODIFLUOROMETHANE	.0053	mg/kg	U	N	Y	U	UJ		05B				J018-10	10:15
				ETHYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				HEXACHLOROBUTADIENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				ISOPROPYL BENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				M/P-XYLENES	.011	mg/kg	U	N	Y	U	U						J018-10	10:15
				METHYLENE CHLORIDE	.0015	mg/kg	J	Y	Y	F	B		06C	15			J018-10	10:15
				N-BUTYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				N-PROPYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				NAPHTHALENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				O-XYLENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				P-ISOPROPYLTOLUENE	.043	mg/kg		Y	Y	P							J018-10	10:15
				SEC-BUTYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				STYRENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				TERT-BUTYLBENZENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				TETRACHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				TOLUENE	.0033	mg/kg	J	Y	Y	P	J		15				J018-10	10:15
				TRANS-1,2-DICHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				TRANS-1,3-DICHLOROPROPENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				TRICHLOROETHENE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				TRICHLOROFLUOROMETHANE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
				VINYL CHLORIDE	.0053	mg/kg	U	N	Y	U	U						J018-10	10:15
	SW8260B	SW5035	N 1 1.1	1,1,1,2-TETRACHLOROETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,1,1-TRICHLOROETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,1,2,2-TETRACHLOROETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,1,2-TRICHLOROETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,1-DICHLOROETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,1-DICHLOROETHENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,1-DICHLOROPROPENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,2,3-TRICHLOROBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,2,3-TRICHLOROPROPANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,2,4-TRICHLOROBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,2,4-TRIMETHYLBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,2-DIBROMO-3-CHLOROPROPANE	.012	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,2-DIBROMOETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0011	SW8260B	SW5035	N 1 1.1	1,2-DICHLOROBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,2-DICHLOROETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,2-DICHLOROPROPANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,3,5-TRIMETHYLBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,3-DICHLOROBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,3-DICHLOROPROPANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				1,4-DICHLOROBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				2,2-DICHLOROPROPANE	.0058	mg/kg	U	N	N	U	U		16				J018-10R	19:40
				2-BUTANONE	.013	mg/kg	J	Y	N	P	R		16				J018-10R	19:40
				2-CHLOROTOLUENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				2-HEXANONE	.023	mg/kg	U	N	N	U	U		16				J018-10R	19:40
				4-CHLOROTOLUENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				4-METHYL-2-PENTANONE	.012	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				ACETONE	.3	mg/kg		Y	Y	P	J		04A	05A			J018-10R	19:40
				BENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				BROMOBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				BROMOCHLOROMETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				BROMODICHLOROMETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				BROMOFORM	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				BROMOMETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				CARBON DISULFIDE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				CARBON TETRACHLORIDE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				CHLOROBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				CHLOROETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				CHLOROFORM	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				CHLOROMETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				CIS-1,2-DICHLOROETHENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				CIS-1,3-DICHLOROPROPENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				DIBROMOCHLOROMETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				DIBROMOMETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				DICHLORODIFLUOROMETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				ETHYLBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				HEXACHLOROBUTADIENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				ISOPROPYL BENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				M/P-XYLENES	.012	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				METHYLENE CHLORIDE	.0032	mg/kg	JB	Y	N	F	R		16				J018-10R	19:40
				N-BUTYLBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				N-PROPYLBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				NAPHTHALENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				O-XYLENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0011	SW8260B	SW5035	N 1 1.1	P-ISOPROPYLTOLUENE	.0018	mg/kg	J	Y	N	P	R		16				J018-10R	19:40
				SEC-BUTYLBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				STYRENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				TERT-BUTYLBENZENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				TETRACHLOROETHENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				TOLUENE	.00041	mg/kg	J	Y	N	P	R		16				J018-10R	19:40
				TRANS-1,2-DICHLOROETHENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				TRANS-1,3-DICHLOROPROPENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				TRICHLOROETHENE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				TRICHLOROFLUOROMETHANE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
				VINYL CHLORIDE	.0058	mg/kg	U	N	N	U	R		16				J018-10R	19:40
YP0012	SW8260B	SW5035	N 0 1.1	1,1,1,2-TETRACHLOROETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,1,1-TRICHLOROETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,1,2,2-TETRACHLOROETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,1,2-TRICHLOROETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,1-DICHLOROETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,1-DICHLOROETHENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,1-DICHLOROPROPENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,2,3-TRICHLOROBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,2,3-TRICHLOROPROPANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,2,4-TRICHLOROBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,2,4-TRIMETHYLBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,2-DIBROMO-3-CHLOROPROPANE	.013	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,2-DIBROMOETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,2-DICHLOROBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,2-DICHLOROETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,2-DICHLOROPROPANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,3,5-TRIMETHYLBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,3-DICHLOROBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,3-DICHLOROPROPANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				1,4-DICHLOROBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				2,2-DICHLOROPROPANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				2-BUTANONE	.026	mg/kg	U	N	Y	U	U						J018-11R	13:20
				2-CHLOROTOLUENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				2-HEXANONE	.026	mg/kg	U	N	Y	U	U						J018-11R	13:20
				4-CHLOROTOLUENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				4-METHYL-2-PENTANONE	.013	mg/kg	U	N	Y	U	U						J018-11R	13:20
				ACETONE	.026	mg/kg	U	N	Y	U	R		04A	05A			J018-11R	13:20
				BENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				BROMOBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20

Validation Qualifier Data Entry Verification

Run Date: March 19, 2003

Fort McClellan

Sample Number:	Analytical/Extraction Method:		Flt REX Dil:	Parameter:	Result:	Units:	Qlfr:	Hit	Use	BCF	Val Qlfr	Val Code:	Reason Codes 1	2	3	4	Lab Sample:	Analysis Time:
10130Q01																		
YP0012	SW8260B	SW5035	N 0 1.1	BROMOCHLOROMETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				BROMODICHLOROMETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				BROMOFORM	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				BROMOMETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				CARBON DISULFIDE	.012	mg/kg		Y	Y	P							J018-11R	13:20
				CARBON TETRACHLORIDE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				CHLOROBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				CHLOROETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				CHLOROFORM	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				CHLOROMETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				CIS-1,2-DICHLOROETHENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				CIS-1,3-DICHLOROPROPENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				DIBROMOCHLOROMETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				DIBROMOMETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				DICHLORODIFLUOROMETHANE	.0065	mg/kg	U	N	Y	U	UJ		05B				J018-11R	13:20
				ETHYLBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				HEXACHLOROBUTADIENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				ISOPROPYL BENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				M/P-XYLENES	.013	mg/kg	U	N	Y	U	U						J018-11R	13:20
				METHYLENE CHLORIDE	.0035	mg/kg	J	Y	Y	F	B		06C	15			J018-11R	13:20
				N-BUTYLBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				N-PROPYLBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				NAPHTHALENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				O-XYLENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				P-ISOPROPYLTOLUENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				SEC-BUTYLBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				STYRENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				TERT-BUTYLBENZENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				TETRACHLOROETHENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				TOLUENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				TRANS-1,2-DICHLOROETHENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				TRANS-1,3-DICHLOROPROPENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				TRICHLOROETHENE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				TRICHLOROFLUOROMETHANE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20
				VINYL CHLORIDE	.0065	mg/kg	U	N	Y	U	U						J018-11R	13:20

Response to Alabama Department of Environmental Management Comments
Draft Site Investigation Report
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Comments from Stephen A. Cobb, Chief, Governmental Hazardous Waste Branch, Land Division, dated September 23, 2003.

Comment 1: **Page ES-1, Last Paragraph. Fort McClellan states that past operations have impacted the environment and that a remedial investigation (RI) is recommended. However, nothing is said concerning how the Army determined such impacts. Although the second paragraph briefly states that comparisons of sample concentrations to various criteria were performed, the result of these comparisons is not mentioned. ADEM and EPA recommend adding a statement to the text concerning exceedances of the appropriate comparison criteria to further describe and indicate the impact on the environment. This same comment applies to the discussion of environmental impacts on Page 6-1.**

Response 1: Comment noted. The third and fourth paragraphs of the Executive Summary and Chapter 6.0 were revised to briefly discuss the exceedances of the appropriate comparison criteria.

Comment 2: **Page 5-2, Section 5.0. Selenium was detected in soil samples and was flagged with a "B" data qualifier indicating that selenium was detected in laboratory or field blank samples. Fort McClellan should discuss the comparison between the concentrations of selenium in the blank samples and the concentrations of selenium in the site samples to prevent the reader from having to read through all qualified data in the Appendix. As mentioned on Page 7 of Appendix G, the 5X rule applies since selenium is not considered a common laboratory contaminant.**

Response 2: Disagree. The intent of Chapter 5.0 is to *summarize* the analytical data and any associated data qualifiers – not to provide specific information on the criteria for assigning data qualifiers. Appendix G of the SI report provides the quality assurance/data validation summary report.

Comment 3: **Page 6.0, Conclusions and Recommendations. Fort McClellan made no conclusions based on the soil and depositional soil COPCs and COPECs identified in Section 5.0. Please add text to provide an appropriate summary, similar to that presented in Lines 18-23 for human health COPCs.**

Response 3: Comment noted. The last sentence in Chapter 6.0 was revised to state "Therefore, Shaw recommends that a remedial investigation be conducted to determine the extent of *soil and* groundwater contamination at the Former Mock Village at Yahou Lake, Parcel 130Q-X."

Comment 4: **Appendix A. The reason for using chain of custody forms is to allow the reconstruction of the custody of the samples from time of collection until time of receipt by the analytical laboratory. This requires signatures at the appropriate locations on the appropriate forms. The sampling records in this appendix do not allow the regulatory agencies to reconstruct the COC for the following reasons:**

- **On all of the sample collection logs (SCLs), the sampling team blocks contained printed names, not signatures as required by the guidance. Anyone can print someone else's name;**
- **The name of the person who signed the relinquished block on all of the chain of custody (COC) forms does not appear on the sample collection logs;**
- **On ten of the COC forms, the "relinquished by" block contains a printed name, not a signature; and,**
- **On four of the COC forms, the "received by" block contains a printed name, not a signature.**

Response 4: Comment noted. Shaw personnel followed the same chain-of-custody procedures that have been in effect since the beginning of the FTMC project in 1998. It is perplexing that until now these issues have never been called into question.

These procedures are outlined in Section 6.1.7.1 *Field Custody Procedures* found in the *Draft Installation-Wide Sampling and Analysis Plan*, Revision 3, February 2002 (SAP). This sections states, "The sampling team, sample coordinator, and site manager will maintain overall responsibility for the care and custody of the samples until they are transferred or properly dispatched to the on-site screening facility and/or fixed-based laboratory." In addition, SAP Section 6.1.7.2 *Transfer of Custody and Shipment* states, "General custody of

the sample will be maintained by the sample collection team members from the time of collection in the field through preparation and shipment to the laboratory. The main custody transfer will occur when the sample shipment is received into the laboratory from the field and is documented." Similar language is also provided in the QAP.

Using these two sections as guidance, all Shaw field personnel who are responsible for the collection of field samples (which includes the sample coordinator and the site manager) were considered part of the "sample team." No custody transfer record was considered to be necessary among members of the same sample collection team. If another contractor, a subcontractor to Shaw, the Army, or other personnel had collected samples and transferred them to Shaw for processing or analysis, then the transfer of custody of those samples would have been formally recorded using a COC form.

Multiple sample technicians were responsible for collecting samples and completing the sample collection logs. The samples and logs were funneled to the Shaw sample coordinator, who then reviewed the documentation, inventoried all of the samples collected, and compiled a single COC record to list all the samples collected (daily) for transfer to the receiving analytical laboratories. Therefore, the sample coordinator's signature on the form represents the transfer of custody from the Shaw sample team in the field to the analytical laboratory personnel (per Section 6.1.7.2 of the SAP). Shaw believes that this is satisfactory custody transfer documentation and, therefore, does not agree this indicates that sample custody was not maintained as stated in the comment.

However, in light of recent comments received by EPA, Shaw has changed its COC procedures to include a separate COC for each sample collection team that will be filled out in addition to their sample collection logs. The samples from each sample collection team will be received by the Shaw sample coordinator and each sample team's COC and their associated sample collection logs will be reviewed prior to taking possession of the samples and signing the COC. This process will be repeated for each sample collection team in the field. The additional sample team COCs will then be copied for the field records and stored onsite. The original forms will be transmitted to the office for filing in the project central files and copied again for inclusion in the sample documentation appendix of each report. In future reports, this appendix will now include all of these "supplementary" sample team COCs to document intra-

team custody transfers, all the sample collection logs, and all of the final COCs that document sample transfer to the laboratories.

Bullets 3 and 4: Is ADEM implying that someone's "signature" can only be made through cursive writing? While it is recognized that anyone can print someone else's name, the reviewer should note that anyone can also *sign* someone else's name. If an individual signs a document and is willing to affirm that the signature is indeed their own unique mark, then the manner in which that signature is made and the form that signature takes are irrelevant.

Response to U.S. Environmental Protection Agency Comments
Draft Site Investigation Report
Former Mock Village at Yahou Lake, Parcel 130Q-X
Fort McClellan, Calhoun County, Alabama

Comments from Doyle T. Brittain, Senior Remedial Project Engineer, dated July 24, 2003.

Comment 1: **Page ES-1, Last Paragraph. This sentence states that past operations have impacted the environment and that a remedial investigation is recommended. However, nothing is said concerning how impacts were determined. Although the second paragraph briefly states that comparisons of sample concentrations to various criteria was performed, the results of these comparisons is not mentioned. A brief statement concerning exceedances of the appropriate comparison criteria indicating impact on the environment should be added. This same comment applies to the discussion of environmental impacts on Page 6-1.**

Response 1: Comment noted. The third and fourth paragraphs of the Executive Summary and Chapter 6.0 were revised to briefly discuss the exceedances of the appropriate comparison criteria.

Comment 2: **Page 5-2, Section 5.0. Selenium detected in soil samples was flagged with a "B" data qualifier indicating that selenium was detected in laboratory or field blank samples. This section should discuss the concentrations of selenium in the blank samples in comparison with the concentrations of selenium in the site samples to prevent the reader from having to read through all qualified data in the Appendix. As mentioned briefly on Page 7 of Appendix G, the 5X rule applies since selenium is not considered a common laboratory contaminant.**

Response 2: Disagree. The intent of Chapter 5.0 is to *summarize* the analytical data and any associated data qualifiers – not to provide specific information on the criteria for assigning data qualifiers. Appendix G of the SI report provides the quality assurance/data validation summary report.

Comment 3: **Page 6.0, Conclusions and Recommendations. No conclusions were drawn with regard to the soil and depositional soil COPCs and COPECs identified in Section 5.0. Text should be added to the section to provide a brief summary similar to that presented in Lines 18-23 for human health COPCs.**

Response 3: Comment noted. The last sentence in Chapter 6.0 was revised to state "Therefore, Shaw recommends that a remedial investigation be conducted to

determine the extent of *soil and* groundwater contamination at the Former Mock Village at Yahou Lake, Parcel 130Q-X."

Comment 4: **Appendix A. The reason for using chain of custody forms is to allow the reconstruction of the custody of the samples from time of collection until time of receipt by the analytical laboratory. This is accomplished by signatures at the appropriate locations on the appropriate forms. The sampling records in this appendix will not allow for the reconstruction of the COC for the following reasons.**

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- **The name of the person who signed the relinquished block on all of the chain of custody (COC) forms does not appear on the sample collection logs.**
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- **On four of the COC forms, the received by block contains a printed name, not a signature.**

Response 4: Comment noted. Shaw personnel followed the same chain-of-custody procedures that have been in effect since the beginning of the FTMC project in 1998. It is perplexing that until now these issues have never been called into question.

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received into the laboratory from the field and is documented." Similar language is also provided in the QAP.

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Bullets 3 and 4: Is EPA implying that someone's "signature" can only be made

through cursive writing? While it is recognized that anyone can print someone else's name, the reviewer should note that anyone can also *sign* someone else's name. If an individual signs a document and is willing to affirm that the signature is indeed their own unique mark, then the manner in which that signature is made and the form that signature takes are irrelevant.