

11628 S. Choctaw Drive Baton Rouge, LA 70815 Phone: 225.924.2002 Fax: 225.924.2004

www.semsinc.net

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Mr. Dean Schellhase William T. Poe & Associates DBA Explosive Service International 9985 Baringer Foreman Road Baton Rouge, Louisiana 70809

Baseline Environmental Site Investigation Report
M6 Destruction Project
Camp Minden National Guard Training Site
Minden, Bossier/Webster Parishes, Louisiana

Dear Mr. Schellhase:

Southern Environmental Management & Specialties (SEMS) is hereby submitting the Baseline Environmental Site Investigation Report for the above referenced project. Baseline Environmental Site Investigation activities were conducted at Area I and Clarkes Bayou in accordance with the Revised Quality Assurance Sample Plan (QASP) – Soil and Water dated September 25, 2015.

Should you have any questions or require additional information, please contact the undersigned at (225) 924-2002.

Sincerely,

SEMS, Inc.

SEMS, Inc.

Maghee Shaw Project Manager

Magher Show

Charles "Chuck" L. Ellis, Jr., P.E.

Environmental Manager



11628 S. Choctaw Drive Baton Rouge, LA 70815 Phone: 225.924.2002 Fax: 225.924.2004 www.semsinc.net

BASELINE ENVIRONMENTAL SITE INVESTIGATION REPORT M6 DESTRUCTION PROJECT CAMP MINDEN NATIONAL GUARD TRAINING SITE MINDEN, BOSSIER/WEBSTER PARISHES, LOUISIANA

PREPARED FOR:
WILLIAM T. POE & ASSOCIATES
DBA EXPLOSIVE SERVICE INTERNATIONAL
9985 BARINGER FOREMAN ROAD
BATON ROUGE, LOUISIANA 70809

OCTOBER 2015

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1.0 INTRODUCTION

Southern Environmental Management & Specialties (SEMS) was contracted by Explosive Service International (ESI) to conduct a Baseline Environmental Site Investigation prior to commencement of the M6 Destruction Project at the Camp Minden National Guard Training Site (Camp Minden) in Webster and Bossier Parishes, Louisiana. The M6 Destruction Project includes the complete removal, destruction, and disposal of all hazardous materials and waste located at Camp Minden under the EPA administration order. Destruction activities will be conducted at Camp Minden Area I (herein identified as Area I). **Figure 1** is a Regional Location Map showing the location of Camp Minden within the State of Louisiana. **Figure 2** is a Facility Map showing the Camp Minden Area I Destruction Site and the significant features.

The Baseline Environmental Site Investigation was conducted to establish existing soil and groundwater conditions in Area I and establish existing sediment and surface water conditions in Clarkes Bayou prior to commencement of the M6 Destruction Project. As shown on **Figure 2**, former operations conducted at Area I included explosives waste incineration and additional incineration.

2.0 SCOPE OF WORK

The scope of work for the Baseline Environmental Site Investigation included conducting site investigation activities in Area I and Clarkes Bayou at Camp Minden. Due to the large size of Area I, Area I was divided into two areas for site investigation activities. The two areas are identified as Area I surface (area of operation) and Area I perimeter (around the perimeter of the area of operation). **Figure 3** is a Sample Location Map showing the locations of the samples collected in Area I surface, Area I perimeter and Clarkes Bayou.

The site investigation scope of work for Area I surface included the advancement of soil borings using direct push technology (DPT) for the collection of surface soil samples. The site investigation scope of work for Area I perimeter included the advancement of DPT soil borings completed as

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monitor wells for the collection of soil and groundwater samples prior to, during and after the completion of the M6 destruction project. The site investigation scope of work for Clarks Bayou included the collection of surface water and sediment samples from Clarkes Bayou at the point of discharge from Area I, upstream of Area I and downstream of Area I. The following is a summary of the specific scope of work details for Area I surface, Area I perimeter, and Clarks Bayou:

AREA I SURFACE SCOPE OF WORK

- Advancement of thirty-five (35) shallow direct push borings to a total depth of 2 feet below ground surface (bgs) for the collection of soil samples. The sample locations are identified as the grid locations denoted on **Figure 3**;
- Laboratory analysis of all 35 surface soil samples for nitroaromatics, nitramines, and nitrate esters by high performance liquid chromatography (nitroaromatics and nitramines) using EPA Method 8330B; volatile organic compounds (VOCs) using EPA Method 8260C; and semi-volatile organic compounds (SVOCs) using EPA Method 8270D, including 2,4-dinitrotoluene, 2,6-dinitrotoluene, di-n-butylpthalate, and diphenylamine;
- Laboratory analysis of four (4) select surface soil samples for nitrocellulose using Method 353.2; RCRA Metals (Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver) using EPA Methods 6020A and 7471B; and Dioxins/Furans using EPA Method 1613B; and
- Laboratory analysis of one select surface soil sample for total petroleum hydrocarbon gasoline range organics (TPH-GRO) using EPA Method 8015B and total petroleum hydrocarbon - diesel range organics (TPH-DRO) using EPA Method 8015B.

AREA I PERIMETER SCOPE OF WORK

- Installation of six (6) direct push soil borings (identified as SB-1 through SB-6) to a depth of 30 feet bgs completed as monitoring wells (identified as MW-1 through MW-6) for the collection of soil and groundwater samples;
- Field screening of soil samples with a photoionization detector (PID); and

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Laboratory analysis of select soil samples (three per boring) and groundwater samples (one
per monitoring well) for nitroaromatics and nitramines using EPA Method 8330B; VOCs
using EPA Method 8260C; and SVOCs using EPA Method 8270D, including 2,4dinitrotoluene, 2,6-dinitrotoluene, di-n-butylpthalate, and diphenylamine.

CLARKES BAYOU SCOPE OF WORK

- Collection of three (3) surface water samples identified as SW upstream, SW point of discharge, and SW downstream;
- Collection of three (3) sediment samples identified as sediment upstream, sediment point of discharge, and sediment downstream; and
- Laboratory analysis of surface water and sediment samples for VOCs using EPA Method 8260C and SVOCs using EPA Method 8270D, including 2,4-dinitrotoluene, 2,6-dinitrotoluene, di-n-butylpthalate, and diphenylamine.

The following report presents a summary of the Baseline Environmental Site Investigation activities, conclusions, and recommendations. The Baseline Site Investigation activities were conducted in accordance with the Revised Quality Assurance Sample Plan (QASP) – Soil and Water dated September 25, 2015. Sample locations were determined as outlined in the approved QASP dated July 14, 2015.

3.0 SUMMARY OF SITE INVESTIGATION ACTIVITIES

The Baseline Environmental Site Investigation included conducting site investigation activities in Area I surface, Area I perimeter and Clarkes Bayou. The Area I surface site investigation activities included the advancement of thirty five (35) shallow direct push soil borings (identified as the grid locations on **Figure 3**) to a total depth of 2 feet bgs for the collection of surface soil samples. The Area I perimeter site investigation activities included the installation of six (6) direct push soil borings to a total depth of 30 feet bgs completed as monitoring wells around the perimeter of Area I for the collection of soil and groundwater samples (see **Figure 3**). The Clarkes Bayou site

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investigation activities included the collection of surface water and sediment samples from Clarkes Bayou.

The Area I surface soil and Area I perimeter soil sampling/monitor well installation/development activities were conducted on August 17-21, 2015. The Clarkes Bayou sampling activities and the collection of the groundwater samples from the Area I perimeter monitor wells were conducted on August 31, 2015. Details of the site investigation activities are included in the following sections.

3.1 AREA I SURFACE

3.1.1 Sample Preparation

Area I surface soil sample locations were measured and demarked in preparation for drilling activities on August 17, 2015 as shown on **Figure 3**. The locations were identified using the corresponding grid locations as identified on the Sample Location Map (**Figure 3**).

3.1.2 Direct Push Borings and Sampling

Thirty-five (35) shallow direct push borings were advanced at Area I on August 17-18, 2015 for the collection of surface soil samples. The direct push boring locations were pre-determined as specified in the approved QASP dated July 14, 2015. The boring were installed at the following locations:

- Twenty-one (21) direct push borings were advanced in a 130 ft x 130 ft grid pattern within the existing fenced area to objectively assess representative site conditions;
- Seven (7) additional direct push borings were advanced within the existing fenced area to
 further investigate the former explosives waste incinerator (EWI) location; the proposed
 contained burn chamber system location; the proposed trailer staging area; and the proposed
 material staging area;

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- Five (5) direct push borings were advanced in the northwestern portion of Area I to investigate the former incinerator location and the proposed type II magazine storage location; and
- Two (2) direct push borings were advanced southeast of the existing gate to investigate the locations of the proposed above ground storage tanks.

Each of the direct push borings was advanced by Devonian Group (Devonian), of Lafayette, Louisiana utilizing a track mounted Geoprobe Rig 6620DT. Each direct push boring was advanced to a depth of 2 feet bgs. Groundwater was not encountered in the direct push borings. Soil cores were collected in stainless steel sample barrels lined with disposable acetate liners and relinquished to the field sampler. Immediately upon collection, a grab sample of the upper 2 feet of soil of each boring location was collected for laboratory testing using Terra Core sampling kits in accordance with method 5035. Soil boring logs were developed from observations and descriptions for samples retrieved from each direct push boring. Area I surface soil boring logs are provided as **Attachment A**.

The surface soil samples were placed into new, laboratory supplied, pre-preserved containers (if applicable), labeled, and placed in a cooler on ice for transportation to the laboratory. Each sample was labeled with the sample identification, date and time of collection, project name, sampler name, and requested analysis. Surface soil samples were packed with ice and shipped, accompanied by chain-of-custody documentation to TestAmerica St. Louis (TestAmerica) in Earth City, Missouri for laboratory analysis.

All of the surface soil samples were analyzed for nitroaromatics and nitramines using EPA Method 8330B; volatile organic compounds (VOCs) using EPA Method 8260C; and semi-volatile organic compounds (SVOCs) using EPA Method 8270D, including 2,4-dinitrotoluene, 2,6-dinitrotoluene, din-butylpthalate, and diphenylamine.

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Additionally, four (4) select Area I surface soil samples were also analyzed for nitrocellulose using

EPA Method 353.2; RCRA Metals using EPA Method 6020A and EPA Method 7471B; and

Dioxins/Furans using EPA Method 1613B. These four (4) surface soil samples were selected from

Area I based on existing structures, former site operations, and proposed activities for additional

analysis. The selected soil samples analyzed for additional parameters included: the proposed

contained burn chamber system location (grid location B2.3); the former EWI location (grid location

H2); the former incinerator location (grid location O-0.2); and an area of non-impact, southeast of

the entrance gate (grid location E6.5).

One surface soil sample southeast of the entrance gate (grid location E6.5) was also analyzed for

total petroleum hydrocarbons - gasoline range organics (TPH-GRO) using EPA Method 8015B and

total petroleum hydrocarbons - diesel range organics (TPH-DRO) using EPA Method 8015B since it

is located in the vicinity of the proposed petroleum above ground storage tanks (see Figures 2 and

3).

The results of the laboratory analyses are shown in the laboratory analytical report included in

Attachment B. A summary of the Area I surface soil analytical results is presented in **Table 1**.

All direct push equipment and sampling devices were chemically cleaned prior to drilling activities

and between each borehole to minimize the potential of cross contamination. In addition, nitrile

gloves were used while handling sampling equipment and soil samples.

3.1.3 Surface Soil Plugging and Abandonment

Following sample collection, each direct push boring location was plugged and abandoned by

grouting the borehole with a cement/bentonite mixture from the bottom of the borehole to ground

surface.

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3.1.4 Surface Soil Sample Location Survey

Upon completion of the plugging and abandonment activities, each shallow direct push surface soil boring location was plotted utilizing a portable Garmin GPSMAP 62S hand held unit to determine the latitude and longitude coordinates to the nearest one-hundredth of a second (0.01 second) for future field identification. The latitude and longitude coordinates for the Area I surface soil sample locations are summarized in **Table 2**.

3.2 AREA I PERIMETER

3.2.1 Direct Push Borings and Sampling

Six (6) direct push borings identified as SB-1 through SB-6 were advanced around the perimeter of Area I on August 17-18, 2015 for the collection of soil samples (see **Figure 3**). The direct push boring locations were pre-determined as specified in the approved QASP dated July 14, 2015. As shown on **Figure 3**, one direct push boring was advanced to the north of Area I, one direct push boring was advanced to the south of Area I, two direct push borings were advanced to the east of Area I, and two direct push borings were advanced to the west of Area I.

Each of the direct push borings was advanced by Devonian utilizing a track mounted Geoprobe Rig 7822DT. Each direct push boring (SB-1 through SB-6) was advanced to a total depth of 30 feet bgs. Groundwater was first encountered in the direct push borings at depths ranging from approximately 17 to 21 feet bgs. Soil samples were collected with the use of 4-foot or 5-foot (as determined by the final push) long stainless steel sample barrels lined with disposable acetate liners and were relinquished to the field sampler. All direct push equipment and sampling devices were chemically cleaned prior to drilling activities and between each borehole to minimize the potential of cross contamination. In addition, nitrile gloves were used while handling equipment and soil samples. Soil boring logs were developed from observations, descriptions and field screening data for samples

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retrieved from each direct push boring. Area I perimeter soil boring logs are provided as **Attachment C**.

Continuous soil sampling was conducted in two feet intervals. Immediately upon collection, a portion of each soil sample interval was collected using Terra Core sampling kits in accordance with EPA Method 5035 sampling procedures and retained for laboratory analysis. The soil samples were placed in new, laboratory-supplied, pre-preserved containers (if applicable), labeled, and placed on ice in a cooler. Each sample was labeled with the sample identification, date and time of collection, project name, sampler name, and requested analysis. A portion of each soil sample was also placed in a separate glass jar, foil sealed, and allowed to stand for volatilization of possible hydrocarbon vapors. The head space of the sample was then analyzed in the field for hydrocarbon vapors using a photo ionization detector (PID) calibrated to 100 parts per million Isobutylene. The field screening PID hydrocarbon vapor concentrations of each soil sample measured were recorded on the soil boring logs. A summary of the Area I perimeter field screening readings are provided on **Table 3**.

Immediately upon field screening, a minimum of three soil samples per soil boring were selected from each perimeter borehole for laboratory analysis. The soil samples selected for laboratory analyses were selected based on the Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) (dated October 2003) Appendix B criteria which are based upon the following considerations: highest PID reading in surface soil (0–15 feet bgs); highest PID reading in subsurface soil: (> 15 feet bgs); first encountered groundwater; and total depth of borehole. The soil samples selected for analytical analyses included the following: SB-1 (0-2), SB-1 (20-22), SB-1 (28-30), SB-2 (0-2), SB-2 (16-18), SB-2 (28-30), SB-3 (0-2), SB-3 (16-18), SB-3 (28-30), SB-4 (0-2), SB-4 (16-18), SB-4 (28-30), SB-5 (0-2), SB-5 (16-18), SB-5 (28-30), SB-6 (0-2), SB-6 (20-22), and SB-6 (28-30). The selected soil samples were packed with ice and shipped, accompanied by chain-of-custody documentation to TestAmerica for laboratory analysis. Each of the perimeter soil samples were analyzed for nitroaromatics and nitramines using EPA Method 8330B; VOCs using EPA Method 8260C; and SVOCs using EPA Method 8270D, including 2,4-dinitrotoluene, 2,6-dinitrotoluene, di-n-butylpthalate, and diphenylamine. The results of these

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analyses are shown in the laboratory analytical report included in **Attachment B**. A summary of the Area I perimeter soil analytical results are presented in **Table 4**.

3.2.2 Monitoring Well Installation and Well Development

Once the total depth (30 feet bgs) of the perimeter soil borings SB-1, SB-2, SB-3, SB-4, SB-5, and SB-6 were reached, the borings were converted into permanent monitoring wells MW-2, MW-4, MW-6, MW-5, MW-3, and MW-1, respectively. The monitoring wells were installed in the shallow groundwater unit to evaluate groundwater conditions at the site throughout the duration of the M6 Destruction Project at Camp Minden – Area I. The locations of the monitoring wells as outlined in the approved QASP dated July 14, 2015 are shown on **Figure 3**.

Devonian utilized a track mounted Geoprobe 7822DT drill rig equipped with 8.25-inch diameter hollow stem augers to install six (6) 2-inch diameter schedule 40 PVC monitoring wells. Monitoring wells MW-1 through MW-3were installed to a total depth of 30 ft-bgs; MW-4 was installed to a total depth of 29 ft-bgs; MW-5 was installed to a total depth of 27 ft-bgs; and MW-6 was installed to a total depth of 28 ft-bgs. Each monitoring well was constructed of schedule 40 PVC pipe with the bottom 10-feet of the PVC pipe factory slotted (0.010-inch width slots) well screen with a sump. The assembled well pipe was placed through the hollow stem augers. As the augers were withdrawn, the annular space around the well assembly was filled with a sand pack material of uniform gradation (20/40 silca sand filter) to a depth of two-feet above the top of the well screen. A two-foot thick bentonite seal was placed above the sand pack material utilizing water-activated pellets. Portland cement-bentonite grout mix was used to backfill the annular space above the bentonite seal. Each monitor well was secured with a locking watertight cap completed with an above ground surface lockable metal shroud, a 2-ft by 2-ft concrete pad, and four protective metal guard posts. Well construction diagrams are provided in **Attachment C**. The groundwater monitoring well characteristics are included in **Table 5**.

Following installation, each well was developed in an attempt to remove fine-grained particles. The monitoring wells were developed on August 19-20, 2015 using a downhole pump with dedicated tubing in order to prevent cross contamination. A surge block was used in conjunction with the downhole pump to mechanically surge each well during development and to ensure proper conductivity between the borehole and the formation. The Monitoring Well Development Logs are provided in **Attachment D**.

Monitoring wells MW-1 through MW-6 were registered with the Louisiana Department of Natural Resources (LDNR), Office of Conservation using the Water Well Registration Short Form (DOTD-GW-1S). Copies of the LDNR Registration Forms are included in **Attachment E**.

3.2.3 Monitoring Well Survey

The top of casing (TOC), ground surface elevation, and location of monitoring wells MW-1 through MW-6 were surveyed on August 20, 2015, by SEMS, Inc. Monitoring wells MW-1 through MW-6 were surveyed for the vertical position to the nearest one-hundredth of a foot (0.01 foot) in reference to the National Geodetic Vertical Datum (NGVD) of 1929. The horizontal locations of monitoring wells MW-1 through MW-6 were surveyed to obtain latitude and longitude to the nearest one-hundredth of a second (0.01 second) in reference to the North American Datum of 1983 (NAD 83). The latitude and longitude coordinates, TOC elevations, and ground surface elevations for each monitor well are summarized on **Table 2.** The TOC and ground surface elevations for each monitor well (MW-1 through MW-6) are as follows:

| Monitoring Well ID | Top of Casing Elevation | Ground Surface Elevation |
|--------------------|-------------------------|--------------------------|
| | (ft. NGVD) | (ft. NGVD) |
| MW-1 | 205.16 | 202.08 |
| MW-2 | 206.07 | 203.18 |
| MW-3 | 204.14 | 201.72 |
| MW-4 | 203.66 | 199.75 |
| MW-5 | 204.08 | 200.78 |
| MW-6 | 202.69 | 200.51 |

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3.2.4 Groundwater Conditions

On August 31, 2015, SEMS personnel measured the groundwater levels in monitoring wells MW-1 through MW-6 for the determination of the groundwater potentiometric surface. Each well was uncapped to allow water levels to equilibrate to atmospheric conditions. After equilibration, the depth-to-water was measured from the TOC to the nearest one-hundredth of a foot with an oil/water interface probe. The interface probe was decontaminated prior to on-site work, between each well, and after fluid level measurements were complete.

The static groundwater levels were recorded at depths ranging from between 21.22 feet and 23.85 feet below the top of casing in monitoring wells MW-1 through MW-6 during the August 31, 2015 groundwater monitoring event. The static groundwater measurements were used to determine groundwater elevations at the site and groundwater flow direction. A Potentiometric Map for the August 31, 2015 monitoring event is provided as **Figure 4**, which shows that groundwater flows generally toward the south-southwest with an average hydraulic gradient across the site of approximately 0.001 ft/ft. The groundwater level measurements from the August 31, 2015 monitoring event were recorded on the Monitoring Well Sampling Logs included as **Attachment F** and are summarized in **Table 6**.

3.2.5 Monitor Well Groundwater Sampling

Groundwater samples were collected from monitor wells MW-1 through MW-6 on August 31, 2015. Prior to sampling, at least three well volumes were purged from each monitor well MW-1 through MW-6 using dedicated disposable bailers. The wells were allowed to recharge and groundwater samples were collected using disposable bailers. The groundwater samples were placed in new, laboratory-supplied, pre-preserved containers (if applicable), labeled with an identification number, and placed on ice in a cooler pending shipment to the laboratory. Samples were packed with ice and shipped, accompanied by chain-of-custody documentation to TestAmerica for analytical testing.

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Data for the groundwater sampling event is summarized on the Monitoring Well Sampling Logs provided as **Attachment F**.

Groundwater samples collected from monitoring wells MW-1 through MW-6 were analyzed for nitroaromatics and nitramines using EPA Method 8330B; VOCs using EPA Method 8260C; and SVOCs using EPA Method 8270D, including 2,4-dinitrotoluene, 2,6-dinitrotoluene, di-n-butylpthalate, and diphenylamine. The results of the groundwater analyses are shown in the laboratory analytical report included in **Attachment B**. A summary of Area I groundwater analytical results are presented in **Table 7**.

3.3 CLARKES BAYOU

3.3.1 Surface Water Sampling

On August 31, 2015, three surface water samples (identified as SW downstream, SW point of discharge, and SW upstream) were collected from Clarkes Bayou which is the nearest surface water body, located approximately 2,250 feet west of the Camp Minden Area I M6 Destruction site. The three designated sample locations were accessed using a utility terrain vehicle (UTV) as outlined in the approved QASP dated July 14, 2015. Discrete surface water samples were collected using a dip sampler. Sample equipment was decontaminated before collection activities were initiated and between each collection point to prevent cross contamination. In addition, nitrile gloves were used while handling surface water samples and sampling equipment. Surface water and sediment samples were collected from the same collection point; therefore, the surface water samples were collected prior to the collection of the sediment. Water samples were collected without disturbing the sediment. The water samples were placed in new, laboratory-supplied, pre-preserved containers (if applicable), labeled with an identification number, and placed on ice in a cooler pending shipment to the analytical laboratory. Surface water samples were packed with ice and shipped, accompanied by chain-of-custody documentation to TestAmerica for analytical testing.

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Surface water samples collected from Clarkes Bayou were analyzed for VOCs using EPA Method 8260C and SVOCs using EPA Method 8270D, including 2,4-dinitrotoluene, 2,6-dinitrotoluene, di-n-butylpthalate, and diphenylamine. The results of the surface water analyses are shown in the laboratory analytical report included in **Attachment B**. A summary of Clarkes Bayou surface water analytical results are presented in **Table 8**.

3.3.2 Sediment Sampling

On August 31, 2015, three discrete sediment samples (identified as sediment downstream, sediment point of discharge, and sediment upstream) were collected from Clarkes Bayou after collection of the surface water samples. Sediment samples were collected using a clamshell sampling device. The device was lowered into the sediment at the desired location to retrieve a sample. Excess water was removed from the sampling device through drainage ports, and the sample was collected from the reservoir. Sample equipment was decontaminated before collection activities were initiated and between each collection point to prevent cross contamination. In addition, nitrile gloves were used while handling sediment samples and sampling equipment. Sediment samples were placed in new, laboratory-supplied, pre-preserved containers (if applicable), labeled with an identification number, and placed on ice in a cooler pending shipment to the analytical laboratory. Sediment samples were packed with ice and shipped, accompanied by chain-of-custody documentation to TestAmerica for analytical testing.

Sediment samples collected from Clarkes Bayou were analyzed for VOCs using EPA Method 8260C and SVOCs using EPA Method 8270D, including 2,4-dinitrotoluene, 2,6-dinitrotoluene, di-n-butylpthalate, and diphenylamine. The results of the sediment analyses are shown in the laboratory analytical report included in **Attachment B**. A summary of Clarkes Bayou sediment analytical results are presented in **Table 9**.

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3.3.3 Clarkes Bayou Sample Location Survey

Upon completion of the surface water and sediment sampling, each Clarkes Bayou collection point was plotted utilizing a portable Garmin GPSMAP 62S hand held unit to determine the latitude and longitude coordinates to the nearest one-hundredth of a second (0.01 second) for future field identification. The latitude and longitude coordinates for the Clarkes Bayou sample locations are summarized in **Table 2**.

4.0 QUALITY ASSURANCE/QUALITY CONTROL SAMPLING

Quality Assurance/Quality Control (QA/QC) samples were collected and analyzed in conjunction with the soil and water samples collected during the Baseline Environmental Site Investigation. Soil and water duplicates, matrix spike and matrix spike duplicates (MS/MSD), equipment rinsates, field blanks, and trip blank QA/QC samples were collected in accordance with the Revised QASP – Soil and Water. QA/QC samples collected in accordance with the Revised QASP – Soil and Water included:

- Duplicate samples were collected at a frequency of one per ten field samples per matrix;
- MS/MSD samples were collected at a frequency of one per ten field samples per matrix;
- Rinsate samples were collected at a frequency of one per day during field sampling activities;
- Field blanks were collected at a frequency of one per day during field sampling activities; and
- Trip blanks were analyzed at a frequency of one per cooler containing samples for volatiles analysis.

Field and laboratory QA/QC results are shown in the laboratory analytical reports included in **Attachment B**. Duplicate sample analytical results are included on **Tables 1, 4, 7, and 9**.

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5.0 INVESTIGATIVE DERIVED WASTES

Investigative derived wastes (IDW) generated during the Baseline Sampling Event was segregated and containerized in 55-gallon and 85-gallon steel drums; properly labeled; and stored in a designated holding area at the Camp Minden Area I M6 Destruction Site for management by ESI. IDW included soil cuttings generated during advancement of the boreholes; soil cuttings generated during drilling of the monitoring wells; groundwater collected from the monitoring wells during well development and sampling activities; equipment decontamination water; and potentially non-hazardous disposable materials (nitrile gloves, paper towels, trash bags, etc). A total of 12 drums containing soil IDW; 7 drums containing purge/waste water; and 4 drums containing potentially non-hazardous disposable debris/waste were generated. Once IDW is disposed, documentation of IDW disposal should be archived with the project records.

6.0 DATA EVALUATION

Included in this section are discussions of the soil conditions and analytical results from the Area I surface soil samples; soil conditions and soil and groundwater analytical results from the Area I perimeter soil borings/monitor wells; Clarkes Bayou surface water analytical results; and Clarkes Bayou sediment analytical results. Soil and water analytical results from the Baseline Environmental Site Investigation were compared to the applicable Screening Level as determined by the Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP), Screening Standards (dated October 2003), and the USEPA Regional Screening Level (RSL) Summary Table (revised June 2015).

Laboratory analytical results were reported down to the method detection limit (MDL). However, MDLs are greater than the established Screening Levels for some of the constituents analyzed. Acetone was detected in samples at a level below the reporting limit and may be attributed to laboratory contamination. Laboratory explanations are provided in the narrative sections of the TestAmerica analytical laboratory reports (160-13469-1, 160-13469-2, 160-13510-1, and 160-13617-1) provided in **Attachment B**.

6.1 AREA I SURFACE

6.1.1 AREA I SURFACE SOIL CONDITIONS

Based upon the boring logs for surface soil direct push borings, general soil conditions observed consisted of a Silty Clay from the ground surface to the total borehole depth of 2 feet bgs. Oxidized and iron lenses were observed throughout the site in the Silty Clay soils as seen by reddish orange soil particles and black nodules.

6.1.2 AREA I SURFACE SOIL ANALYTICAL RESULTS

The Area I surface soil sample analytical results for the Baseline Environmental Site Investigation are shown on **Table 1** for Nitroaromatics and Nitramines, VOCs, SVOCs, RCRA Metals, Dioxins and Furans, Nitrocellulose, TPH-DRO, and TPH-GRO. The Screening Levels established for Area I surface soils are also shown on **Table 1** and were established based upon the following:

- The most conservative LDEQ, RECAP Screening Standard of the soil for industrial use (SSi) and the soil concentration protective of groundwater (SSGW) was determined as the Screening Level for VOCs, SVOCs, RCRA Metals, TPH-DRO, and TPH-GRO.
- The EPA, RSL for industrial soil was determined as the Screening Level for Nitroaromatics and Nitramines; Di-n-butyl phthalate and Diphenylamine (SVOCs); and Nitrocellulose.
- The EPA, RSL for industrial soil was determined as the Screening Level for 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin (TCDD). The 2005 World Hospital Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors (TEFs) for Dioxins and Dioxin like compounds were used to calculate the total TCDD Toxic Equivalent (TEQ) in each medium. Total TEQs in each medium were compared to the Screening Level for TCDD.

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As shown on **Table 1**, Arsenic was the only constituent reported above the Screening Level (12 mg/kg) established for the Area I surface soils. Arsenic was detected in one surface soil sample (grid location O-0.2) at 17 mg/kg. Soil sample O-0.2 was reanalyzed to confirm the laboratory results and the result was 3.2 mg/kg which is below the Screening Level of 12 mg/kg. The laboratory noted the sample was non-homogenous which could cause the difference in the results. Arsenic concentrations are provided on **Figure 5**. No other RCRA Metals exceeded the applicable Screening Level in the Area I surface soil samples. As shown on **Table 1**, Nitroaromatics and Nitramines, VOCs, Nitrocellulose, Dioxins and Furans, TPH-DRO, and TPH-GRO concentrations were not detected in Area I surface soil samples above the established Screening Levels. However, the laboratory MDL for Aniline was greater than the established Screening Level for the Area I surface soils. No other SVOC constituents exceeded the established Screening Levels for the Area I surface soils.

6.2 AREA I PERIMETER

6.2.1 AREA I PERIMETER SOIL CONDITIONS

Based upon the boring logs for the perimeter soil direct push borings (identified as SB-1 through SB-6), general soil conditions observed consisted of a Silty Clay from the ground surface to a depth of 10 feet bgs; followed by a Sandy Silt to the total depth of the boreholes (30 feet bgs). Oxidized and iron lenses were observed throughout the site to the total depth of the borings (30 feet bgs) as seen by reddish orange soil particles and black nodules.

6.2.2 AREA I PERIMETER SOIL ANALYTICAL RESULTS

The Area I perimeter soil sample analytical results for the Baseline Environmental Site Investigation are shown on **Table 4** for Nitroaromatics and Nitramines, VOCs, and SVOCs. The Screening Levels established for Area I perimeter soils are also shown on **Table 4** and were established based upon the following:

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- The most conservative LDEQ, RECAP Screening Standard of the soil for industrial use (SSi)
 and the soil concentration protective of groundwater (SSGW) was determined as the
 Screening Level for VOCs and SVOCs.
- The EPA, RSL for industrial soil was determined as the Screening Level for Nitroaromatics and Nitramines; and Di-n-butyl phthalate and Diphenylamine (SVOCs).

As shown on **Table 4**, Nitroaromatics and Nitramines and VOCs were not detected in the Area I perimeter soil samples submitted for laboratory analysis above the established Screening Levels. However, the laboratory MDL for Aniline was greater than the established Screening Level for the Area I perimeter soils. No other SVOC constituents exceeded the established Screening Levels for the Area I perimeter soils.

6.2.3 AREA I PERIMETER GROUNDWATER ANALYTICAL RESULTS

The Area I perimeter groundwater analytical results for the Baseline Environmental Site Investigation are shown on **Table 7** for Nitroaromatics and Nitramines, VOCs, and SVOCs. The Screening Levels established for Area I perimeter groundwater are also shown on **Table 7** and were established based upon the following:

- The Groundwater LDEQ, RECAP Screening Standard (GWSS) was determined as the Screening Level for VOCs and SVOCs.
- The EPA, RSL for tap water was determined as the Screening Level for Nitroaromatics and Nitramines; and Di-n-butyl phthalate and Diphenylamine (SVOCs).

As shown on **Table 7**, laboratory MDL's for 2-6 Dinitrotoluene, Nitroglycerin, 1,2-Dibromo-3-chloropropane, Benzo(a)pyrene, Hexachlorobutadiene, 2-Methylnaphthalene, and Pentachlorophenol were greater than the established Screening Levels for the Area I perimeter groundwater samples. No other Nitroaromatics and Nitramines, VOCs, and SVOCs constituents exceeded the established Screening Levels in the Area I perimeter groundwater samples.

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6.3 CLARKES BAYOU

6.3.1 SURFACE WATER ANALYTICAL RESULTS

The Clarkes Bayou surface water analytical results for the Baseline Environmental Site Investigation are shown on **Table 8** for VOCs and SVOCs. The Screening Levels established for Clarkes Bayou surface water are also shown on **Table 8** and were established based upon the following:

- The Groundwater LDEQ, RECAP Screening Standard (GWSS) was determined as the Screening Level for VOCs and SVOCs.
- The EPA, RSL for tap water was determined as the Screening Level for Di-n-butyl phthalate and Diphenylamine (SVOCs).

As shown on **Table 8**, laboratory MDL's for VOCs and SVOCs were greater than the established Screening Levels for 1,2-Dibromo-3-chloropropane, Benzo(a)pyrene, Hexachlorobutadiene, 2-Methylnaphthalene, and Pentachlorophenol for the Clarkes Bayou surface water. No other VOCs or SVOCs constituents exceeded the established Screening Levels in the Clarkes Bayou surface water samples.

6.3.2 SEDIMENT ANALYTICAL RESULTS

The Clarkes Bayou sediment analytical results for the Baseline Environmental Site Investigation are shown on **Table 9** for VOCs and SVOCs. The Screening Levels established for Clarkes Bayou sediment are also shown on **Table 9** and were established based upon the following:

• The most conservative LDEQ, RECAP Screening Standard of the soil for non-industrial use (SSni), soil for industrial use (SSi) and the soil concentration protective of groundwater (SSGW) was determined as the Screening Level for VOCs and SVOCs.

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• The EPA, RSL for non-industrial soil was determined as the Screening Level for Di-n-butyl

phthalate and Diphenylamine (SVOCs).

As shown on Table 9, VOCs were not detected in the Clarkes Bayou sediment samples submitted for

laboratory analysis above the established Screening Levels. However, the laboratory MDL for

Aniline was greater than the established Screening Level for the Clarkes Bayou sediment. No other

SVOC constituents exceeded the established Screening Levels for the Clarkes Bayou sediment

samples.

7.0 CONCLUSIONS

The Baseline Environmental Site Investigation was conducted to establish existing soil and

groundwater conditions in Area I and establish the sediment and surface water conditions in Clarkes

Bayou prior to commencement of the M6 Destruction Project. Due to the large size of Area I, the

site was divided into two areas for site investigation activities. The two areas are identified as Area I

surface and Area I perimeter. The conclusions developed upon completion of the Baseline

Environmental Site Investigation activities include the following:

• The general soil conditions observed in Area I consists of a Silty Clay from the ground

surface to a depth of 10 feet bgs; followed by a Sandy Silt to the total depth of the boreholes

(30 feet bgs). Oxidized and iron lenses were observed throughout the site to the total depth

of the borings (30 feet bgs) as seen by reddish orange soil particles and black nodules;

The depth to groundwater measured in monitoring wells MW-1 through MW-6 on August

31, 2015 ranged from 21.22 feet to 23.85 feet below the top of casing. Groundwater flow for

the August 31, 2015 measurement event was generally toward the south-southwest with an

average hydraulic gradient across the site of approximately 0.001 ft/ft;

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Area I Surface

- Arsenic was the only constituent reported above the Screening Level (12 mg/kg) established for the Area I surface soils. Arsenic was detected in one surface soil sample (grid location O-0.2) at 17 mg/kg. Soil sample O-0.2 was reanalyzed to confirm the laboratory results and the result was 3.2 mg/kg which is below the Screening Level of 12 mg/kg. The laboratory noted the sample was non-homogenous which could cause the difference in the results. No other RCRA Metals exceeded the applicable Screening Level in the Area I surface soil samples;
- Nitroaromatics and Nitramines, VOCs, Nitrocellulose, Dioxins and Furans, TPH-DRO, and TPH-GRO concentrations were not detected in Area I surface soil samples above the established Screening Levels. The laboratory MDL for Aniline was greater than the established Screening Level for the Area I surface soils. No other SVOC constituents exceeded the established Screening Levels for the Area I surface soils;

Area I Perimeter

- Nitroaromatics and Nitramines and VOCs were not detected in the Area I perimeter soil samples submitted for laboratory analysis above the established Screening Levels. The laboratory MDL for Aniline was greater than the established Screening Level for the Area I perimeter soils. No other SVOC constituents exceeded the established Screening Levels for the Area I perimeter soils;
- Laboratory MDL's for 2-6 Dinitrotoluene, Nitroglycerin, 1,2-Dibromo-3-chloropropane, Benzo(a)pyrene, Hexachlorobutadiene, 2-Methylnaphthalene, and Pentachlorophenol were greater than the established Screening Levels for the Area I perimeter groundwater samples.
 No other Nitroaromatics and Nitramines, VOCs, and SVOCs constituents exceeded the established Screening Levels in the Area I perimeter groundwater samples;

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Clarkes Bayou

- Laboratory MDL's for VOCs and SVOCs were greater than the established Screening Levels
 for 1,2-Dibromo-3-chloropropane, Benzo(a)pyrene, Hexachlorobutadiene, 2Methylnaphthalene, and Pentachlorophenol for the Clarkes Bayou surface water. No other
 VOCs or SVOCs constituents exceeded the established Screening Levels in the Clarkes
 Bayou surface water samples; and
- VOCs were not detected in the Clarkes Bayou sediment samples submitted for laboratory
 analysis above the established Screening Levels. However, the laboratory MDL for Aniline
 was greater than the established Screening Level for the Clarkes Bayou sediment. No other
 SVOC constituents exceeded the established Screening Levels for the Clarkes Bayou
 sediment samples.

8.0 RECOMMENDATIONS

The following recommendations for future actions are based on evaluation of the data presented within this Report:

- Implement quarterly groundwater monitoring and reporting of the Area I monitoring wells,
 MW-1 through MW-6 throughout the duration of the M6 Destruction Project in accordance with the Revised QASP Soil and Water; and
- Upon completion of the M6 Destruction Project, conduct a post M6 Destruction Project
 environmental site investigation in accordance with the Revised QASP Soil and Water to
 compare the soil, water, groundwater and sediment results to the Baseline Environmental
 Site Investigation data to determine site closeout and restoration of the site.

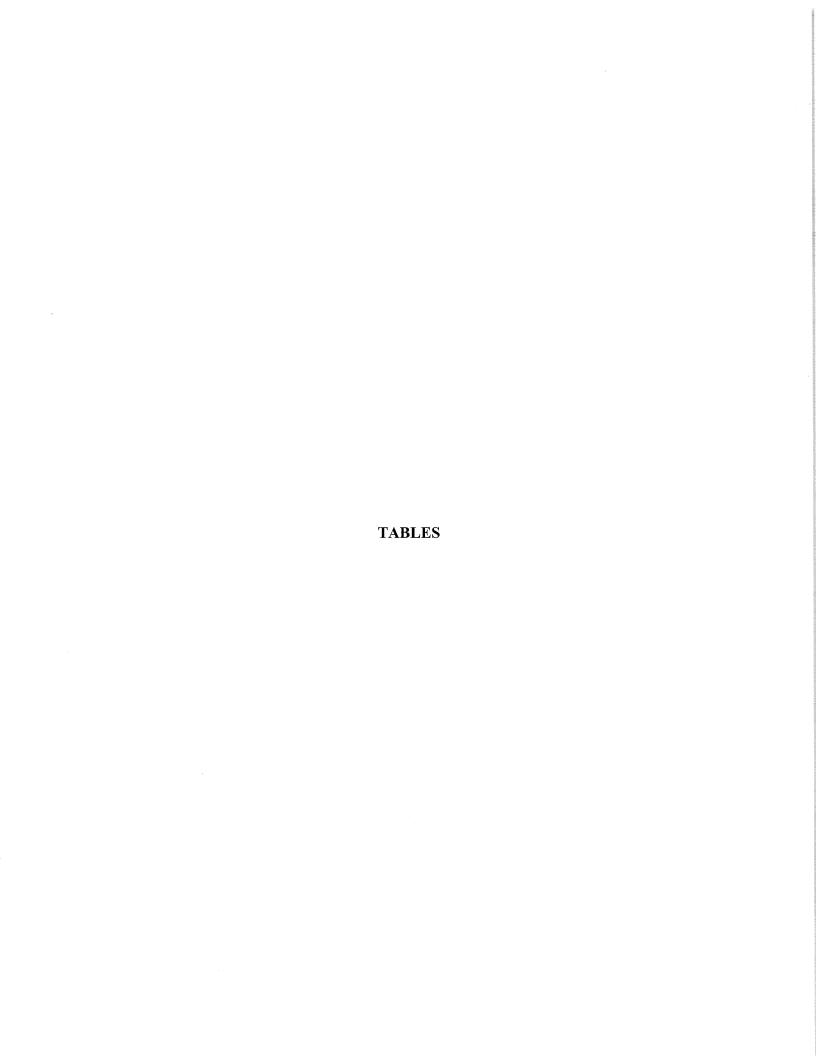


Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 1 of 5

| | | | | | Sample Id ¹ | 2015.08.17 A1 | 2015.08.17 A3 | 2015.08.17 A5 | 2015.08.17 A1.6 | 2015.08.18 B2.3 | 2015.08.17 C1 | 2015.08.17 C3 | 2015.08.17 C5 | 2015.08.17 C1.6 | 2015.08.17 E1 | 2015.08.17 E3 | 2015.08.17 E5 | 2015.08.18 E6.5 | Analytical Method |
|---|--|--|--|---|---|--|---|--|---|---|---|---|---|--|---|---|--|--|--|
| Analyte | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| Nitroaromatics and Nitramines | | | | | | | | | | | | | | | | | | | |
| Regional Screening Level Summary Table ² | Residential Soil | Industri | al Soil | Screening Level ² | | | | | | | | | | | | | | | |
| 1,3,5-Trinitrobenzene | 220,000 | 3,200, | ,000 | 3,200,000 | ug/kg | <25 | <25 | 27 | <26 | <25 | <26 | <27 | <27 | <27 | <25 | <27 | <26 | <25 | 8330B |
| 1,3-Dinitrobenzene | 630 | 8,20 | 00 | 8,200 | ug/kg | <40 | <39 | <43 | <42 | <39 | <41 | <43 | <43 | <43 | <40 | <43 | <42 | <40 | 8330B |
| 2,4,6-Trinitrotoluene | 3,600 | 51,0 | 00 | 51,000 | ug/kg | <33 | <32 | <36 | <34 | <32 | <33 | <35 | <36 | <36 | <33 | <35 | <34 | <32 | 8330B |
| 2,4-Dinitrotoluene | 1,700 | 7,40 | 00 | 7,400 | ug/kg | <35 | <34 | <38 | <36 | <34 | <35 | <37 | <38 | <38 | ⊲5 | <37 | <36 | <34 | 8330B |
| 2,6-Dinitrotoluene | 360 | 1,50 | 00 | 1,500 | ug/kg | <59 | <57 | <64 | <61 | <57 | <60 | <63 | <63 | <64 | <58 | <63 | <61 | <58 | 8330B |
| 2-Amino-4,6-dinitrotoluene | 15,000 | 230,0 | 000 | 230,000 | ug/kg | <40 | <38 | <43 | <41 | <39 | <40 | <42 | <43 | <43 | <39 | <42 | <41 | <39 | 8330B |
| 4-Amino-2,6-dinitrotoluene | 15,000 | 230,0 | 000 | 230,000 | ug/kg | <87 | <84 | <93 | <89 | <84 | <87 | <92 | <93 | <93 | <86 | <92 | <90 | <85 | 8330B |
| 3-Nitrotoluene | 630 | 8,20 | 00 | 8,200 | ug/kg | <52 | <50 | <55 | <53 | <50 | <52 | <55 | <55 | <55 | <51 | <55 | <54 | <51 | 8330B |
| Nitrobenzene | 5,100 | 22,0 | 00 | 22,000 | ug/kg | <40 | <39 | <43 | <41 | <39 | <40 | <43 | <43 | <43 | <40 | <43 | <42 | <39 | 8330B |
| Nitroglycerin | 630 | 8,20 | 00 | 8,200 | ug/kg | <250 | <240 | <270 | <260 | <240 | <250 | <270 | <270 | <270 | <250 | <270 | <260 | <250 | 8330B |
| 2-Nitrotoluene | 3,200 | 15,0 | 00 | 15,000 | ug/kg | <60 | <58 | <65 | <62 | <59 | <61 | <64 | <65 | <65 | <60 | <64 | <63 | <59 | 8330B |
| 4-Nitrotoluene | 25,000 | 140,0 | 000 | 140,000 | ug/kg | <75 | <73 | <81 | <78 | <73 | <76 | <80 | <81 | <81 | <75 | <80 | <78 | <74 | 8330B 8330B |
| Pentaerythritol Tetranitrate | 13,000 | 160,0 | 000 | 160,000 | ug/kg | <320 | <310 | <340 | <330 | <310 | <320 | <340 | <340 | <340 | <320 | <340 | <330 | <310 | 8330B |
| RDX | 6,100 | 28,0 | 00 | 28,000 | ug/kg | <58 | <56 | <62 | <60 | <56 | <58 | <61 | <62 | <62 | <57 | <62 | <60 | <57 | 8330B 8330B |
| HMX | 390,000 | 5,700, | .000 | 5,700,000 | ug/kg | <36 | <35 | <39 | <37 | <35 | <36 | <38 | <39 | <39 | <36 | <38 | <37 | <35 | |
| Tetryl | 16,000 | 230,0 | 000 | 230,000 | ug/kg | <43 | <41 | <46 | <44 | <41 | <43 | <45 | <46 | <46 | <42 | <45 | <44 | <42 | 8330B |
| Volatile Organic Compounds | | | | | | | | | | | -13 | 1 -10 | -10 | 140 | V42 | ~43 | N44 | V42 | 8330B |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 2,700 | 5,900 | 46 | 46 | ug/kg | <0.29 | <0.29 | <0.37 | <0.32 | <0.31 | <0.31 | <0.31 | < 0.30 | < 0.32 | <0.31 * | < 0.34 | <0.32 | <0.33 | 8260C |
| 1,1,1-Trichloroethane | 82,000 | 700,000 | 4,000 | 4,000 | ug/kg | <0.36 | <0.36 | <0.45 | <0.39 | <0.38 | <0.38 | <0.38 | <0.36 | < 0.39 | < 0.38 | < 0.41 | < 0.40 | <0.40 | 8260C |
| 1,1,2,2-Tetrachloroethane | 810 | 2,000 | 6 | 6 | ug/kg | <0.33 * | <0.33 | <0.42 | <0.37 * | < 0.35 | <0.36 * | <0.36 | <0.34 * | <0.37 * | <0.36 * | <0.38 * | < 0.37 | <0.37 | 8260C |
| 1,1,2-Trichloroethane | 1,900 | 4,300 | 58 | 58 | ug/kg | <0.47 | <0.48 | <0.60 | <0.52 | < 0.51 | <0.51 | < 0.51 | <0.48 | < 0.52 | <0.51 * | <0.55 | < 0.53 | <0.53 | 8260C |
| 1,1-Dichloroethane | 66,000 | 470,000 | 7,500 | 7,500 | ug/kg | <0.32 | < 0.33 | <0.41 | < 0.36 | < 0.35 | < 0.35 | < 0.35 | < 0.33 | < 0.36 | <0.35 | <0.38 | <0.36 | <0.36 | 8260C |
| 1,1-Dichloroethene | 13,000 | 91,000 | 85 | 85 | ug/kg | <1.3 | <1.3 | <1.7 | <1.5 | <1.4 | <1.4 | <1.4 | <1.4 | <1.5 | <1.4 | <1.5 | <1,5 | <1.5 | 8260C |
| 1,2-Dibromo-3-chloropropane | 180 | 1,600 | 10 | 10 | ug/kg | <1.2 * | <1.2 | <1.5 | <1.3 * | <1.3 | <1.3 * | <1.3 | <1.2 * | <1.3 * | <1.3 * | <1.4 * | <1.3 | <1.4 | 8260C |
| . a mi | 820 | * *** | | | | | | | 1.5 | 1.3 | 1.0 | 1.3 | | | | | 210 | | |
| 1,2-Dichloroethane | 820 | 1,800 | 35 | 35 | ug/kg | <0.72 | <0.73 | <0.92 | <0.80 | <0.77 | | <0.78 | | | | < 0.84 | < 0.80 | < 0.81 | 8260C |
| 1,2-Dichloropropane | 690 | 1,800 | 35 42 | | | <0.72 <0.32 | <0.73 <0.32 | | | | <0.78 | | <0.74 | <0.79 | <0.78 | <0.84 | <0.80 | <0.81 | 8260C 8260C |
| / | | 1 | | 35 | ug/kg | | | <0.92 | <0.80 | <0.77 | <0.78 <0.34 | <0.78 <0.34 | <0.74 <0.32 | <0.79 <0.35 | <0.78 <0.34 | <0.37 | <0.35 | <0.36 | 8260C |
| 1,2-Dichloropropane | 690 | 1,800 | 42 | 35 42 | ug/kg ug/kg | <0.32 | <0.32 | <0.92 <0.40 | <0.80 <0.35 | <0.77 <0.34 | <0.78 | <0.78 | <0.74 | <0.79 | <0.78 <0.34 <0.85 | | | <0.36 <0.89 | 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) | 690 3,100 | 1,800 10,000 | 42 40 | 35 42 40 | ug/kg ug/kg ug/kg | <0.32 <0.79 | <0.32 <0.79 | <0.92 <0.40 <1.0 | <0.80 <0.35 <0.87 | <0.77 <0.34 <0.84 | <0.78 <0.34 <0.85 <1.7 | <0.78 <0.34 <0.85 <1.7 | <0.74 <0.32 <0.81 <1.6 | <0.79 <0.35 <0.87 <1.8 | <0.78 <0.34 <0.85 <1.7 | <0.37 <0.91 <1.8 | <0.35 <0.88 <1.8 | <0.36 <0.89 <1.8 | 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) | 690 3,100 590,000 | 1,800 10,000 4,400,000 | 42 40 5,000 | 35 42 40 5,000 | ug/kg ug/kg ug/kg ug/kg | <0.32 <0.79 <1.6 | <0.32 <0.79 <1.6 | <0.92 <0.40 <1.0 <2.0 | <0.80 <0.35 <0.87 <1.8 <0.67 | <0.77 <0.34 <0.84 <1.7 <0.65 | <0.78 <0.34 <0.85 <1.7 <0.65 | <0.78 <0.34 <0.85 <1.7 <0.65 | <0.74 <0.32 <0.81 <1.6 <0.62 | <0.79 <0.35 <0.87 <1.8 <0.67 | <0.78 <0.34 <0.85 <1.7 <0.65 * | <0.37 <0.91 <1.8 <0.70 | <0.35 <0.88 <1.8 <0.67 | <0.36 <0.89 <1.8 <0.68 | 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) | 690 3,100 590,000 450,000 | 1,800 10,000 4,400,000 3,100,000 | 42 40 5,000 6,400 | 35 42 40 5,000 6,400 | ug/kg ug/kg ug/kg ug/kg ug/kg | <0.32 <0.79 <1.6 <0.61 | <0.32 <0.79 <1.6 <0.61 | <0.92 <0.40 <1.0 <2.0 <0.77 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 | <0.79 <0.35 <0.87 <1.8 <0.67 12 J | <0.78 <0.34 <0.85 <1.7 <0.65 * | <0.37 <0.91 <1.8 <0.70 <6.2 | <0.35 <0.88 <1.8 <0.67 14 J | <0.36 <0.89 <1.8 <0.68 | 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone | 690 3,100 590,000 450,000 170,000 | 1,800 10,000 4,400,000 3,100,000 1,400,000 | 42 40 5,000 6,400 1,500 | 35 42 40 5,000 6,400 1,500 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <0.32 <0.79 <1.6 <0.61 <5.4 | <0.32 <0.79 <1.6 <0.61 <5.4 | <0.92 <0.40 <1.0 <2.0 <0.77 <6.8 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J <0.23 | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 <0.22 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 <0.21 | <0.79 <0.35 <0.87 <1.8 <0.67 12 J <0.23 | <0.78 <0.34 <0.85 <1.7 <0.65 * <5.8 <0.22 | <0.37 <0.91 <1.8 <0.70 <6.2 <0.24 | <0.35 <0.88 <1.8 <0.67 14 J <0.23 | <0.36 <0.89 <1.8 <0.68 100 <0.23 | 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene | 690 3,100 590,000 450,000 170,000 1,500 | 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 | 42 40 5,000 6,400 1,500 51 | 35 42 40 5,000 6,400 1,500 51 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 | <0.92 <0.40 <1.0 <2.0 <0.77 <6.8 <0.26 <0.26 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J <0.23 <0.23 | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 <0.22 <0.22 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 <0.21 <0.21 | <0.79 <0.35 <0.87 <1.8 <0.67 12 J <0.23 <0.23 | <0.78 <0.34 <0.85 <1.7 <0.65 * <5.8 <0.22 <0.22 | <0.37 <0.91 <1.8 <0.70 <6.2 <0.24 <0.24 | <0.35 <0.88 <1.8 <0.67 14 J <0.23 <0.23 | <0.36 <0.89 <1.8 <0.68 100 <0.23 <0.23 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane | 690 3,100 590,000 450,000 170,000 1,500 1,800 | 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 | 42 40 5,000 6,400 1,500 51 920 | 35 42 40 5,000 6,400 1,500 51 920 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 | <0.92 <0.40 <1.0 <2.0 <0.77 <6.8 <0.26 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J <0.23 <0.23 <0.34 * | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 <0.22 <0.22 <0.33 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 * | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 <0.21 <0.21 <0.31 * | <0.79 <0.35 <0.87 <1.8 <0.67 12 J <0.23 <0.23 <0.34 * | <0.78 <0.34 <0.85 <1.7 <0.65 * <5.8 <0.22 <0.22 <0.33 * | <0.37 <0.91 <1.8 <0.70 <6.2 <0.24 <0.24 <0.36 * | <0.35 <0.88 <1.8 <0.67 14 J <0.23 <0.23 <0.34 | <0.36 <0.89 <1.8 <0.68 100 <0.23 <0.23 <0.35 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform | 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 | 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 | 42 40 5,000 6,400 1,500 51 920 1,800 | 35 42 40 5,000 6,400 1,500 51 920 1,800 | ug/kg | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 * | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 | <0.92 <0.40 <1.0 <2.0 <0.77 <6.8 <0.26 <0.26 <0.39 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J <0.23 <0.23 <0.34 * | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 <0.22 <0.22 <0.33 <0.97 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 * <0.98 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 <0.98 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 <0.21 <0.21 <0.31 * | <0.79 <0.35 <0.87 <1.8 <0.67 12 J <0.23 <0.23 <0.34 * | <0.78 <0.34 <0.85 <1.7 <0.65 * <5.8 <0.22 <0.22 <0.23 * <0.98 | <0.37 <0.91 <1.8 <0.70 <6.2 <0.24 <0.24 <0.36 * | <0.35 <0.88 <1.8 <0.67 14 J <0.23 <0.23 <0.23 <0.34 <1.0 | <0.36 <0.89 <1.8 <0.68 100 <0.23 <0.23 <0.35 <1.0 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane | 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 | 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 | 42 40 5,000 6,400 1,500 51 920 1,800 40 | 35 42 40 5,000 6,400 1,500 51 920 1,800 40 | ug/kg | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 * <0.91 <0.57 | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 <0.92 | <0.92 <0.40 <1.0 <2.0 <0.77 <6.8 <0.26 <0.26 <0.39 <1.2 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J <0.23 <0.23 <0.34 * <1.0 <0.63 | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 <0.22 <0.22 <0.33 <0.97 <0.61 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 * <0.98 <0.62 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 <0.98 <0.62 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 <0.21 <0.21 <0.31 * <0.93 <0.59 | <0.79 <0.35 <0.87 <1.8 <0.67 12 J <0.23 <0.23 <0.34 * <1.0 <0.63 | <0.78 <0.34 <0.85 <1.7 <0.65 * <5.8 <0.22 <0.22 <0.33 * <0.98 <0.62 | <0.37 <0.91 <1.8 <0.70 <6.2 <0.24 <0.24 <0.36 * <1.1 <0.66 | <0.35 <0.88 <1.8 <0.67 14 J <0.23 <0.23 <0.23 <0.34 <1.0 <0.64 | <0.36 <0.89 <1.8 <0.68 100 <0.23 <0.23 <0.35 <1.0 <0.65 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide | 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 | 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 | 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 | 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 | ug/kg | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 * <0.91 <0.57 <0.42 | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 <0.92 <0.58 <0.43 | <0.92 <0.40 <1.0 <2.0 <0.77 <6.8 <0.26 <0.26 <0.39 <1.2 <0.73 <0.54 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J <0.23 <0.23 <0.23 <0.34 * <1.0 <0.63 <0.47 | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 <0.22 <0.22 <0.23 <0.97 <0.61 <0.45 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.23 <0.98 <0.62 <0.46 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.22 <0.33 <0.98 <0.62 <0.46 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 <0.21 <0.21 <0.31 * <0.93 <0.59 <0.43 | <0.79 <0.35 <0.87 <1.8 <0.67 12 J <0.23 <0.23 <0.34 * <1.0 <0.63 <0.47 | <0.78 <0.34 <0.85 <1.7 <0.65 * <5.8 <0.22 <0.22 <0.33 * <0.98 <0.62 <0.46 | <0.37 <0.91 <1.8 <0.70 <6.2 <0.24 <0.24 <0.36 * <1.1 <0.66 <0.49 | <0.35 <0.88 <1.8 <0.67 14 J <0.23 <0.23 <0.23 <0.34 <1.0 <0.64 <0.47 | <0.36 <0.89 <1.8 <0.68 100 <0.23 <0.23 <0.35 <1.0 <0.65 <0.48 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride | 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 | 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 | 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 | 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 | ug/kg | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 * <0.91 <0.57 <0.42 <0.32 | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 <0.92 <0.58 <0.43 <0.32 | <0.92 <0.40 <1.0 <2.0 <0.77 <6.8 <0.26 <0.26 <0.39 <1.2 <0.73 <0.54 <0.40 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J <0.23 <0.23 <0.34 * <1.0 <0.63 <0.47 <0.35 | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 <0.22 <0.22 <0.33 <0.97 <0.61 <0.45 <0.34 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 * <0.98 <0.62 <0.46 <0.34 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.22 <0.33 <0.98 <0.62 <0.46 <0.34 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 <0.21 <0.31 * <0.93 <0.59 <0.43 <0.32 | <0.79 <0.35 <0.87 <1.8 <0.67 12 J <0.23 <0.23 <0.34 * <1.0 <0.63 <0.47 <0.35 | <0.78 <0.34 <0.85 <1.7 <0.65 * <5.8 <0.22 <0.22 <0.33 * <0.98 <0.62 <0.46 <0.34 * | <0.37 <0.91 <1.8 <0.70 <6.2 <0.24 <0.24 <0.36 * <1.1 <0.66 <0.49 <0.37 | <0.35 <0.88 <1.8 <0.67 14 J <0.23 <0.23 <0.24 <1.0 <0.64 <0.47 <0.35 | <0.36 <0.89 <1.8 <0.68 100 <0.23 <0.23 <0.35 <1.0 <0.65 <0.48 <0.36 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene | 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 17,000 | 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 120,000 | 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 | 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 | ug/kg | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 * <0.91 <0.57 <0.42 <0.32 <0.34 | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 <0.92 <0.58 <0.43 <0.32 <0.34 | <0.92 <0.40 <1.0 <2.0 <0.77 <6.8 <0.26 <0.26 <0.39 <1.2 <0.73 <0.54 <0.40 <0.43 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J <0.23 <0.23 <0.23 <0.47 <1.0 <0.63 <0.47 <0.35 <0.38 | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 <0.22 <0.22 <0.33 <0.97 <0.61 <0.45 <0.34 <0.36 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.22 <0.33 * <0.62 <0.46 <0.34 <0.37 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 <0.98 <0.62 <0.46 <0.34 <0.37 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 <0.21 <0.21 <0.31 * <0.93 <0.59 <0.43 <0.32 <0.35 | <0.79 <0.35 <0.87 <1.8 <0.67 12 J <0.23 <0.23 <0.34 * <1.0 <0.63 <0.47 <0.35 <0.37 | <0.78 <0.34 <0.85 <1.7 <0.65 * <5.8 <0.22 <0.22 <0.33 * <0.98 <0.62 <0.46 <0.34 * <0.37 * | <0.37 <0.91 <1.8 <0.70 <6.2 <0.24 <0.24 <0.36 * <1.1 <0.66 <0.49 <0.37 <0.39 | <0.35 <0.88 <1.8 <0.67 14 J <0.23 <0.23 <0.34 <1.0 <0.64 <0.47 <0.35 <0.38 | <0.36 <0.89 <1.8 <0.68 100 <0.23 <0.23 <0.35 <1.0 <0.65 <0.48 <0.36 <0.38 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene Dibromochloromethane (chlorodibromomethane) | 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 17,000 2,200 | 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 120,000 5,400 | 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 1,000 | 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 | ug/kg | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 * <0.91 <0.57 <0.42 <0.32 | <0.32 <0.79 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 <0.92 <0.58 <0.43 <0.32 | <0.92 <0.40 <1.0 <2.0 <0.77 <6.8 <0.26 <0.26 <0.39 <1.2 <0.73 <0.54 <0.40 | <0.80 <0.35 <0.87 <1.8 <0.67 8.9 J <0.23 <0.23 <0.34 * <1.0 <0.63 <0.47 <0.35 | <0.77 <0.34 <0.84 <1.7 <0.65 <5.7 <0.22 <0.22 <0.33 <0.97 <0.61 <0.45 <0.34 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 * <0.98 <0.62 <0.46 <0.34 | <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.22 <0.33 <0.98 <0.62 <0.46 <0.34 | <0.74 <0.32 <0.81 <1.6 <0.62 <5.5 <0.21 <0.31 * <0.93 <0.59 <0.43 <0.32 | <0.79 <0.35 <0.87 <1.8 <0.67 12 J <0.23 <0.23 <0.34 * <1.0 <0.63 <0.47 <0.35 | <0.78 <0.34 <0.85 <1.7 <0.65 * <5.8 <0.22 <0.22 <0.33 * <0.98 <0.62 <0.46 <0.34 * | <0.37 <0.91 <1.8 <0.70 <6.2 <0.24 <0.24 <0.36 * <1.1 <0.66 <0.49 <0.37 | <0.35 <0.88 <1.8 <0.67 14 J <0.23 <0.23 <0.24 <1.0 <0.64 <0.47 <0.35 | <0.36 <0.89 <1.8 <0.68 100 <0.23 <0.23 <0.35 <1.0 <0.65 <0.48 <0.36 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 2 of 5

| | | | | | Sample Id ¹ | 2015.08.17 A1 | 2015.08.17 A3 | 2015.08.17 A5 | 2015.08.17 A1.6 | 2015.08.18 B2.3 | 2015.08.17 C1 | 2015.08.17 C3 | 2015.08.17 C5 | 2015.08.17 C1.6 | 2015.08.17 E1 | 2015.08.17 E3 | 2015.08.17 E5 | 2015.08.18 E6.5 | Analytical Method |
|---|-----------|------------|-----------|---------------------------------|------------------------|------------------|------------------|------------------|--------------------|--------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|--------------------|----------------------|
| Analyte | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Oual | Result Qual | Result Qual | Result Qual | Result Oual | |
| cis-1,2-Dichloroethene | 4,800 | 34,000 | 490 | 490 | ug/kg | <0.50 | <0.50 | <0.63 | <0.55 | <0.53 | <0.54 | <0.54 | <0.51 | <0.55 | <0.54 | <0.58 | <0.55 | <0.56 | 8260C |
| Ethyl benzene | 160,000 | 230,000 | 19,000 | 19,000 | ug/kg | < 0.25 | <0.25 | <0.32 | <0.27 | <0.27 | <0.27 | <0.27 | <0.25 | 0.54 J | <0.27 * | <0.29 | <0.28 | <0.28 | 8260C |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 5,500 | ug/kg | <0.56 * | <0.57 | <0.72 | <0.62 * | < 0.60 | <0.61 * | <0.61 | <0.58 * | <0.62 * | <0.61 * | <0.65 * | <0.63 | <0.64 | 8260C |
| Isobutylalcohol | 730,000 | 6,200,000 | 30,000 | 30,000 | ug/kg | <21 | <21 | <27 | <23 | <23 | <23 | <23 | <22 | <23 | <23 | <24 | <23 | <24 | 8260C |
| Methyl tert-butyl ether (MTBE) | 650,000 | 4,700,000 | 77 | 77 | ug/kg | <0.40 | <0.40 | <0.51 | < 0.44 | <0.43 | <0.43 | <0.43 | <0.41 | <0.44 | <0.43 | <0.46 | <0.44 | <0.45 | 8260C |
| Methylene Chloride | 19,000 | 44,000 | 17 | 17 | ug/kg | <1.3 | <1.3 | <1.7 | <1.4 | <1.4 | <1.4 | <1.4 | <1.3 | <1.4 | <1.4 | <1.5 | <1.5 | <1.5 | 8260C |
| Styrene | 500,000 | 1,700,000 | 11,000 | 11,000 | ug/kg | <0.29 | <0.29 | <0.37 | < 0.32 | <0.31 | <0.31 | <0.31 | <0.30 | <0.32 | <0.31 * | <0.34 | <0.32 | <0.33 | 8260C |
| Tetrachloroethene (tetrachloroethylene) | 8,300 | 35,000 | 180 | 180 | ug/kg | <0.27 | <0.27 | <0.34 | <0.29 | <0.28 | <0.29 | <0.29 | <0.27 | <0.29 | <0.29 * | <0.31 | <0.30 | <0.30 | 8260C |
| Toluene | 68,000 | 470,000 | 20,000 | 20,000 | ug/kg | <0.58 | <0.58 | < 0.74 | < 0.64 | <0.62 | <0.63 | <0.63 | <0.59 | <0.64 | <0.63 * | <0.67 | <0.65 | <0.65 | 8260C |
| trans-1,2-Dichloroethene | 6,900 | 48,000 | 770 | 770 | ug/kg | <0.78 | <0.79 | <0.99 | <0.86 | <0.83 | <0.84 | <0.84 | <0.80 | <0.86 | <0.84 | <0.90 | <0.87 | <0.88 | 8260C 8260C |
| Trichloroethene | 100 | 210 | 73 | 73 | ug/kg | <0.32 | <0.33 | <0.41 | <0.36 | <0.35 | <0.35 | <0.35 | <0.33 | <0.36 | <0.35 | <0.38 | <0.36 | <0.36 | 8260C 8260C |
| Trichlorofluoromethane | 38,000 | 260,000 | 37,000 | 37,000 | ug/kg | <0.42 | <0.42 | <0.53 | <0.46 | <0.44 | <0.45 | <0.45 | <0.42 | <0.46 | <0.45 | <0.48 | <0.46 | <0.47 | 8260C 8260C |
| Vinyl Chloride | 240 | 790 | 13 | 13 | ug/kg | <0.36 | <0.36 | <0.45 | <0.39 | <0.38 | <0.38 | <0.38 | <0.36 | <0.39 | <0.38 | <0.41 | <0.40 | <0.40 | |
| Xylenes (total) | 18,000 | 120,000 | 150,000 | 120,000 | ug/kg | <0.71 | <0.71 | <0.90 | <0.78 | <0.75 | 0.78 J | <0.76 | <0.72 | 7.4 J | <0.76 * | 0.86 J | <0.40 | <0.79 | 8260C |
| Semivolatile Organic Compounds | | 1 | 1 200,000 | 120,000 | 1 45.45 | 0.71 | -0.71 | 10.50 | -0.70 | ~0.75 | 0.76 | NO.70 | N.72 | 7.4 3 | 0.70 | U.80 D | <0.79 | <0.79 | 8260C |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| 1,1 Biphenyl | 230,000 | 230,000 | 190,000 | 190,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | 1 00 1 | 92700 |
| 1,2,4,5-Tetrachlorobenzene | 1,200 | 12,000 | 6,900 | 6,900 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 1.2.4-Trichlorobenzene | 66,000 | 1,200,000 | 14,000 | 14,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | | <39 | 8270D |
| 1.2-Dichlorobenzene | 99,000 | 380,000 | 29,000 | 29,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | | - | | <40 | <39 | 8270D |
| 1.3-Dichlorobenzene | 2,100 | 18,000 | 2,100 | 2,100 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 <41 | <43 | <40 | <39 | 8270D |
| 1.3-Dinitrobenzene | 450 | 5,000 | 250 | 250 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | | <43 | <40 | <39 | 8270D |
| 1.4-Dichlorobenzene | 6,700 | 16,000 | 5,700 | 5,700 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2,3,4,6-Tetrachlorophenol | 140,000 | 1,400,000 | 31,000 | 31,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2,4,5-Trichlorophenol | 530,000 | 6,600,000 | 320,000 | 320,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2,4,6-Trichlorophenol | 40,000 | 170,000 | 1,300 | 1,300 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2,4-Dichlorophenol | 16,000 | 200,000 | 12,000 | 12,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2,4-Dimethylphenol | 93,000 | 1,100,000 | 20,000 | 20,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2,4-Dinitrophenol | 7,100 | 69,000 | 1,700 | 1,700 | ug/kg | <400 * | <390 * | <450 * | <420 * | <400 * | <420 * | <410 * | <41 <400 * | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2,4-Dinitrotoluene | 8,900 | 98,000 | 1,000 | 1,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <420 | | | <400 * | <410 * | <420 * | <400 * | <390 * | 8270D |
| 2,6-Dinitrotoluene | 4,300 | 46,000 | 390 | 390 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2-Chloronaphthalene | 500,000 | 8,300,000 | 500,000 | 500,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | | | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2-Chlorophenol | 15,000 | 140,000 | 1,400 | 1,400 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2-Methylnaphthalene | 22,000 | 170,000 | 1,700 | 1,700 | ug/kg | <40 | <39 | <45 | | | | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 2-Nitroaniline | 1,700 | 1,700 | 1,700 | 1,700 | ug/kg | <40 | <39 | <45 | <42 <42 | <40 <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 3.3-Dichlorobenzidine | 970 | 4,200 | 1,800 | 1,800 | ug/kg | <400 | <390 | <450 | <420 | <400 | <42 <420 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 3-Nitroaniline | 13,000 | 140,000 | 1,700 | 1,700 | ug/kg | <400 | <39 | <45 | <420 | <400 | | <410 | <400 | <400 | <410 | <420 | <400 | <390 | 8270D |
| 4-Nitroaniline | 10,000 | 100,000 | 1,700 | 1,700 | ug/kg | <400 | <390 | <450 | <420 | <400 | <42 <420 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| 4-Nitrophenol | 32,000 | 330,000 | 2,600 | 2,600 | ug/kg | <400 | <390 | <450 | <420 | <400 | - | <410 | <400 | <400 | <410 | <420 | <400 | <390 | 8270D |
| Acenaphthene | 370,000 | 6,100,000 | 220,000 | 220,000 | ug/kg | <400 | <39 | <450 | <420 | | <420 | <410 | <400 | <400 | <410 | <420 | <400 | <390 | 8270D |
| Acenaphthylene | 350,000 | 5,100,000 | 88,000 | 88,000 | ug/kg | <40 | <39 | <45 | <42 | <40 <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Aniline | 2,400 | 17,000 | 65 | 65 | | <72 | | | | | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Anthracene | 2,200,000 | 48,000,000 | 120,000 | 120,000 | ug/kg ug/kg | <40 | <70 <39 | <81 | <76 | <72 | <75 | <75 | <73 | <73 | <74 | <77 | <72 | <71 | 8270D |
| Benz(a)anthracene | 620 | 2,900 | 330,000 | 2,900 | | <40 | | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Benzo(a)pyrene | 330 | 330 | 23,000 | 330 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Benzo(b)fluoranthene | 620 | 2,900 | | | ug/kg | | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Delizo()/Indorantifette | 020 | 2,900 | 220,000 | 2,900 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 3 of 5

| | | | | | Sample Id ¹ | 2015.08.17 A1 | 2015.08.17 A3 | 2015.08.17 A5 | 2015.08.17 A1.6 | 2015.08.18 B2.3 | 2015.08.17 C1 | 2015.08.17 C3 | 2015.08.17 C5 | 2015.08.17 C1.6 | 2015.08.17 E1 | 2015.08.17 E3 | 2015.08.17 E5 | 2015.08.18 E6.5 | Analytical Method |
|--|------------------|------------|------------|---------------------------------|---------------------------|------------------|------------------|------------------|--------------------|--------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|--------------------|----------------------|
| Analyte | | | | | Units | Result Qua | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| Benzo(k)fluoranthene | 6,200 | 29,000 | 120,000 | 29,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Bis(2-chlorisopropyl)ether | 4,900 | 17,000 | 800 | 800 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Bis(2-chloroethyl)ether | 330 | 1,100 | 330 | 330 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <42 | <41 | <41 | <41 | <43 | <40 | <40 | 8270D |
| Bis(2-ethylhexyl)phthalate | 35,000 | 170,000 | 79,000 | 79,000 | ug/kg | <54 | <53 | <62 | <57 | <55 | <57 | <56 | <55 | <55 | <56 | <58 | <55 | <54 | 8270D |
| Butyl benzyl phthalate | 220,000 | 220,000 | 220,000 | 220,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Chrysene | 62,000 | 290,000 | 76,000 | 76,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Dibenz(a,h)anthracene | 330 | 330 | 540,000 | 330 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Dibenzofuran | 29,000 | 150,000 | 24,000 | 24,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Diethyl phthalate | 670,000 | 670,000 | 360,000 | 360,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Dimethyl phthalate | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Di-n-octyl phthalate | 240,000 | 3,500,000 | 10,000,000 | 3,500,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Fluoranthene | 220,000 | 2,900,000 | 1,200,000 | 1,200,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Fluorene | 280,000 | 5,400,000 | 230,000 | 230,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D 8270D |
| Hexachlorobenzene | 340 | 2,000 | 9,600 | 2,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D 8270D |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 5,500 | ug/kg | <40 | <39 | <45 | <42 | <40 * | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 * | 8270D 8270D |
| Hexachlorocyclopentadiene | 1,400 | 9,400 | 1,200,000 | 9,400 | ug/kg | <400 | <390 | <450 | <420 | <400 | <420 | <410 | <400 | <400 | <410 | <420 | <400 | <390 | 8270D 8270D |
| Hexachloroethane | 5,200 | 68,000 | 2,200 | 2,200 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <400 | - | |
| Indeno(1,2,3-cd)pyrene | 620 | 2,900 | 9,200 | 2,900 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Isophorone | 340,000 | 1,100,000 | 560 | 560 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Naphthalene | 6,200 | 43,000 | 1,500 | 1,500 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | | <39 | 8270D |
| Nitrobenzene | 2,200 | 25,000 | 330 | 330 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | | <40 | <39 | 8270D |
| N-Nitrosodi-n-propylamine | 330 | 330 | 330 | 330 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Pentachlorophenol | 2,800 | 9,700 | 1,700 | 1,700 | ug/kg | <400 | <390 | <450 | <420 | <400 | <420 | <410 | <400 | <400 | | <43 | <40 | <39 | 8270D |
| Phenanthrene | 2,100,000 | 43,000,000 | 660,000 | 660,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | <41 | <410 | <420 | <400 | <390 | 8270D |
| Phenol | 1,300,000 | 15,000,000 | 11,000 | 11,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 | | <41 | <43 | <40 | <39 | 8270D |
| Pyrene | 230,000 | 5,600,000 | 1,100,000 | 1,100,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | | <41 | <41 | <43 | <40 | <39 | 8270D |
| N-Nitrosodiphenylamine | 90,000 | 400,000 | 2,100 | 2,100 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | <41 | <41 <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Regional Screening Level Summary Table ² | Residential Soil | Industr | | Screening Level ² | 49.45 | 1 - 10 | 57 | 100 | 42 | V40 | V4Z | N41 | N41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| Di-n-butyl phthalate | 630,000 | 8,200 | 0.000 | 8,200,000 | ug/kg | <40 | <39 | <45 | <42 | <40 | <42 | 211 | | -41 | | -42 | -10 | | |
| Diphenylamine | 160,000 | 2,100 | | 2,100,000 | ug/kg | <40 * | <39 * | <45 * | <42 * | <40 | <42 * | <41 * | <41 | <41 | <41 | <43 | <40 | <39 | 8270D |
| RCRA Metals | 1 | | ,,,,,, | 2,200,000 | ll abye | ~10. | 57 | V43 | V4Z | V40 | N42 | (41 | <41 * | <41 * | <41 * | <43 * | <40 * | <39 | 8270D |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | -3 | | | | | | | |
| Arsenic | 12 | 12 | 100 | 12 | mg/kg | NA | NA | NA | NA | 5.8 | NA | NA | NA | NA | MA I | NIA I | MA | | (000. |
| Barium | 550 | 14,000 | 2,000 | 2,000 | mg/kg | NA | NA | NA NA | NA NA | 160 | NA NA | NA NA | NA NA | | NA NA | NA NA | NA NA | 6 | 6020A |
| Cadmium | 3.9 | 100 | 20 | 20 | mg/kg | NA NA | NA NA | NA NA | NA NA | <0.045 | NA NA | NA NA | | NA NA | NA NA | NA NA | NA NA | 100 | 6020A |
| Chromium | 23 | 610 | 100 | 100 | mg/kg | NA NA | NA NA | NA NA | NA NA | 24 | NA NA | | NA NA | NA NA | NA. | NA NA | NA NA | 0.21 | 6020A |
| Lead | 400 | 1,400 | 100 | 100 | mg/kg | NA NA | NA NA | NA NA | NA NA | 19 | NA NA | NA NA | NA NA | NA NA | NA NA | NA NA | NA NA | 19 | 6020A |
| Mercury | 2.3 | 61 | 4 | 4 | mg/kg | NA NA | NA NA | NA NA | NA NA | 0.013 J | | NA NA | NA NA | NA NA | NA NA | NA NA | NA | 19 | 6020A |
| Selenium | 39 | 1,000 | 20 | 20 | mg/kg | NA NA | NA NA | NA NA | | | NA. | NA NA | NA NA | NA NA | NA NA | NA | NA | 0.053 | 7471B |
| Silver | 39 | 1,000 | 100 | 100 | mg/kg | NA NA | NA NA | NA NA | NA NA | 2.4 <0.067 | NA NA | NA NA | NA NA | NA NA | NA NA | NA NA | NA NA | 2.6 | 6020A 6020A |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 4 of 5

| | | | | | Sample Id ¹ | 2015.08.17 A1 | 2015.08.17 A3 | 2015.08.17 A5 | 2015.08.17 A1.6 | 2015.08.18 B2.3 | 2015.08.17 C1 | 2015.08.17 C3 | 2015.08.17 C5 | 2015.08.17 C1.6 | 2015.08.17 E1 | 2015.08.17 E3 | 2015.08.17 E5 | 2015.08.18 E6.5 | Analytical Method |
|--|------------------|---------|----------|---------------------------------|---------------------------|------------------|------------------|------------------|--------------------|--------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|-----------------------|----------------------|
| Analyte | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| Dioxins and Furans | | | | | | | | | | | | | | | | | | | |
| Regional Screening Level Summary Table ⁴ | Residential Soil | Industr | ial Soil | Screening Level ⁴ | | | | | | | | | | | | | | | |
| 2,3,7,8-TCDD | 4.9 | 2 | 2 | 22 | pg/g | NA | NA | NA | NA | <0.047 | NA | NA | NA | NA | NA | NA | NA | <0.054 | 1613B |
| 2,3,7,8-TetraCDF | NP | N | P | NP | pg/g | NA | NA | NA | NA | <0.038 | NA | NA | NA | NA | NA | NA | NA | 0.075 J, q | 1613B |
| 1,2,3,7,8-PentaCDD | NP | N | P | NP | pg/g | NA | NA | NA | NA | <0.066 | NA | NA | NA | NA | NA | NA | NA | <0.088 | 1613B |
| 1,2,3,7,8-PentaCDF | NP | N | P | NP | pg/g | NA | NA | NA | NA | <0.047 | NA | NA | NA | NA | NA | NA | NA | <0.053 | 1613B |
| 2,3,4,7,8-PentaCDF | NP | N | P | NP | pg/g | NA | NA | NA | NA | < 0.054 | NA | NA | NA | NA | NA | NA | NA | <0.061 | 1613B |
| 1,2,3,4,7,8-HexaCDD | NP | N | P | NP | pg/g | NA | NA | NA | NA | 0.16 J, q | NA | NA | NA | NA | NA | NA | NA | 0.28 J. q | 1613B |
| 1,2,3,6,7,8-HexaCDD | NP | N | P | NP | pg/g | NA | NA | NA | NA | 0.093 J, q | NA | NA | NA | NA | NA | NA | NA | 0.37 J, q | 1613B |
| 1,2,3,7,8,9-HexaCDD | NP | N | P | NP | pg/g | NA | NA | NA | NA | 0.27 J | NA | NA | NA | NA | NA | NA | NA | 0.49 J, q | 1613B |
| 1,2,3,4,7,8-HexaCDF | NP | N | P | NP | pg/g | NA. | NA | NA | NA | < 0.033 | NA | NA | NA | NA | NA | NA | NA | 0.08 J, q | 1613B |
| 1,2,3,6,7,8-HexaCDF | NP | N | P | NP | pg/g | NA | NA | NA | NA | < 0.030 | NA | NA | NA | NA | NA | NA NA | NA NA | 0.092 J | 1613B |
| 1,2,3,7,8,9-HexaCDF | NP | N | P | NP | pg/g | NA | NA | NA | NA | < 0.029 | NA | NA | NA | NA | NA | NA | NA NA | 0.092 J 0.083 J, q | 1613B |
| 2,3,4,6,7,8-HexaCDF | NP | N | P | NP | pg/g | NA | NA | NA | NA | < 0.029 | NA | NA | NA | NA | NA | NA NA | NA NA | 0.058 J | 1613B |
| 1,2,3,4,6,7,8-HeptaCDD | NP | N | P | NP | pg/g | NA | NA | NA | NA | 8.9 B | NA | NA | NA | NA | NA | NA | NA NA | 29 B | 1613B |
| 1,2,3,4,6,7,8-HeptaCDF | NP | N | P | NP | pg/g | NA | NA | NA | NA | < 0.048 | NA | NA | NA | NA | NA | NA | NA | 0.46 J, B | 1613B |
| 1,2,3,4,7,8,9-HeptaCDF | NP | N | P | NP | pg/g | NA | NA | NA | NA | < 0.063 | NA | NA | NA | NA | NA | NA | NA NA | <0.079 | 1613B |
| OctaCDD | NP | N | P | NP | pg/g | NA | NA | NA | NA | 970 B | NA | NA | NA | NA | NA | NA | NA NA | 7300 E, B | 1613B |
| OctaCDF | NP | N | P | NP | pg/g | NA | NA | NA | NA | 0.27 J, B | NA | NA | NA | NA | NA | NA NA | NA NA | 1.0 J, B | 1613B |
| General Chemistry | | | | | 100 | | | | | 1 | | 1 | 141 | 1.11 | 141 | Tur | IM | 1.0 [3, 15 | 1013B |
| Regional Screening Level Summary Table ² | Residential Soil | Industr | ial Soil | Screening Level ² | | | | | | | | | | | | | | | |
| Nitrocellulose | 19,000,000 | 250,00 | 0,000 | 250,000,000 | mg/kg | NA. | NA | NA | NA | <0.95 | NA | NA | NA | NA | NA | NA | NA | 1.0 J | 252.2.317 |
| Diesel Range Organics | | | | | 1 | | | | 141 | 10.55 | 141 | IM | M | . IVA | IVA | INA | NA | 1.0 [3 | 353.2_Nitroce |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| Diesel Range Organics [C10-C28] | 65 | 510 | 65 | 65 | mg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <0.39 | 8015B DRC |
| Gasoline Range Organics | | | | | | | | | | | | | | 1311 | 141 | 141 | m | ~0.37 | OVIJD_DRU |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| Gasoline Range Organics [C6-C12] | 65 | 510 | 65 | 65 | mg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | <0.012 | 8015B GRC |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 5 of 5

| | Id ¹ | A1 | A3 | A5 | A1.6 | B2.3 | C1 | C3 | C5 | C1.6 | 2015.08.17 E1 | E3 | E5 | 2015.08.18 E6.5 | Analytical Method |
|---------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|--------------------|----------------------|
| Analyte | Units | Result Qual | Result Oual | Result Qual | Result Qual | Result Onal | Result Qual | Result Qual | Result Qual | Result Qual | |

Concentrations in red bold indicate the result exceeds the Screening Level.

Abbreviations:

<= Not detected at the reporting limit (or MDL or EDL if shown)

J= Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

F2= MS/MSD RPD exceeds control limits

F1= MS and/or MSD Recovery is outside acceptance limits

B= Compound was found in the blank and sample

q= the reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

*=LCS or LCSD is outside acceptance limits

ug/kg = micrograms per killograms

mg/kg = milligrams per killograms

pg/g = picogram per gram

RECAP = Risk Evaluation/Corrective Action Program

SSni = Soil Screening non-industrial

SSi = Soil Screening industrial

SSGW = Soil Screening protective of groundwater

NA = Not Analyzed

NP = Not Published

¹ Sample Identification = collection date (year.month.day) predetermined onsite grid location. All Area I surface soil samples were collected from 0-2 feet below ground surface. Four surface soil sample locations (B2.3; E6.5; H2; and O-0.2) were analyzed for additional parameters.

² The United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for industrial soil was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

³ The most conservative Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) Screening Standard (RSS) (dated October 2003) of the soil for industrial use (SSi) and the soil concentration protective of groundwater (SSGW) was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

⁴ The USEPA, RSL Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for industrial soil was determined as the Screening Level for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD). The 2005 World Hospital Organization Re-evaluation of Human and Mammalian Toxic Equivalency Factors (TEFs) for Dioxins and Dioxin like compounds were used to calculate the total TCDD Toxic Equivalent (TEQ) in each medium. Total TEQs in each medium were compared to the Screening Level for TCDD. Data from the baseline sample event will establish site closeout and site restoration.

⁵ Arsenic was reanalyzed in the surface soil sample location O-0.2. Reported result of Arsenic reanalysis was 3.2 mg/kg. The laboratory noted the sample was non-homogenous and could be the cause of the discrepant results. Concentrations in bold indicate the MDL exceeds the Screening Level.

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 1 of 5

| | | | | | Sample Id ¹ | 2015.08.18 F7.5 | 2015.08.18 DUP#04 (F7.5) | 2015.08.17 G1 | 2015.08.17 G3 | 2015.08.17 G5 | 2015.08.17 DUP#01 (G5) | 2015.08.18 H2 | 2015.08.17 H4 | 2015.08.17 | 2015.08.17 DUP#02 (I1) | 2015.08.18 I3 | 2015.08.17 I5 | 2015.08.17 K1 | Analytical Method |
|--|---|--|---|---|---|---|---|---|---|---|--|--|---|--|---|---|--|--|---|
| Analyte | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| Nitroaromatics and Nitramines | | | | | | | | | | | | | | | | | | | |
| Regional Screening Level Summary Table ² | Residential Soil | Industri | al Soil | Screening Level ² | | | | | | | | | | | | | | | |
| 1,3,5-Trinitrobenzene | 220,000 | 3,200, | .000 | 3,200,000 | ug/kg | <27 | <27 | <26 | <27 | <25 | <25 | <25 | <26 | <25 | <27 | <27 | <25 | <27 | 8330B |
| 1,3-Dinitrobenzene | 630 | 8,20 | 00 | 8,200 | ug/kg | <43 | <43 | <42 | <43 | <40 | <40 | <39 | <41 | <40 | <43 | <43 | <40 | <43 | 8330B |
| 2,4,6-Trinitrotoluene | 3,600 | 51,0 | 00 | 51,000 | ug/kg | <35 | <35 | <34 | <35 | <33 | <33 | <32 | <34 | <33 | <36 | <36 | <33 | <35 | 8330B |
| 2,4-Dinitrotoluene | 1,700 | 7,40 | 00 | 7,400 | ug/kg | <37 F1 | <37 | <36 | <37 | <34 | <35 | <34 | <36 | <35 | <38 | <38 | <34 | <37 | 8330B |
| 2,6-Dinitrotoluene | 360 | 1,50 | 00 | 1,500 | ug/kg | <63 | <62 | <61 | <63 | <58 | <59 | <57 | <61 | <58 | <64 | <64 | <58 | <63 | 8330B |
| 2-Amino-4,6-dinitrotoluene | 15,000 | 230,0 | 000 | 230,000 | ug/kg | <43 | <42 | <41 | <42 | <39 | <40 | <38 | <41 | <39 | <43 | <43 | <39 | <42 | 8330B |
| 4-Amino-2,6-dinitrotoluene | 15,000 | 230,0 | 000 | 230,000 | ug/kg | <93 | <91 | <89 | <92 | <85 | <86 | <84 | <89 | <85 | <93 | <93 | <85 | <92 | 8330B |
| 3-Nitrotoluene | 630 | 8,20 | | 8,200 | ug/kg | <55 | <55 | <53 | <55 | <51 | <51 | <50 | <53 | <51 | <56 | <55 | <51 | <55 | 8330B |
| Nitrobenzene | 5,100 | 22,0 | 00 | 22,000 | ug/kg | <43 | <42 | <41 | <43 | <39 | <40 | <39 | <41 | <40 | <43 | <43 | <39 | <43 | 8330B |
| Nitroglycerin | 630 | 8,20 | | 8,200 | ug/kg | <270 | <260 | <260 | <270 | <250 | <250 | <240 | <260 | <250 | <270 | <270 | <250 | <270 | 8330B |
| 2-Nitrotoluene | 3,200 | 15,0 | 00 | 15,000 | ug/kg | <65 | <64 | <62 | <64 | <59 | <60 | <58 | <62 | <60 | <65 | <65 | <59 | <64 | 8330B |
| 4-Nitrotoluene | 25,000 | 140,0 | 000 | 140,000 | ug/kg | <81 | <80 | <78 | <80 | <74 | <75 | <73 | <77 | <74 | <81 | <81 | <74 | <80 | 8330B |
| Pentaerythritol Tetranitrate | 13,000 | 160,0 | 000 | 160,000 | ug/kg | <340 | <340 | <330 | <340 | <310 | <320 | <310 | <330 | <310 | <340 | <340 | <310 | <340 | 8330B |
| RDX | 6,100 | 28,0 | 00 | 28,000 | ug/kg | <62 | <61 | <60 | <62 | <57 | <57 | <56 | <59 | <57 | <62 | <62 | <57 | <61 | 8330B |
| HMX | 390,000 | 5,700, | 000 | 5,700,000 | ug/kg | <39 | <38 | <37 | <38 | <35 | <36 | <35 | <37 | <36 | <39 | <39 | <35 | <38 | 8330B |
| Tetryl | 16,000 | 230,0 | 000 | 230,000 | ug/kg | <46 | <45 | <44 | <45 | <42 | <42 | <41 | <44 F1 | <42 | <46 | <46 | <42 | <45 | 8330B |
| Volatile Organic Compounds | | | | | | | | | | | | | | | | | 1,12 | 45 | 0330D |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | | | | Level | | | | | | | | | | | | | | | |
| | 2,700 | 5,900 | 46 | Level 46 | ug/kg | <0.40 F2 | <0.37 | <0.30 | <0.29 | <0.31 | <0.33 | <0.32 | <0.35 | <0.34 | <0.34 | <0.30 | <0.32 | C0 22 # | 92600 |
| 1,1,1-Trichloroethane | 2,700 82,000 | 5,900 700,000 | 46 4,000 | | ug/kg ug/kg | <0.40 F2 <0.50 F2 | <0.37 <0.45 | <0.30 <0.37 | <0.29 <0.36 | <0.31 | <0.33 | <0.32 | <0.35 | <0.34 | <0.34 | <0.39 | <0.32 | <0.33 * | 8260C |
| 1,1,2,2-Tetrachloroethane | | | | 46 | ug/kg | <0.50 F2 | <0.45 | <0.37 | <0.36 | <0.38 | <0.41 | <0.39 | <0.44 F2 | <0.42 | <0.42 | <0.48 | <0.39 | <0.41 | 8260C |
| | 82,000 | 700,000 | 4,000 | 46 4,000 | | <0.50 F2 <0.46 F2 | <0.45 <0.42 | <0.37 <0.34 * | <0.36 <0.34 * | <0.38 <0.35 * | <0.41 <0.38 * | <0.39 <0.36 | <0.44 F2 <0.41 * | <0.42 <0.39 | <0.42 <0.39 | <0.48 <0.44 | <0.39 <0.37 * | <0.41 <0.38 * | 8260C 8260C |
| 1,1,2,2-Tetrachloroethane | 82,000 810 | 700,000 2,000 | 4,000 6 | 46 4,000 6 58 | ug/kg ug/kg ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 | <0.45 <0.42 <0.60 | <0.37 <0.34 * <0.49 | <0.36 <0.34 * <0.48 | <0.38 <0.35 * <0.50 | <0.41 <0.38 * <0.54 | <0.39 <0.36 <0.52 | <0.44 F2 <0.41 * <0.58 | <0.42 <0.39 <0.55 | <0.42 <0.39 <0.56 | <0.48 <0.44 <0.63 | <0.39 <0.37 * <0.52 | <0.41 <0.38 * <0.54 * | 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane | 82,000 810 1,900 | 700,000 2,000 4,300 | 4,000 6 58 | 46 4,000 6 | ug/kg ug/kg ug/kg ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <0.45 F2 | <0.45 <0.42 <0.60 <0.41 | <0.37 <0.34 * <0.49 <0.33 | <0.36 <0.34 * <0.48 <0.33 | <0.38 <0.35 * <0.50 <0.34 | <0.41 <0.38 * <0.54 <0.37 | <0.39 <0.36 <0.52 <0.36 | <0.44 F2 <0.41 * <0.58 <0.40 | <0.42 <0.39 <0.55 <0.38 | <0.42 <0.39 <0.56 <0.38 | <0.48 <0.44 <0.63 <0.43 | <0.39 <0.37 * <0.52 <0.36 | <0.41 <0.38 * <0.54 * <0.37 | 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane | 82,000 810 1,900 66,000 | 700,000 2,000 4,300 470,000 | 4,000 6 58 7,500 | 46 4,000 6 58 7,500 | ug/kg ug/kg ug/kg ug/kg ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <0.45 F2 <1.9 | <0.45 <0.42 <0.60 <0.41 <1.7 | <0.37 <0.34 * <0.49 <0.33 <1.4 | <0.36 <0.34 * <0.48 <0.33 <1.3 | <0.38 <0.35 * <0.50 <0.34 <1.4 | <0.41 <0.38 * <0.54 <0.37 <1.5 | <0.39 <0.36 <0.52 <0.36 <1.5 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 | <0.42 <0.39 <0.55 <0.38 <1.6 | <0.42 <0.39 <0.56 <0.38 <1.6 | <0.48 <0.44 <0.63 <0.43 <1.8 | <0.39 <0.37 * <0.52 <0.36 <1.5 | <0.41 <0.38 * <0.54 * <0.37 <1.5 | 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene | 82,000 810 1,900 66,000 13,000 | 700,000 2,000 4,300 470,000 91,000 | 4,000 6 58 7,500 85 | 46 4,000 6 58 7,500 85 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <0.45 F2 <1.9 <1.7 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * | <0.41 <0.38 * <0.54 * <0.37 <1.5 <1.4 * | 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane | 82,000 810 1,900 66,000 13,000 180 | 700,000 2,000 4,300 470,000 91,000 1,600 | 4,000 6 58 7,500 85 | 46 4,000 6 58 7,500 85 | ug/kg ug/kg ug/kg ug/kg ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <0.45 F2 <1.9 | <0.45 <0.42 <0.60 <0.41 <1.7 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * | <0.41 <0.38 * <0.54 * <0.37 <1.5 <1.4 * <0.83 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane | 82,000 810 1,900 66,000 13,000 180 820 | 700,000 2,000 4,300 470,000 91,000 1,600 1,800 | 4,000 6 58 7,500 85 10 35 | 46 4,000 6 58 7,500 85 10 35 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <0.45 F2 <1.9 <1.7 F2 <1.0 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.38 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 | <0.41 <0.38 * <0.54 * <0.37 <1.5 <1.4 * <0.83 <0.36 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane | 82,000 810 1,900 66,000 13,000 180 820 690 | 700,000 2,000 4,300 470,000 91,000 1,600 1,800 1,800 | 4,000 6 58 7,500 85 10 35 42 | 46 4,000 6 58 7,500 85 10 35 42 | ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <0.45 F2 <1.9 <1.7 F2 <1.0 F2 <0.44 F2 <1.1 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.38 <0.96 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 | <0.41 <0.38 * <0.54 * <0.37 <1.5 <1.4 * <0.83 <0.36 <0.90 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 | 700,000 2,000 4,300 470,000 91,000 1,600 1,800 1,800 10,000 | 4,000 6 58 7,500 85 10 35 42 40 | 46 4,000 6 58 7,500 85 10 35 42 40 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <0.45 F2 <1.9 <1.7 F2 <1.0 F2 <0.44 F2 <1.1 <2.2 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.38 <0.96 <1.9 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 | <0.41 <0.38 * <0.54 * <0.37 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 590,000 | 700,000 2,000 4,300 470,000 91,000 1,600 1,800 1,800 10,000 4,400,000 | 4,000 6 58 7,500 85 10 35 42 40 5,000 | 46 4,000 6 58 7,500 85 10 35 42 40 5,000 | ug/kg | <0.50 F2 <0.46 F2 <0.46 F2 <0.45 F2 <1.9 <1.7 F2 <1.0 F2 <0.44 F2 <1.1 <2.2 F2 <0.84 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 <0.76 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * <0.62 * | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 <0.61 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 <0.64 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 <0.69 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 <0.67 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.38 <0.96 <1.9 <0.74 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J <0.71 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 <0.72 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 <0.81 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 <0.67 | <0.41 <0.38 * <0.54 * <0.37 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 <0.69 * | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 590,000 450,000 | 700,000 2,000 4,300 470,000 91,000 1,600 1,800 1,800 10,000 4,400,000 3,100,000 | 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 | 46 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 | ug/kg | <0.50 F2 <0.46 F2 <0.46 F2 <0.45 F2 <1.9 <1.7 F2 <1.0 F2 <0.44 F2 <1.1 <<2.2 F2 <0.84 F2 23 F1, F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 <0.76 23 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * <0.62 * 10 J ₃ B | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 <0.61 <5.4 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 <0.64 <5.7 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 <0.69 16 J | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 <0.67 <5.9 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.38 <0.96 <1.9 <0.74 <6.6 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J <0.71 74 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 <0.72 31 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 <0.81 <7.9 J | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 <0.67 27 | <0.41 <0.38 * <0.54 * <0.57 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 <0.69 * <6.2 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 590,000 450,000 170,000 | 700,000 2,000 4,300 470,000 91,000 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 | 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 | 46 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 | ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <0.45 F2 <1.9 <1.7 F2 <1.0 F2 <0.44 F2 <1.1 <2.2 F2 <0.84 F2 23 F1, F2 <0.29 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 <0.76 23 <0.26 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * <0.62 * 10 J ₃ B <0.21 | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 <0.61 <5.4 <0.21 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 <0.64 <5.7 <0.22 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 <0.69 16 J <0.24 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 <0.67 <5.9 <0.23 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.96 <1.9 <0.74 <6.6 <0.25 F2 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J <0.71 74 <0.24 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 <0.72 31 <0.25 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 <0.81 <7.9 J <0.28 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 <0.67 27 <0.23 | <0.41 <0.38 * <0.54 * <0.57 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 <0.69 * <6.2 <0.24 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 590,000 450,000 170,000 1,500 | 700,000 2,000 4,300 4,70,000 91,000 1,600 1,800 1,800 1,800 1,000 4,400,000 3,100,000 1,400,000 3,100 | 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 | 46 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 | ug/kg | <0.50 F2 <0.46 F2 <0.65 F2 <1.9 <1.7 F2 <0.44 F2 <1.1 <2.2 F2 <0.84 F2 <1.1 <2.2 F2 <0.84 F2 <0.84 F2 <0.84 F2 <0.84 F2 <0.84 F2 <0.9 F2 <0.29 F2 <0.29 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 <0.76 23 <0.26 <0.26 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * <0.62 * 10 J,B <0.21 <0.21 | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 <0.61 <5.4 <0.21 <0.21 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 <0.64 <5.7 <0.22 <0.22 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 <0.69 16 J <0.24 <0.24 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 <0.67 <5.9 <0.23 <0.23 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.38 <0.96 <1.9 <0.74 <6.6 <0.25 F2 <0.25 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J <0.71 74 <0.24 <0.24 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 <0.72 31 <0.25 <0.25 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 <0.81 7.9 J <0.28 <0.28 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 <0.67 27 <0.23 <0.23 | <0.41 <0.38 * <0.54 * <0.57 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 <0.69 * <6.2 <0.24 <0.24 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 590,000 450,000 170,000 1,500 1,800 | 700,000 2,000 4,300 4,70,000 91,000 1,600 1,800 1,800 1,800 1,000 4,400,000 3,100,000 1,400,000 3,100 4,200 | 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 | 46 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 | ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <0.45 F2 <1.9 <1.7 F2 <1.0 F2 <0.44 F2 <1.1 <2.2 F2 <0.84 F2 23 F1, F2 <0.29 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 <0.76 23 <0.26 <0.39 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * <0.62 * 10 J ₃ B <0.21 <0.21 <0.32 * | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 * | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 <0.64 <5.7 <0.22 <0.22 <0.33 * | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 <0.69 16 J <0.24 <0.24 <0.35 * | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 <0.67 <5.9 <0.23 <0.23 <0.34 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.38 <0.96 <1.9 <0.74 <6.6 <0.25 F2 <0.25 <0.37 * | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J <0.71 74 <0.24 <0.24 <0.36 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 <0.72 31 <0.25 <0.25 <0.36 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 <0.81 7.9 J <0.28 <0.28 <0.41 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 <0.67 27 <0.23 <0.23 <0.34 * | <0.41 <0.38 * <0.54 * <0.57 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 <0.69 * <6.2 <0.24 <0.24 <0.35 * | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 | 700,000 2,000 4,300 4,70,000 91,000 1,600 1,800 1,800 1,800 1,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 | 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 | 46 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 | ug/kg | <0.50 F2 <0.46 F2 <0.65 F2 <1.9 <1.7 F2 <0.44 F2 <0.44 F2 <1.1 <2.2 F2 <0.84 F2 <0.84 F2 <0.29 F2 <0.29 F2 <0.29 F2 <0.29 F2 <0.29 F2 <0.43 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 <0.76 23 <0.26 <0.26 <0.39 <1.2 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * <0.62 * 10 J ₃ B <0.21 <0.21 <0.32 * <0.94 | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 <0.61 <5.4 <0.21 <0.21 <0.31 * | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 <0.64 <5.7 <0.22 <0.22 <0.33 * <0.97 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 <0.69 16 J <0.24 <0.24 <0.35 * | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 <0.67 <5.9 <0.23 <0.23 <0.34 <1.0 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.38 <0.96 <1.9 <0.74 <6.6 <0.25 F2 <0.25 <0.37 * <1.1 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J <0.71 74 <0.24 <0.24 <0.36 <1.1 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 <0.72 31 <0.25 <0.25 <0.36 <1.1 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 <0.81 7.9 J <0.28 <0.28 <0.41 <1.2 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 <0.67 27 <0.23 <0.23 <0.34 * <1.0 | <0.41 <0.38 * <0.54 * <0.57 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 <0.69 * <6.2 <0.24 <0.24 <0.35 * <1.0 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
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| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropane, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 | 700,000 2,000 4,300 4,70,000 91,000 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 | 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 | 46 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 | ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <1.9 <1.7 F2 <1.0 F2 <0.44 F2 <1.1 <2.2 F2 <0.84 F2 <1.1 <2.2 F2 <0.84 F2 <1.3 <1.3 <0.79 <0.44 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 <0.76 23 <0.26 <0.26 <0.39 <1.2 <0.72 <0.53 <0.40 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * <0.62 * 10 J,B <0.21 <0.32 * <0.94 <0.59 <0.44 <0.33 | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 <0.61 <5.4 <0.21 <0.21 <0.21 <0.92 <0.58 <0.43 <0.32 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 <0.64 <5.7 <0.22 <0.22 <0.33 * <0.97 <0.61 <0.45 <0.33 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 <0.69 16 J <0.24 <0.24 <0.35 * <1.0 <0.65 <0.48 <0.36 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 <0.67 <5.9 <0.23 <0.23 <0.34 <1.0 <0.63 <0.46 <0.35 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.96 <1.9 <0.74 <6.6 <0.25 F2 <0.37 * <1.1 <0.70 <0.52 F2 <0.38 F2 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J <0.71 74 <0.24 <0.24 <0.36 <1.1 <0.67 <0.49 <0.37 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 <0.72 31 <0.25 <0.25 <0.36 <1.1 <0.68 <0.50 <0.37 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 <0.81 7.9 J <0.28 <0.28 <0.41 <1.2 <0.76 <0.56 <0.42 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 <0.67 27 <0.23 <0.23 <0.24 * <1.0 <0.63 <0.47 <0.35 | <0.41 <0.38 * <0.54 * <0.57 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 <0.69 * <6.2 <0.24 <0.24 <0.35 * <1.0 <0.66 <0.49 <0.36 * | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropane, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 17,000 | 700,000 2,000 4,300 4,300 470,000 91,000 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 120,000 | 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 | 46 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 1,000 | ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <1.9 <1.7 F2 <1.0 F2 <0.44 F2 <1.1 <2.2 F2 <0.84 F2 <2.84 F2 <2.9 F2 <0.29 F2 <0.43 F2 <1.3 <0.79 <0.59 F2 <0.44 F2 <0.47 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 <0.76 23 <0.26 <0.26 <0.39 <1.2 <0.72 <0.53 <0.40 <0.43 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * <0.62 * 10 J,B <0.21 <0.21 <0.32 * <0.94 <0.59 <0.44 <0.33 <0.85 | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 <0.61 <5.4 <0.21 <0.21 <0.21 <0.21 <0.58 <0.43 <0.32 <0.43 <0.32 <0.43 <0.43 <0.43 <0.44 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 <0.64 <5.7 <0.22 <0.22 <0.33 * <0.97 <0.61 <0.45 <0.33 <0.36 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 <0.69 16 J <0.24 <0.24 <0.24 <0.65 <0.48 <0.36 <0.39 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 <0.67 <5.9 <0.23 <0.23 <0.34 <1.0 <0.63 <0.46 <0.35 <0.37 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.96 <1.9 <0.74 <6.6 <0.25 F2 <0.37 * <1.1 <0.70 <0.52 F2 <0.38 F2 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J <0.71 74 <0.24 <0.24 <0.36 <1.1 <0.67 <0.49 <0.37 <0.40 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 <0.72 31 <0.25 <0.25 <0.36 <1.1 <0.68 <0.50 <0.37 <0.93 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 <0.81 7.9 J <0.28 <0.28 <0.41 <1.2 <0.76 <0.56 <0.42 <0.45 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 <0.67 27 <0.23 <0.23 <0.34 * <1.0 <0.63 <0.47 <0.35 <0.38 | <0.41 <0.38 * <0.54 * <0.37 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 <0.69 * <6.2 <0.24 <0.24 <0.35 * <1.0 <0.66 <0.49 <0.36 * <0.49 <0.36 * <0.49 <0.36 * <0.39 * | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene Dibromochloromethane (chlorodibromomethane) | 82,000 810 1,900 66,000 13,000 180 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 17,000 2,200 | 700,000 2,000 4,300 4,300 470,000 91,000 1,600 1,800 1,800 1,800 1,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 120,000 5,400 | 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 1,000 | 46 4,000 6 58 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 | ug/kg | <0.50 F2 <0.46 F2 <0.66 F2 <1.9 <1.7 F2 <1.0 F2 <0.44 F2 <1.1 <2.2 F2 <0.84 F2 <1.1 <2.2 F2 <0.84 F2 <1.3 <1.3 <0.79 <0.44 F2 | <0.45 <0.42 <0.60 <0.41 <1.7 <1.5 <0.91 <0.40 <1.0 <2.0 <0.76 23 <0.26 <0.26 <0.39 <1.2 <0.72 <0.53 <0.40 | <0.37 <0.34 * <0.49 <0.33 <1.4 <1.2 * <0.74 <0.33 <0.81 <1.6 * <0.62 * 10 J,B <0.21 <0.32 * <0.94 <0.59 <0.44 <0.33 | <0.36 <0.34 * <0.48 <0.33 <1.3 <1.2 * <0.73 <0.32 <0.80 <1.6 <0.61 <5.4 <0.21 <0.21 <0.21 <0.92 <0.58 <0.43 <0.32 | <0.38 <0.35 * <0.50 <0.34 <1.4 <1.3 * <0.77 <0.33 <0.84 <1.7 <0.64 <5.7 <0.22 <0.22 <0.33 * <0.97 <0.61 <0.45 <0.33 | <0.41 <0.38 * <0.54 <0.37 <1.5 <1.4 * <0.82 <0.36 <0.90 <1.8 <0.69 16 J <0.24 <0.24 <0.35 * <1.0 <0.65 <0.48 <0.36 | <0.39 <0.36 <0.52 <0.36 <1.5 <1.3 <0.79 <0.35 <0.87 <1.7 <0.67 <5.9 <0.23 <0.23 <0.34 <1.0 <0.63 <0.46 <0.35 | <0.44 F2 <0.41 * <0.58 <0.40 <1.6 <1.5 * <0.88 <0.96 <1.9 <0.74 <6.6 <0.25 F2 <0.37 * <1.1 <0.70 <0.52 F2 <0.38 F2 | <0.42 <0.39 <0.55 <0.38 <1.6 <1.4 <0.84 <0.37 <0.92 3.5 J <0.71 74 <0.24 <0.24 <0.36 <1.1 <0.67 <0.49 <0.37 | <0.42 <0.39 <0.56 <0.38 <1.6 <1.4 <0.86 <0.37 <0.93 <1.9 <0.72 31 <0.25 <0.25 <0.36 <1.1 <0.68 <0.50 <0.37 | <0.48 <0.44 <0.63 <0.43 <1.8 <1.6 <0.96 <0.42 <1.0 <2.1 <0.81 7.9 J <0.28 <0.28 <0.41 <1.2 <0.76 <0.56 <0.42 | <0.39 <0.37 * <0.52 <0.36 <1.5 <1.3 * <0.80 <0.35 <0.87 <1.8 <0.67 27 <0.23 <0.23 <0.24 * <1.0 <0.63 <0.47 <0.35 | <0.41 <0.38 * <0.54 * <0.57 <1.5 <1.4 * <0.83 <0.36 <0.90 <1.8 <0.69 * <6.2 <0.24 <0.24 <0.35 * <1.0 <0.66 <0.49 <0.36 * | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 2 of 5

| | | | | | Sample Id ¹ | 2015.08.18 F7.5 | 2015.08.18 DUP#04 (F7.5) | 2015.08.17 G1 | 2015.08.17 G3 | 2015.08.17 G5 | 2015.08.17 DUP#01 (G5) | 2015.08.18 H2 | 2015.08.17 H4 | 2015.08.17 II | 2015.08.17 DUP#02 (I1) | 2015.08.18 I3 | 2015.08.17 15 | 2015.08.17 K1 | Analytical Method |
|---|-----------------|------------|---------|---------------------------------|------------------------|--------------------|--------------------------------|------------------|------------------|------------------|------------------------------|------------------|------------------|------------------|------------------------------|------------------|------------------|------------------|----------------------|
| Analyte | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| cis-1,2-Dichloroethene | 4,800 | 34,000 | 490 | 490 | ug/kg | <0.69 F2 | <0.63 | <0.51 | <0.50 | <0.53 | <0.57 | <0.55 | <0.61 | <0.58 | <0.59 | <0.66 | <0.55 | <0.57 | 8260C |
| Ethyl benzene | 160,000 | 230,000 | 19,000 | 19,000 | ug/kg | <0.35 | <0.31 | <0.26 | <0.25 | < 0.26 | <0.28 | < 0.27 | <0.30 F2 | <0.29 | <0.29 | <0.33 | <0.28 | <0.29 * | 8260C |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 5,500 | ug/kg | <0.78 | <0.71 | <0.58 * | <0.57 * | <0.60 * | <0.64 * | <0.62 | <0.69 F2, * | <0.66 | <0.67 | <0.75 | <0.62 * | <0.65 * | 8260C |
| Isobutylalcohol | 730,000 | 6,200,000 | 30,000 | 30,000 | ug/kg | <29 F2 | <27 | <22 | <21 | <22 | <24 | <23 | <26 | <25 | <25 | <28 | <23 | <24 | 8260C |
| Methyl tert-butyl ether (MTBE) | 650,000 | 4,700,000 | 77 | 77 | ug/kg | <0.55 F2 | <0.50 | <0.41 | <0.40 | <0.42 | <0.45 | <0.44 | <0.49 | <0.46 | <0.47 | <0.53 | < 0.44 | < 0.46 | 8260C |
| Methylene Chloride | 19,000 | 44,000 | 17 | 17 | ug/kg | <1.8 F2 | <1,7 | <1.4 | <1.3 | <1.4 | <1.5 | <1.4 | <1.6 | <1.5 | <1.6 | <1.7 | <1.5 | <1.5 | 8260C |
| Styrene | 500,000 | 1,700,000 | 11,000 | 11,000 | ug/kg | < 0.40 | <0.37 | <0.30 | <0.29 | <0.31 | <0.33 | <0.32 | <0.35 | <0.34 | <0.34 | <0.39 | <0.32 | <0.33 * | 8260C |
| Tetrachloroethene (tetrachloroethylene) | 8,300 | 35,000 | 180 | 180 | ug/kg | <0.37 | < 0.34 | <0.27 | <0.27 | <0.28 | <0.30 | <0.29 | <0.32 F2 | <0.31 | < 0.31 | <0.35 | <0.29 | <0.30 * | 8260C |
| Toluene | 68,000 | 470,000 | 20,000 | 20,000 | ug/kg | <0.81 | <0.73 | < 0.60 | <0.59 | <0.62 | <0.66 | < 0.64 | <0.71 F2 | <0.68 | < 0.69 | <0.77 | <0.64 | <0.67 * | 8260C |
| trans-1,2-Dichloroethene | 6,900 | 48,000 | 770 | 770 | ug/kg | <1.1 | <0.98 | < 0.80 | <0.79 | < 0.83 | < 0.89 | < 0.86 | <0.95 | <0.91 | <0.92 | <1.0 | <0.86 | <0.89 | 8260C |
| Trichloroethene | 100 | 210 | 73 | 73 | ug/kg | <0.45 F2 | < 0.41 | <0.33 | <0.33 | < 0.34 | < 0.37 | < 0.36 | <0.40 F2 | <0.38 | <0.38 | <0.43 | <0.36 | <0.37 | 8260C |
| Trichlorofluoromethane | 38,000 | 260,000 | 37,000 | 37,000 | ug/kg | <0.58 F2 | < 0.52 | <0.43 | <0.42 | < 0.44 | <0.47 | <0.46 | <0.51 | <0.48 | <0.49 | <0.55 | <0.46 | <0.48 | 8260C |
| Vinyl Chloride | 240 | 790 | 13 | 13 | ug/kg | <0.50 F2 | < 0.45 | <0.37 | <0.36 | <0.38 | <0.41 | <0.39 | <0.44 | <0.42 | <0.42 | <0.48 | <0.39 | <0.41 | 8260C |
| Xylenes (total) | 18,000 | 120,000 | 150,000 | 120,000 | ug/kg | <0.98 F2 | < 0.89 | 2.2 J | <0.71 | <0.75 | < 0.80 | <0.77 | 0.92 J, F2 | <0.82 | <0.84 | <0.94 | <0.78 | <0.81 * | 8260C |
| Semivolatile Organic Compounds | | | | | | | | | | | 2000 | 3177 | 0.52 0,12 | -0.02 | 50,01 | 40,54 | NO.70 | NO.01 | 0200C |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | 1 | | | | | | | | | | | | | | |
| 1,1 Biphenyl | 230,000 | 230,000 | 190,000 | 190,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | 05 | 1 00 1 | Lau | 92700 |
| 1,2,4,5-Tetrachlorobenzene | 1,200 | 12,000 | 6,900 | 6,900 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | | | <35 | <38 | <41 | 8270D |
| 1.2.4-Trichlorobenzene | 66,000 | 1,200,000 | 14,000 | 14,000 | ug/kg | <36 F1 | <36 | <39 | <39 | <37 | | <37 | | <37 | <39 | <35 | <38 | <41 | 8270D |
| 1,2-Dichlorobenzene | 99,000 | 380,000 | 29,000 | 29,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 1,3-Dichlorobenzene | 2,100 | 18,000 | 2,100 | 2,100 | ug/kg | <36 | <36 | <39 | | | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 1,3-Dinitrobenzene | 450 | 5,000 | 250 | 250 | - | <36 | | | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 1.4-Dichlorobenzene | 6,700 | 16,000 | 5,700 | 5,700 | ug/kg ug/kg | <36 | <36 <36 | <39 <39 | <39 <39 | <37 <37 | <41 | <37 | <42 | ⊲7 | <39 | <35 | <38 | <41 | 8270D |
| 2,3,4,6-Tetrachlorophenol | 140,000 | 1,400,000 | 31,000 | 31,000 | 1 | <36 | <36 | | | | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2,4,5-Trichlorophenol | 530,000 | 6,600,000 | 320,000 | 320,000 | ug/kg | | | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2,4,6-Trichlorophenol | 40,000 | 170,000 | 1,300 | 1,300 | ug/kg | 36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2,4-Dichlorophenol | 16,000 | 200,000 | - | | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2,4-Dimethylphenol | | | 12,000 | 12,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2,4-Dinitrophenol | 93,000 7.100 | 1,100,000 | 20,000 | 20,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2,4-Dinitrotoluene | 8,900 | 69,000 | 1,700 | 1,700 | ug/kg | <360 * | <360 * | <390 * | <390 * | <360 * | <410 * | <370 * | <420 * | <370 | <390 | <350 * | <380 | <410 | 8270D |
| 2,6-Dinitrotoluene | | 98,000 | 1,000 | 1,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2-Chloronaphthalene | 4,300 | 46,000 | 390 | 390 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2-Chlorophenol | 500,000 | 8,300,000 | 500,000 | 500,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2-Methylnaphthalene | 15,000 | 140,000 | 1,400 | 1,400 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| | 22,000 | 170,000 | 1,700 | 1,700 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 2-Nitroaniline | 1,700 | 1,700 | 1,700 | 1,700 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 3,3-Dichlorobenzidine | 970 | 4,200 | 1,800 | 1,800 | ug/kg | <360 | <360 | <390 | <390 | <360 | <410 | <370 | <420 | <370 | <390 | <350 | <380 | <410 | 8270D |
| 3-Nitroaniline | 13,000 | 140,000 | 1,700 | 1,700 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| 4-Nitroaniline | 10,000 | 100,000 | 1,700 | 1,700 | ug/kg | <360 | <360 | <390 | <390 | <360 | <410 | <370 | <420 | <370 | <390 | <350 | <380 | <410 | 8270D |
| 4-Nitrophenol | 32,000 | 330,000 | 2,600 | 2,600 | ug/kg | <360 | <360 | <390 | <390 | <360 | <410 | <370 | <420 | <370 | <390 | <350 | <380 | <410 | 8270D |
| Acenaphthene | 370,000 | 6,100,000 | 220,000 | 220,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| Acenaphthylene | 350,000 | 5,100,000 | 88,000 | 88,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| Aniline | 2,400 | 17,000 | 65 | 65 | ug/kg | <65 | <65 | <70 | <70 | <66 | <74 | <66 | <76 | <67 | <70 | <63 | <69 | <74 | 8270D |
| Anthracene | 2,200,000 | 48,000,000 | 120,000 | 120,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| Benz(a)anthracene | 620 | 2,900 | 330,000 | 2,900 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| | 330 | 330 | 23,000 | 330 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | <41 | 8270D |
| Benzo(a)pyrene Benzo(b)fluoranthene | 620 | 2,900 | 220,000 | 2,900 | 0.0 | | | | | 0, | -12 | 01 | .72 | 57 | 07 | -03 | V0. | 741 | 02/02 |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 3 of 5

| | | | | Sample Id ¹ | 2015.08.18 F7.5 | 2015.08.18 DUP#04 (F7.5) | 2015.08.17 G1 | 2015.08.17 G3 | 2015.08.17 G5 | 2015.08.17 DUP#01 (G5) | 2015.08.18 H2 | 2015.08.17 H4 | 2015.08.17 I1 | 2015.08.17 DUP#02 (I1) | 2015.08.18 13 | | | 2015.08.17 K1 | Analytical Method |
|------------------|--|------------|---|---------------------------|---|--------------------------------|------------------|------------------|--|--|------------------|---|--|------------------------------|--|--|--------|--|---|
| | | | 3 | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result | Qual I | Result Qua | al |
| 6,200 | 29,000 | 120,000 | 29,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 F1 | <37 | - | | | | <41 | 8270D |
| 4,900 | 17,000 | 800 | 800 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | | | - | | | 8270D |
| 330 | 1,100 | 330 | 330 | ug/kg | <36 | <36 | <39 | <39 | <37 | <42 | <37 | <42 | <37 | | | - | | _ | 8270D |
| 35,000 | 170,000 | 79,000 | 79,000 | ug/kg | <49 | <49 | <53 | <53 | <50 | <56 | <50 | <57 | 130 J,B | | <48 | | | | |
| 220,000 | 220,000 | 220,000 | 220,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | | | | | | 8270D |
| 62,000 | 290,000 | 76,000 | 76,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | | | 1 | _ | | 8270D |
| 330 | 330 | 540,000 | 330 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | | | | | 8270D |
| 29,000 | 150,000 | 24,000 | 24,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | | | 1 | | _ | 8270D |
| 670,000 | 670,000 | 360,000 | 360,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | | | | | | | 8270D |
| 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | | | <36 | | | <37 | <41 | | | | | | | | _ | 8270D |
| 240,000 | 3,500,000 | 10,000,000 | 3,500,000 | ug/kg | <36 | <36 | <39 | <39 | | | <37 | | | | | | | | 8270D |
| 220,000 | 2,900,000 | 1,200,000 | 1,200,000 | | <36 | <36 | <39 | <39 | <37 | <41 | <37 | | <37 | | | | | _ | 8270D |
| 280,000 | 5,400,000 | 230,000 | 230,000 | | <36 | <36 | <39 | <39 | | <41 | <37 | | | - | | | | | 8270D |
| 340 | 2,000 | 9,600 | | | | 1 | | | | | - | | | | | | | _ | 8270D |
| 820 | 8,600 | 5,500 | | | | - | | | | | | | | | | | | | 8270D |
| 1,400 | | 1.200,000 | - | | | 1 | | | | | | | | | | - | _ | | 8270D |
| 5,200 | 68,000 | | | | | 1 | | | | | | | | | - | 1 | | | 8270D |
| | | - | | | | - | | | | | - | | | | - | | | | 8270D |
| | | | | | | | | | | | | | | | | | | | 8270D |
| | | | | | | - | | | | | | | | | | - | | | 8270D |
| | | | | | | | | | | | | | | | | | _ | | 8270D |
| | - | | | | | | | | | | - | | | | | | _ | | 8270D |
| | | | | | | | _ | | | | | - | | | | - | | _ | 8270D |
| | | | | | | | | | | | | | | | | - | _ | | 8270D |
| | | | | | | | | | | | | | | | | | | | 8270D |
| | | | | | | | | | | | | | | | | | _ | _ | 8270D |
| | | | | | | - | | | | | | | | | | | _ | | 8270D 8270D |
| Residential Soil | | | Screening Level ² | ugrag | 30 | 1 00 | - W | - W | St. | V41. | 3/ | \42 | 31 | \ \frac{1}{2} | \35 | \J6 | | V41] | 82/00 |
| 630,000 | 8,200 | 0,000 | 8,200,000 | ug/kg | <36 | <36 | <39 | <39 | <37 | <41 | <37 | <42 | <37 | <39 | <35 | <38 | 1 2 | <41 | 8270D |
| 160,000 | 2,100 | 0,000 | 2,100,000 | | | - | | | | - | - | | | | | | _ | _ | 8270D |
| | | | | 1 -0-0 | | 1 1 | | | V | 1 | | 1.12 | 01 | - 57 | 03.1 | 50 | | V41 | 82701 |
| SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | | |
| 12 | 12 | 100 | 12 | mg/kg | NA | NA | NA I | NA | NA | NA. | 25 1 | I NA I | NA | I NA I | NA | NA I | - 1 | NA. | 6020A |
| | | | | | | | | | | | | | | | | | | | 6020A |
| 3.9 | 100 | | | | | | | | | | | | | _ | | 1 | _ | | 6020A |
| 23 | | | | | | | | | | | | | | | | | | | 6020A |
| | | | | | | - | | | | | | | | | | _ | _ | | 6020A |
| | | | | 1 | | | | | | | | | | | | - | _ | | |
| | | | | - | | | | | | | | | | - | | | | | 7471B |
| 39 | 1,000 | 100 | 100 | mg/kg | | NA NA | NA NA | NA NA | NA NA | NA NA | <0.063 | NA NA | NA NA | NA NA | NA NA | NA NA | | NA NA | 6020A 6020A |
| | 4,900 330 35,000 220,000 62,000 330 29,000 670,000 1,500,000 240,000 220,000 280,000 340 820 1,400 5,200 620 340,000 6,200 2,200 330 2,800 2,100,000 1,300,000 1,300,000 1,300,000 1,300,000 Sesidential Soil 630,000 160,000 SSni 12 550 3.9 23 400 2,3 39 | 4,900 | 4,900 17,000 800 330 1,100 330 35,000 170,000 79,000 220,000 220,000 220,000 62,000 290,000 76,000 330 330 540,000 29,000 150,000 24,000 670,000 670,000 360,000 1,500,000 1,500,000 1,500,000 240,000 3,500,000 10,000,000 240,000 3,500,000 10,000,000 280,000 5,400,000 230,000 340 2,000 9,600 820 8,600 5,500 1,400 9,400 1,200,000 5,200 68,000 2,200 620 2,900 9,200 340,000 1,100,000 560 6,200 43,000 1,500 2,200 25,000 330 330 330 330 330,000 1,700 2,100,000 1,100,000 | 4,900 | G,200 29,000 120,000 29,000 ug/kg | Color | | | Sample Sample Color Co | Sample Color Col | | Sample Abs. Abs. | State Proceedings State Process State Process State Process State Process State Process Pr | 1 | Sample March Mar | March Marc | | Second Price Pri | Section Column Column |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 4 of 5

| | | | | | Sample Id ¹ | 2015.08.18 F7.5 | 2015.08.18 DUP#04 (F7.5) | 2015.08.17 G1 | 2015.08.17 G3 | 2015.08.17 G5 | 2015.08.17 DUP#01 (G5) | 2015.08.18 H2 | 2015.08.17 H4 | 2015.08.17 I1 | 2015.08.17 DUP#02 (II) | 2015.08.18 I3 | 2015.08.17 I5 | 2015.08.17 K1 | Analytical Method |
|--|------------------|---------|-----------|---------------------------------|---------------------------|--------------------|--------------------------------|------------------|------------------|------------------|------------------------------|------------------|------------------|------------------|------------------------------|------------------|------------------|------------------|----------------------|
| Analyte | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Oual | Result Qual | Result Oual | Result Qual | |
| Dioxins and Furans | | | | | | | | | | | | | | | | 1 | - Cam | Anna Cam | |
| Regional Screening Level Summary Table ⁴ | Residential Soil | Industr | rial Soil | Screening Level ⁴ | | | | | | | | | | | | | | | |
| 2,3,7,8-TCDD | 4.9 | 2 | 22 | 22 | pg/g | NA | NA | NA | NA | NA | NA | < 0.034 | NA | NA | NA | NA | NA | NA NA | 1613B |
| 2,3,7,8-TetraCDF | NP | N | IP . | NP | pg/g | NA | NA | NA | NA | NA | NA | < 0.029 | NA | NA | NA | NA | NA | NA | 1613B |
| 1,2,3,7,8-PentaCDD | NP | N | IP. | NP | pg/g | NA | NA | NA | NA | NA | NA. | < 0.059 | NA | NA | NA | NA | NA | NA | 1613B |
| 1,2,3,7,8-PentaCDF | NP | N | IP. | NP | pg/g | NA | NA | NA | NA | NA | NA | < 0.041 | NA | NA | NA | NA | NA | NA | 1613B |
| 2,3,4,7,8-PentaCDF | NP | N | IP. | NP | pg/g | NA | NA | NA | NA | NA | NA | <0.048 | NA | NA | NA | NA | NA | NA NA | 1613B |
| 1,2,3,4,7,8-HexaCDD | NP | N | NP. | NP | pg/g | NA | NA | NA | NA | NA | NA | 0.081 J | NA | NA | NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,6,7,8-HexaCDD | NP | N | IP . | NP | pg/g | NA | NA | NA | NA | NA | NA | 0.13 J | NA | NA | NA | NA NA | NA | NA NA | 1613B |
| 1,2,3,7,8,9-HexaCDD | NP | N | IP. | NP | pg/g | NA | NA | NA | NA | NA | NA | 0.22 J, q | NA | NA | NA | NA | NA NA | NA NA | 1613B |
| 1,2,3,4,7,8-HexaCDF | NP | N | NP . | NP | pg/g | NA | NA | NA | NA | NA | NA | 0.072 J | NA | NA | NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,6,7,8-HexaCDF | NP | | IP . | NP | pg/g | NA | NA | NA | NA | NA | NA | 0.061 J | NA | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,7,8,9-HexaCDF | NP | N | NP . | NP | pg/g | NA | NA | NA | NA | NA | NA | 0.049 J | NA NA | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| 2,3,4,6,7,8-HexaCDF | NP | N | IP . | NP | pg/g | NA | NA | NA | NA | NA | NA | 0.074 J, q | NA | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,4,6,7,8-HeptaCDD | NP | N | IP. | NP | pg/g | NA | NA | NA | NA | NA | NA NA | 3.2 J, B | NA. | NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,4,6,7,8-HeptaCDF | NP | N | IP. | NP | pg/g | NA | NA | NA | NA | NA | NA | 0.25 J, B | NA | NA | NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,4,7,8,9-HeptaCDF | NP | | IP . | NP | pg/g | NA | NA | NA | NA | NA | NA | < 0.064 | NA | NA NA | NA | NA NA | NA NA | NA NA | 1613B |
| OctaCDD | NP | | IP . | NP | pg/g | NA | NA | NA | NA | NA | NA | 210 B | NA | NA | NA | NA NA | NA NA | NA NA | 1613B |
| OctaCDF | NP | | IP | NP | pg/g | NA | NA | NA | NA | NA | NA | 0.57 J, B | NA | NA | NA | NA NA | NA NA | NA NA | 1613B |
| General Chemistry | | | | | 1 100 | | | | | | | 0.01 0,0 | 2.12 | 101 | 141 | IMA | IVI | INA | 10130 |
| Regional Screening Level Summary Table ² | Residential Soil | Industr | rial Soil | Screening Level ² | | | | | | | | | | | | | | | |
| Nitrocellulose | 19,000,000 | 250,00 | 00 000 | 250,000,000 | mg/kg | NA. | NA | NA | NA | NA | NA | <0.86 F1 | NA | NA | L MA | I NA | 1 374 1 | Lari | 252 2 377 |
| Diesel Range Organics | 17,000,000 | 200,00 | | 220,000,000 | III III JAG | Tur. | IVA | IVA | IM | INA | NA | V0.00 F1 | NA | NA | NA | NA | NA | NA | 353.2_Nitrocel |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| Diesel Range Organics [C10-C28] | 65 | 510 | 65 | 65 | mg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 8015B DRO |
| Gasoline Range Organics | | | | | 11 -00 | | | | | | 1.11. | 101 | 101 | 101 | IVI | NA | IVA | NA | ONIO_DIKO |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| Gasoline Range Organics [C6-C12] | 65 | 510 | 65 | 65 | mg/kg | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA NA | 8015B GRO |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 5 of 5

| | Sample Id ¹ | 2015.08.18 F7.5 | 2015.08.18 DUP#04 (F7.5) | 2015.08.17 G1 | 2015.08.17 G3 | 2015.08.17 G5 | 2015.08.17 DUP#01 (G5) | 2015.08.18 H2 | 2015.08.17 H4 | 2015.08.17 I1 | 2015.08.17 DUP#02 (II) | 2015.08.18 I3 | 2015.08.17 I5 | 2015.08.17 K1 | Analytical Method |
|---------|------------------------|--------------------|--------------------------------|------------------|------------------|------------------|------------------------------|------------------|------------------|------------------|------------------------------|------------------|------------------|------------------|----------------------|
| Analyte | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |

Concentrations in red bold indicate the result exceeds the Screening Level.

Abbreviations:

<= Not detected at the reporting limit (or MDL or EDL if shown)

Qual = Qualifer

J= Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

F2= MS/MSD RPD exceeds control limits

F1= MS and/or MSD Recovery is outside acceptance limits

B= Compound was found in the blank and sample

q= the reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

*=LCS or LCSD is outside acceptance limits

ug/kg = micrograms per killograms

mg/kg = milligrams per killograms

pg/g = picogram per gram

RECAP = Risk Evaluation/Corrective Action Program

SSni = Soil Screening non-industrial

SSi = Soil Screening industrial

SSGW = Soil Screening protective of groundwater

NA = Not Analyzed

NP = Not Published

¹ Sample Identification = collection date (year.month.day) predetermined onsite grid location. All Area I surface soil samples were collected from 0-2 feet below ground surface. Four surface soil sample locations (B2.3; E6.5; H2; and O-0.2) were analyzed for additional parameters.

² The United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for industrial soil was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

³ The most conservative Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) Screening Standard (RSS) (dated October 2003) of the soil for industrial use (SSi) and the soil concentration protective of groundwater (SSGW) was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

The USEPA, RSL Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for industrial soil was determined as the Screening Level for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD). The 2005 World Hospital Organization Re-evaluation of Human and Mammalian Toxic Equivalency Factors (TEFs) for Dioxins and Dioxin like compounds were used to calculate the total TCDD Toxic Equivalent (TEQ) in each medium. Total TEQs in each medium were compared to the Screening Level for TCDD. Data from the baseline sample event will establish site closeout and site restoration.

⁵ Arsenic was reanalyzed in the surface soil sample location O-0.2. Reported result of Arsenic reanalysis was 3.2 mg/kg. The laboratory noted the sample was non-homogenous and could be the cause of the discrepant results. Concentrations in bold indicate the MDL exceeds the Screening Level.

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 1 of 5

| | | | | | Sample Id ¹ | 2015.08.17 K3 | 2015.08.17 K5 | 2015.08.18 L4 | 2015.08.17 M1 | 2015.08.18 M3 | 2015.08.18 M5 | 2015.08.18 N2 | 2015.08.18 O-0.2 | 2015.08.18 DUP#03 (O-0.2) | 2015.08.18 P-0.7 | 2015.08.18 P-0.4 | 2015.08.18 P-0.2 | 2015.08.18 Q-0.4 | Analytical Method |
|---|--|--|--|--|---|--|---|---|---|--|---|--|---|---|--|--|--|--|---|
| Analyte | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Oual | Result Qual | Result Qual | |
| Nitroaromatics and Nitramines | | | | | | | | | | | | | | | | | The state of the s | 1 | |
| Regional Screening Level Summary Table ² | Residential Soil | Industri | al Soil | Screening Level ² | | | | | | | | | | | | | | | |
| 1,3,5-Trinitrobenzene | 220,000 | 3,200, | ,000 | 3,200,000 | ug/kg | <27 | <25 | <24 | <26 | <25 | <26 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 8330B |
| 1,3-Dinitrobenzene | 630 | 8,20 | 00 | 8,200 | ug/kg | <43 | <40 | <39 | <41 | <40 | <41 | <43 | <43 | <43 | <43 | <42 | <43 | <43 | 8330B |
| 2,4,6-Trinitrotoluene | 3,600 | 51,0 | 00 | 51,000 | ug/kg | <35 | <33 | <32 | <34 | <33 | <34 | <35 | <36 | <36 | <35 | <35 | <35 | <36 | 8330B |
| 2,4-Dinitrotoluene | 1,700 | 7,40 | 00 | 7,400 | ug/kg | <37 | <35 | <34 | <36 | <35 | <36 | <37 | <38 | <38 | <37 | <37 | <37 | <38 | 8330B |
| 2,6-Dinitrotoluene | 360 | 1,50 | 00 | 1,500 | ug/kg | <62 | <59 | <57 | <61 | <59 | <60 | <62 | <64 | <64 | <63 | <62 | <63 | <64 | 8330B |
| 2-Amino-4,6-dinitrotoluene | 15,000 | 230,0 | 000 | 230,000 | ug/kg | <42 | <40 | <38 | <41 | <40 | <40 | <42 | <43 | <43 | <43 | <42 | <43 | | |
| 4-Amino-2,6-dinitrotoluene | 15,000 | 230,0 | 000 | 230,000 | ug/kg | <91 | <87 | <83 | <89 | <86 | <88 | <91 | <93 | <93 | <93 | | | <43 | 8330B |
| 3-Nitrotoluene | 630 | 8,20 | 00 | 8,200 | ug/kg | <54 | <52 | <50 | <53 | <51 | <52 | <54 | <56 | <56 | <55 | <91 <54 | <93 | <93 | 8330B |
| Nitrobenzene | 5,100 | 22,0 | | 22,000 | ug/kg | <42 | <40 | <39 | <41 | <40 | <41 | <42 | <43 | <43 | <43 | | <55 | <56 | 8330B |
| Nitroglycerin | 630 | 8,20 | | 8,200 | ug/kg | <260 | <250 | <240 | <260 | <250 | <250 | <260 | <270 | <270 | <270 | <42 <260 | <43 | <43 | 8330B |
| 2-Nitrotoluene | 3,200 | 15,0 | | 15,000 | ug/kg | <64 | <60 | <58 | <62 | <60 | <61 | <64 | <65 | <65 | <65 | | <270 | <270 | 8330B |
| 4-Nitrotoluene | 25,000 | 140,0 | | 140,000 | ug/kg | <80 | <76 | <73 | <77 | <75 | <77 | <80 | <81 | | | <63 | <65 | <65 | 8330B |
| Pentaerythritol Tetranitrate | 13,000 | 160,0 | | 160,000 | ug/kg | <340 | <320 | <310 | <330 | <320 | <320 | <340 | | <81 | <81 | <79 | <81 | <81 | 8330B |
| RDX | 6,100 | 28,0 | | 28,000 | ug/kg | <61 | <58 | <56 | <59 | <57 | <59 | | <340 | <340 | <340 | <340 | <340 | <340 | 8330B |
| HMX | 390,000 | 5,700, | | 5,700,000 | ug/kg | <38 | <36 | <35 | <37 | <36 | | <61 | <62 | <62 | <62 | <61 | <62 | <62 | 8330B |
| Tetryl | 16,000 | 230,0 | | 230,000 | ug/kg ug/kg | <45 | <43 | <41 | <44 F1 | <42 | <37 | <38 | <39 | <39 | <39 | <38 | <39 | <39 | 8330B |
| Volatile Organic Compounds | 10,000 | 200,0 | | 250,000 | ug/ng | V43 | V43 | N41 | V44 [F] | C42 | <43 | <45 | <46 | <46 | <46 | <45 F2, F1 | <46 | <46 | 8330B |
| RECAP Screening Standards ³ 1.1.1.2-Tetrachloroethane | SSni 2,700 | 5,900 | SSGW | Level ³ | | Land | Lant | Carel | C | | | | | | | | | | |
| 1.1.1-Trichloroethane | 82,000 | | 46 | 46 | ug/kg | <0.32 | <0.30 | <0.31 | <0.33 F2 | <0.36 | <0.29 | <0.34 | <0.28 | <0.28 | <0.30 | <0.33 | <0.31 | <0.31 | 8260C |
| 1.1.2.2-Tetrachloroethane | 82,000 | 700,000 | 4,000 | 4,000 | ug/kg | <0.39 | <0.37 | <0.38 | <0.41 F2 | <0.44 | <0.35 | <0.42 | <0.35 | <0.35 | <0.37 | <0.40 | <0.39 | <0.38 | 8260C |
| 1,1,2-Trichloroethane | 1,900 | 2,000 | 6 | 6 | ug/kg | <0.37 | <0.35 | <0.36 | <0.38 F2 | <0.41 | < 0.33 | < 0.39 | < 0.32 | -0.22 | < 0.34 | -0.27 | < 0.36 | 20 DE | |
| 1,1-Dichloroethane | | 4,300 | 58 | | ug/kg | < 0.52 | < 0.49 | <0.51 | | | | | | <0.32 | V0.34 | <0.37 | V0.30 | <0.35 | 8260C |
| 1.1-Dichloroethene | 66,000 | 470,000 | | 58 | | | | | <0.54 F2 | <0.59 | <0.46 | <0.56 | <0.46 | <0.46 | <0.48 | <0.53 | <0.51 | <0.50 | 8260C 8260C |
| 1,2-Dibromo-3-chloropropane | 13,000 | 91,000 | 7,500 | 7,500 | ug/kg | <0.36 | <0.34 | <0.35 | <0.37 F2 | <0.59 <0.40 | <0.46 <0.32 | <0.56 <0.38 | <0.46 <0.32 | | | | | | |
| 1,2-Dibromo-3-chioropropane | | | 85 | 7,500 85 | ug/kg ug/kg | <0.36 <1.5 | <0.34 <1.4 | <0.35 <1.4 | <0.37 F2 <1.5 F2 | <0.59 <0.40 <1.7 | <0.46 <0.32 <1.3 | <0.56 <0.38 <1.6 | <0.46 <0.32 <1.3 | <0.46 <0.31 <1.3 | <0.48 | <0.53 | <0.51 | <0.50 | 8260C |
| | 180 | 1,600 | 85 10 | 7,500 85 10 | ug/kg ug/kg ug/kg | <0.36 <1.5 <1.3 | <0.34 <1.4 <1.3 | <0.35 <1.4 <1.3 | <0.37 F2 <1.5 F2 <1.4 F2 | <0.59 <0.40 <1.7 <1.5 | <0.46 <0.32 <1.3 <1.2 | <0.56 <0.38 <1.6 <1.4 | <0.46 <0.32 <1.3 <1.2 | <0.46 <0.31 <1.3 <1.2 | <0.48 <0.33 <1.4 <1.2 | <0.53 <0.36 <1.5 <1.3 | <0.51 <0.35 | <0.50 <0.34 | 8260C 8260C |
| 1,2-Dichloroethane | 820 | 1,600 1,800 | 85 10 35 | 7,500 85 10 35 | ug/kg ug/kg ug/kg ug/kg | <0.36 <1.5 <1.3 <0.80 | <0.34 <1.4 <1.3 <0.75 | <0.35 <1.4 <1.3 <0.78 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 | <0.46 <0.32 <1.3 <1.2 <0.71 | <0.56 <0.38 <1.6 <1.4 <0.85 | <0.46 <0.32 <1.3 <1.2 <0.70 | <0.46 <0.31 <1.3 | <0.48 <0.33 <1.4 <1.2 <0.74 | <0.53 <0.36 <1.5 <1.3 <0.81 | <0.51 <0.35 <1.4 | <0.50 <0.34 <1.4 | 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane | 820 690 | 1,600 1,800 1,800 | 85 10 35 42 | 7,500 85 10 35 42 | ug/kg ug/kg ug/kg ug/kg ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 | <0.34 <1.4 <1.3 <0.75 <0.33 | <0.35 <1.4 <1.3 <0.78 <0.34 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 | <0.51 <0.35 <1.4 <1.3 | <0.50 <0.34 <1.4 <1.3 | 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total | 820 690 3,100 | 1,600 1,800 1,800 10,000 | 85 10 35 42 40 | 7,500 85 10 35 42 40 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 <0.90 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 | <0.46 <0.31 <1.3 <1.2 <0.70 | <0.48 <0.33 <1.4 <1.2 <0.74 | <0.53 <0.36 <1.5 <1.3 <0.81 | <0.51 <0.35 <1.4 <1.3 <0.78 | <0.50 <0.34 <1.4 <1.3 <0.77 | 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) | 820 690 3,100 590,000 | 1,600 1,800 1,800 10,000 4,400,000 | 85 10 35 42 40 5,000 | 7,500 85 10 35 42 40 5,000 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 <0.90 <1.8 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 | 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) | 820 690 3,100 590,000 450,000 | 1,600 1,800 1,800 10,000 4,400,000 3,100,000 | 85 10 35 42 40 5,000 6,400 | 7,500 85 10 35 42 40 5,000 6,400 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 <0.90 <1.8 F2 <0.69 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone | 820 690 3,100 590,000 450,000 170,000 | 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 | 85 10 35 42 40 5,000 6,400 1,500 | 7,500 85 10 35 42 40 5,000 6,400 1,500 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 <0.90 <1.8 F2 <0.69 F2 7.4 J, F1 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene | 820 690 3,100 590,000 450,000 170,000 1,500 | 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 | 85 10 35 42 40 5,000 6,400 1,500 51 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 <0.90 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 <0.21 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.85 <1.8 <0.68 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane | 820 690 3,100 590,000 450,000 170,000 1,500 1,800 | 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 | 85 10 35 42 40 5,000 6,400 1,500 51 920 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 <0.23 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J <0.22 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 <0.90 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 <0.24 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 <0.26 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 <0.20 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 <0.24 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 <0.20 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 <0.20 <0.20 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 <0.21 <0.21 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 <0.23 <0.23 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 51 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform | 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 | 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 | 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 <0.23 <0.34 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 <0.22 <0.32 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J <0.22 <0.33 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 <0.90 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 <0.24 F2 <0.35 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 <0.26 <0.38 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 <0.20 <0.30 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 <0.24 <0.36 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 <0.20 <0.30 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 <0.20 <0.20 <0.30 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 <0.21 <0.21 <0.31 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 <0.23 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 51 <0.22 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane | 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 | 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 | 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 <0.23 <0.34 <1.0 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 <0.22 <0.32 <0.95 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J <0.22 <0.33 <0.98 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 <0.90 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 <0.24 F2 <0.35 F2 <1.0 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 <0.26 <0.38 <1.1 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 <0.20 <0.30 <0.90 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 <0.24 <0.36 <1.1 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 <4.5 J <0.62 <45 <0.21 <0.21 <0.31 <0.94 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 <0.23 <0.23 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 51 <0.22 <0.22 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide | 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 | 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 | 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 <0.23 <0.34 <1.0 <0.63 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 <0.22 <0.32 <0.95 <0.60 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J <0.22 <0.33 <0.98 <0.61 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.36 F2 <0.90 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 <0.35 F2 <1.0 F2 <0.66 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 <0.26 <0.38 <1.1 <0.71 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 <0.20 <0.30 <0.90 <0.56 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 <0.24 <0.36 <1.1 <0.67 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 <0.20 <0.30 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 <0.20 <0.20 <0.30 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 <0.21 <0.21 <0.31 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 <0.23 <0.23 <0.34 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 51 <0.22 <0.22 <0.33 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride | 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 | 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 | 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 <0.23 <0.24 <1.0 <0.63 <0.47 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 <0.32 <0.95 <0.60 <0.44 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J <0.22 <0.33 <0.98 <0.61 <0.45 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.90 F2 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 <0.35 F2 <1.0 F2 <0.66 F2 <0.49 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 <0.26 <0.38 <1.1 <0.71 <0.53 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 <0.20 <0.30 <0.90 <0.56 <0.42 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 <0.24 <0.36 <1.1 <0.67 <0.50 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 <0.21 <0.21 <0.31 <0.94 <0.59 <0.43 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 <0.23 <0.23 <0.34 <1.0 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 <0.99 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 51 <0.22 <0.22 <0.33 <0.97 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene | 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 17,000 | 1,600 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 120,000 | 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 <0.23 <0.23 <0.34 <1.0 <0.63 <0.47 <0.35 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 <0.22 <0.32 <0.95 <0.60 <0.44 <0.33 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J <0.22 <0.33 <0.98 <0.61 <0.45 <0.34 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.90 F2 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 <0.35 F2 <1.0 F2 <0.66 F2 <0.49 F2 <0.66 F2 <0.36 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 <0.26 <0.38 <1.1 <0.71 <0.53 <0.39 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 <0.20 <0.30 <0.90 <0.56 <0.42 <0.31 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 <0.24 <0.36 <1.1 <0.67 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 <0.56 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 <0.56 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 <0.21 <0.21 <0.31 <0.94 <0.59 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 <0.23 <0.23 <0.34 <1.0 <0.64 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 <0.99 <0.62 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 51 <0.22 <0.22 <0.33 <0.97 <0.61 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene Dibromochloromethane (chlorodibromomethane) | 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 17,000 2,200 | 1,600 1,800 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 120,000 5,400 | 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 1,000 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 1,000 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 <0.23 <0.24 <1.0 <0.63 <0.47 <0.35 <0.37 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 <0.22 <0.22 <0.33 <0.85 <0.85 <0.25 <0.25 <0.35 <0.35 <0.35 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J <0.22 <0.33 <0.98 <0.61 <0.45 <0.34 <0.37 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.90 F2 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 <0.24 F2 <0.66 F2 <0.66 F2 <0.49 F2 <0.35 F2 <0.66 F2 <0.49 F2 <0.36 F2 <0.39 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 <0.26 <0.38 <1.1 <0.71 <0.53 <0.39 <0.42 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 <0.20 <0.20 <0.30 <0.90 <0.56 <0.42 <0.31 <0.33 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 <0.24 <0.26 <0.36 <1.1 <0.67 <0.50 <0.37 <0.40 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 <0.56 <0.41 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 <0.56 <0.41 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 <0.21 <0.21 <0.31 <0.94 <0.59 <0.43 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 <0.23 <0.23 <0.34 <1.0 <0.64 <0.47 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.33 <0.99 <0.62 <0.46 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 51 <0.22 <0.22 <0.33 <0.97 <0.61 <0.45 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene Dibromochloromethane (chlorodibromomethane) Chloroethane | 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 17,000 2,200 4,100 | 1,600 1,800 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 120,000 5,400 8,200 | 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 1,000 35 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 1,000 35 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 <0.23 <0.23 <0.34 <1.0 <0.63 <0.47 <0.35 <0.37 <0.48 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 <0.22 <0.22 <0.32 <0.95 <0.60 <0.44 <0.33 <0.35 <0.45 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J <0.22 <0.33 <0.98 <0.61 <0.45 <0.34 <0.37 <0.46 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.90 F2 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 <0.35 F2 <1.0 F2 <0.66 F2 <0.49 F2 <0.66 F2 <0.36 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 <0.26 <0.38 <1.1 <0.71 <0.53 <0.39 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 <0.20 <0.30 <0.90 <0.56 <0.42 <0.31 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 <0.24 <0.36 <1.1 <0.67 <0.50 <0.37 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 <0.30 <0.89 <0.56 <0.41 <0.31 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 <0.56 <0.41 <0.31 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 <0.21 <0.21 <0.31 <0.94 <0.59 <0.43 <0.32 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 <0.23 <0.23 <0.34 <1.0 <0.64 <0.47 <0.35 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.22 <0.33 <0.99 <0.62 <0.46 <0.34 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 51 <0.22 <0.22 <0.33 <0.97 <0.61 <0.45 <0.34 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |
| 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene Dibromochloromethane (chlorodibromomethane) | 820 690 3,100 590,000 450,000 170,000 1,500 1,800 48,000 430 36,000 180 17,000 2,200 | 1,600 1,800 1,800 1,800 10,000 4,400,000 3,100,000 1,400,000 3,100 4,200 180,000 3,000 250,000 1,100 120,000 5,400 | 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 1,000 | 7,500 85 10 35 42 40 5,000 6,400 1,500 51 920 1,800 40 11,000 110 3,000 1,000 | ug/kg | <0.36 <1.5 <1.3 <0.80 <0.35 <0.87 <1.8 <0.67 <5.9 <0.23 <0.23 <0.24 <1.0 <0.63 <0.47 <0.35 <0.37 | <0.34 <1.4 <1.3 <0.75 <0.33 <0.82 <1.7 <0.63 <5.6 <0.22 <0.22 <0.22 <0.33 <0.85 <0.85 <0.25 <0.25 <0.35 <0.35 <0.35 | <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 24 <0.65 150 0.69 J <0.22 <0.33 <0.98 <0.61 <0.45 <0.34 <0.37 | <0.37 F2 <1.5 F2 <1.4 F2 <0.83 F2 <0.90 F2 <1.8 F2 <0.69 F2 7.4 J, F1 <0.24 F2 <0.24 F2 <0.66 F2 <0.66 F2 <0.49 F2 <0.35 F2 <0.66 F2 <0.49 F2 <0.36 F2 <0.39 F2 | <0.59 <0.40 <1.7 <1.5 <0.90 <0.39 <0.98 <2.0 <0.75 <6.7 <0.26 <0.26 <0.38 <1.1 <0.71 <0.53 <0.39 <0.42 | <0.46 <0.32 <1.3 <1.2 <0.71 <0.31 <0.77 2.8 J <0.60 45 <0.20 <0.20 <0.30 <0.90 <0.56 <0.42 <0.31 <0.33 | <0.56 <0.38 <1.6 <1.4 <0.85 <0.37 <0.93 <1.9 <0.71 7.4 J <0.24 <0.24 <0.26 <0.36 <1.1 <0.67 <0.50 <0.37 <0.40 | <0.46 <0.32 <1.3 <1.2 <0.70 <0.31 <0.77 <1.6 <0.59 <5.2 <0.20 <0.20 <0.30 <0.89 <0.56 <0.41 <0.31 <0.33 | <0.46 <0.31 <1.3 <1.2 <0.70 <0.31 <0.77 <1.5 <0.59 <5.2 <0.20 <0.20 <0.89 <0.56 <0.41 <0.31 <0.33 | <0.48 <0.33 <1.4 <1.2 <0.74 <0.32 <0.81 4.5 J <0.62 45 <0.21 <0.21 <0.31 <0.94 <0.59 <0.43 <0.32 <0.35 | <0.53 <0.36 <1.5 <1.3 <0.81 <0.35 <0.88 <1.8 <0.68 <6.0 <0.23 <0.23 <0.34 <1.0 <0.64 <0.47 <0.35 <0.38 | <0.51 <0.35 <1.4 <1.3 <0.78 <0.34 <0.85 <1.7 <0.65 <5.8 <0.22 <0.22 <0.22 <0.33 <0.99 <0.62 <0.46 <0.34 <0.37 | <0.50 <0.34 <1.4 <1.3 <0.77 <0.34 <0.84 5.4 J <0.64 51 <0.22 <0.22 <0.33 <0.97 <0.61 <0.45 <0.34 <0.36 | 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C 8260C |

Table 1
Area I Surface Soil Data Summary
Baseline Sample Event
M6 Destruction Project
Camp Minden National Guard Training Site
Minden, Louisiana
Page 2 of 5

| Analysis | | | | | Sample Id ¹ | 2015.08.17 K3 | 2015.08.17 K5 | 2015.08.18 L4 | 2015.08.17 M1 | 2015.08.18 M3 | 2015.08.18 M5 | 2015.08.18 N2 | 2015.08.18 O-0.2 | 2015.08.18 DUP#03 (O-0.2) | 2015.08.18 P-0.7 | 2015.08.18 P-0.4 | 2015.08.18 P-0.2 | 2015.08.18 Q-0.4 | Analytical Method |
|---|-----------|------------|---------|---------------------------------|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Analyte | T | | | | Units | Result Qual | | Result Qual | Result Qual | | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| cis-1,2-Dichloroethene | 4,800 | 34,000 | 490 | 490 | ug/kg | < 0.55 | <0.52 | <0.53 | <0.57 F2 | <0.62 | <0.49 | <0.59 | <0.49 | <0.48 | <0.51 | <0.56 | < 0.54 | <0.53 | 8260C |
| Ethyl benzene | 160,000 | 230,000 | 19,000 | 19,000 | ug/kg | <0.27 | <0.26 | < 0.27 | <0.29 F2 | 0.33 J | < 0.24 | <0.29 | <0.24 | <0.24 | <0.26 | <0.28 | <0.27 | <0.27 | 8260C |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 5,500 | ug/kg | <0.62 | <0.59 | <0.61 | <0.65 F2 | <0.70 | <0.55 | <0.66 | <0.55 | <0.55 | <0.58 | <0.63 | < 0.61 | < 0.60 | 8260C |
| Isobutylalcohol | 730,000 | 6,200,000 | 30,000 | 30,000 | ug/kg | <23 | <22 | <23 | <24 F2 | <26 | <21 | <25 | <21 | <20 | <22 | <24 | <23 | <22 | 8260C |
| Methyl tert-butyl ether (MTBE) | 650,000 | 4,700,000 | 77 | 77 | ug/kg | <0.44 | <0.42 | <0.43 | <0.46 F2 | <0.49 | <0.39 | <0.47 | <0.39 | <0.39 | <0.41 | < 0.45 | < 0.43 | < 0.42 | 8260C |
| Methylene Chloride | 19,000 | 44,000 | 17 | 17 | ug/kg | <1.4 | <1.4 | <1.4 | <1.5 F2 | <1.6 | <1.3 | <1.5 | <1.3 | <1.3 | <1.3 | <1.5 | <1.4 | <1.4 | 8260C |
| Styrene | 500,000 | 1,700,000 | 11,000 | 11,000 | ug/kg | < 0.32 | <0.30 | <0.31 | <0.33 F2 | <0.36 | <0.29 | <0.34 | <0.28 | <0.28 | < 0.30 | <0.33 | <0.31 | <0.31 | 8260C |
| Tetrachloroethene (tetrachloroethylene) | 8,300 | 35,000 | 180 | 180 | ug/kg | <0.29 | <0.28 | <0.29 | <0.30 F2 | <0.33 | <0.26 | <0.31 | <0.26 | <0.26 | < 0.27 | <0.30 | <0.29 | <0.28 | 8260C |
| Toluene | 68,000 | 470,000 | 20,000 | 20,000 | ug/kg | < 0.64 | <0.61 | < 0.62 | <0.67 F2 | <0.72 | <0.57 | <0.68 | < 0.57 | <0.56 | < 0.60 | < 0.65 | < 0.63 | <0.62 | 8260C |
| trans-1,2-Dichloroethene | 6,900 | 48,000 | 770 | 770 | ug/kg | <0.86 | <0.81 | < 0.84 | <0.89 F2 | < 0.97 | <0.77 | <0.92 | <0.76 | <0.76 | < 0.80 | < 0.87 | <0.84 | < 0.83 | 8260C |
| Trichloroethene | 100 | 210 | 73 | 73 | ug/kg | <0.36 | <0.34 | < 0.35 | <0.37 F2 | < 0.40 | <0.32 | <0.38 | <0.32 | <0.31 | <0.33 | <0.36 | <0.35 | <0.34 | 8260C |
| Trichlorofluoromethane | 38,000 | 260,000 | 37,000 | 37,000 | ug/kg | <0.46 | < 0.43 | < 0.45 | <0.48 F2 | <0.51 | <0.41 | < 0.49 | <0.40 | <0.40 | < 0.43 | <0.46 | <0.45 | <0.44 | 8260C |
| Vinyl Chloride | 240 | 790 | 13 | 13 | ug/kg | <0.39 | < 0.37 | <0.38 | <0.41 F2 | < 0.44 | <0.35 | <0.42 | <0.35 | <0.35 | <0.37 | <0.40 | <0.39 | <0.38 | 8260C |
| Xylenes (total) | 18,000 | 120,000 | 150,000 | 120,000 | ug/kg | 1.6 J | < 0.74 | <0.76 | <0.81 F2 | 2.1 J | <0.69 | <0.83 | <0.69 | <0.69 | <0.72 | <0.79 | <0.76 | <0.75 | 8260C |
| Semivolatile Organic Compounds | | | | | | | | | | | | | 5.65 | 10.07 | V.12 | 40.12 | 10.70 | 50.75 | 0200C |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| 1,1 Biphenyl | 230,000 | 230,000 | 190,000 | 190,000 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| 1,2,4,5-Tetrachlorobenzene | 1,200 | 12,000 | 6,900 | 6,900 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| 1,2,4-Trichlorobenzene | 66,000 | 1,200,000 | 14,000 | 14,000 | ug/kg | <37 | <37 | <39 | <37 F1 | <40 | <38 | <37 | <38 | <39 | <41 | <42 F1 | <37 | <39 | 8270D |
| 1,2-Dichlorobenzene | 99,000 | 380,000 | 29,000 | 29,000 | ug/kg | <37 | <37 | <39 | <37 F1 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| 1,3-Dichlorobenzene | 2,100 | 18,000 | 2,100 | 2,100 | ug/kg | <37 | <37 | <39 | <37 F1 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| 1,3-Dinitrobenzene | 450 | 5,000 | 250 | 250 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| 1,4-Dichlorobenzene | 6,700 | 16,000 | 5,700 | 5,700 | ug/kg | <37 | <37 | <39 | <37 F1 | <40 | <38 | <37 | <38 | <39 | <41 | <42 F1 | <37 | <39 | 8270D |
| 2,3,4,6-Tetrachlorophenol | 140,000 | 1,400,000 | 31,000 | 31,000 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D 8270D |
| 2,4,5-Trichlorophenol | 530,000 | 6,600,000 | 320,000 | 320,000 | ug/kg | <37 | <37 | <39 | <37 F1 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D 8270D |
| 2,4,6-Trichlorophenol | 40,000 | 170,000 | 1,300 | 1,300 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| 2,4-Dichlorophenol | 16,000 | 200,000 | 12,000 | 12,000 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D 8270D |
| 2,4-Dimethylphenol | 93,000 | 1,100,000 | 20,000 | 20,000 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D 8270D |
| 2,4-Dinitrophenol | 7,100 | 69,000 | 1,700 | 1,700 | ug/kg | <370 | <370 | <390 | <370 | <400 | <380 | <360 | <380 | <390 | <410 | <420 | <360 | <380 | 8270D 8270D |
| 2,4-Dinitrotoluene | 8,900 | 98,000 | 1,000 | 1,000 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | |
| 2,6-Dinitrotoluene | 4,300 | 46,000 | 390 | 390 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D 8270D |
| 2-Chloronaphthalene | 500,000 | 8.300,000 | 500,000 | 500,000 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D 8270D |
| 2-Chlorophenol | 15,000 | 140,000 | 1,400 | 1,400 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| 2-Methylnaphthalene | 22,000 | 170,000 | 1,700 | 1,700 | ug/kg | <37 | <37 | <39 | <37 F1 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | | | |
| 2-Nitroaniline | 1,700 | 1,700 | 1,700 | 1,700 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | | | <37 | <39 | 8270D |
| 3,3-Dichlorobenzidine | 970 | 4,200 | 1,800 | 1,800 | ug/kg | <370 | <370 | <390 | <370 F1 | <400 | <380 | <360 | <380 | | <41 | <42 | <37 | <39 | 8270D |
| 3-Nitroaniline | 13,000 | 140,000 | 1,700 | 1,700 | ug/kg | <37 | <37 | <39 | <37 F1 | <400 | <38 | <37 | | <390 | <410 | <420 F1 | <360 | <380 | 8270D |
| 4-Nitroaniline | 10,000 | 100,000 | 1,700 | 1,700 | ug/kg | <370 | <370 | <390 | <370 | <400 | | | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| 4-Nitrophenol | 32,000 | 330,000 | 2,600 | 2,600 | ug/kg | <370 | <370 | <390 | <370 | <400 | <380 | <360 | <380 | <390 | <410 | <420 | <360 | <380 | 8270D |
| Acenaphthene | 370,000 | 6,100,000 | 220,000 | 220,000 | ug/kg | <37 | <37 | <39 | <37 | <400 | <380 | <360 | <380 | <390 | <410 | <420 | <360 | <380 | 8270D |
| Acenaphthylene | 350,000 | 5,100,000 | 88,000 | 88.000 | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Aniline | 2,400 | 17,000 | 65 | 65 | 1 | <67 | | | | | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Anthracene | 2,200,000 | 48,000,000 | 120,000 | 120,000 | ug/kg | | <66 | <71 | <67 | <72 | <69 | <66 | <69 | <70 | <74 | <76 | <66 | <69 | 8270D |
| Benz(a)anthracene | 620 | 2,900 | 330,000 | | ug/kg | <37 | <37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Benzo(a)pyrene | 330 | - | | 2,900 | ug/kg | <37 | 37 | <39 | <37 | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Deneo(a)pyrene | 620 | 2,900 | 23,000 | 2,900 | ug/kg | <37 <37 | <37 <37 | <39 <39 | <37 | <40 <40 | <38 <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 3 of 5

| | | | | | Sample Id ¹ | 2015.0 K. | 100 | 2015.08.1 K5 | 7 2 | 015.08.18 L4 | 2015.08.1 M1 | 7 2 | 2015.08.18 M3 | 2015.08.18 M5 | 2015.08.18 N2 | 2015.08.18 O-0.2 | 2015.08.18 DUP#03 (O-0.2) | 2015.08.18 P-0.7 | 2015.08.18 P-0.4 | 2015.08.18 P-0.2 | 2015.08.18 Q-0.4 | Analytical Method |
|--|------------------|------------|------------|---------------------------------|------------------------|--------------|------|-----------------|-------|-----------------|-----------------|-------|------------------|------------------|------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Analyte | | | | | Units | Result | Qual | Result Qu | al Re | sult Qual | Result Qu | al Re | esult Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qua | l Result Qual | |
| Benzo(k)fluoranthene | 6,200 | 29,000 | 120,000 | 29,000 | ug/kg | <37 | | <37 | < | 39 | <37 | < | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Bis(2-chlorisopropyl)ether | 4,900 | 17,000 | 800 | 800 | ug/kg | <37 | | <37 | < | 39 | <37 | < | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Bis(2-chloroethyl)ether | 330 | 1,100 | 330 | 330 | ug/kg | <37 | | <37 | < | 39 | <37 | < | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Bis(2-ethylhexyl)phthalate | 35,000 | 170,000 | 79,000 | 79,000 | ug/kg | 110 | J,B | 120 J,B | < | 54 | <51 | < | <55 | <52 | <50 | <52 | <53 | <56 | <57 | <50 | <52 | 8270D |
| Butyl benzyl phthalate | 220,000 | 220,000 | 220,000 | 220,000 | ug/kg | <37 | | <37 | < | 39 | <37 | < | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Chrysene | 62,000 | 290,000 | 76,000 | 76,000 | ug/kg | <37 | | <37 | < | 39 | <37 | < | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Dibenz(a,h)anthracene | 330 | 330 | 540,000 | 330 | ug/kg | <37 | | <37 | < | 39 | <37 | < | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Dibenzofuran | 29,000 | 150,000 | 24,000 | 24,000 | ug/kg | <37 | 1 | <37 | < | 39 | <37 | < | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Diethyl phthalate | 670,000 | 670,000 | 360,000 | 360,000 | ug/kg | <37 | | <37 | | 39 | <37 | < | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Dimethyl phthalate | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | ug/kg | <37 | + 1 | <37 | < | 39 | <37 | < | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Di-n-octyl phthalate | 240,000 | 3,500,000 | 10,000,000 | 3,500,000 | ug/kg | <37 | 11.4 | <37 | < | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Fluoranthene | 220,000 | 2,900,000 | 1,200,000 | 1,200,000 | ug/kg | <37 | - | <37 | | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Fluorene | 280,000 | 5,400,000 | 230,000 | 230,000 | ug/kg | <37 | | <37 | _ | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D 8270D |
| Hexachlorobenzene | 340 | 2,000 | 9,600 | 2,000 | ug/kg | <37 | - | <37 | _ | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | 39 | 8270D 8270D |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 5,500 | ug/kg | <37 | | <37 | _ | 39 | <37 F1 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 F1 | <37 | <39 | 8270D 8270D |
| Hexachlorocyclopentadiene | 1,400 | 9,400 | 1,200,000 | 9,400 | ug/kg | <370 | | <370 | | 390 | <370 | _ | 400 | <380 | <360 | <380 | <390 | <410 | <420 | <360. | <380 | 8270D 8270D |
| Hexachloroethane | 5,200 | 68,000 | 2,200 | 2,200 | ug/kg | <37 | | <37 | _ | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D 8270D |
| Indeno(1,2,3-cd)pyrene | 620 | 2,900 | 9,200 | 2,900 | ug/kg | <37 | | <37 | _ | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | | |
| Isophorone | 340,000 | 1,100,000 | 560 | 560 | ug/kg | <37 | | <37 | _ | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 <39 | 8270D |
| Naphthalene | 6,200 | 43,000 | 1,500 | 1,500 | ug/kg | <37 | | <37 | | 39 | <37 F1 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D 8270D |
| Nitrobenzene | 2,200 | 25,000 | 330 | 330 | ug/kg | <37 | | <37 | _ | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | | | |
| N-Nitrosodi-n-propylamine | 330 | 330 | 330 | 330 | ug/kg | <37 | | <37 | _ | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 <37 | <39 <39 | 8270D |
| Pentachlorophenol | 2,800 | 9,700 | 1,700 | 1,700 | ug/kg | <370 | | <370 | | 390 | <370 | _ | 400 | <380 | <360 | <380 | <390 | <410 | <420 | <360 | _ | 8270D |
| Phenanthrene | 2,100,000 | 43,000,000 | 660,000 | 660,000 | ug/kg | <37 | | <37 | _ | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | | | <380 | 8270D |
| Phenol | 1,300,000 | 15,000,000 | 11,000 | 11,000 | ug/kg | <37 | | <37 | _ | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Pyrene | 230,000 | 5,600,000 | 1,100,000 | 1,100,000 | ug/kg | <37 | | <37 | | 39 | <37 | _ | <40 | <38 | <37 | <38 | <39 | | <42 | <37 | <39 | 8270D |
| N-Nitrosodiphenylamine | 90,000 | 400,000 | 2,100 | 2,100 | ug/kg | <37 | | <37 | | 39 | <37 | _ | <40 | <38 | <37 | <38 | | <41 | <42 | <37 | <39 | 8270D |
| Regional Screening Level Summary Table ² | Residential Soil | | rial Soil | Screening Level ² | 49.45 | - 01 | | 0, 1 | | 57 | - Oi | | 940 | 56 | SI | \36 | <39 | <41 | <42 | <37 | <39 | 8270D |
| Di-n-butyl phthalate | 630,000 | 8,200 | 0,000 | 8,200,000 | ug/kg | <37 | | <37 | 1 < | 39 | <37 | 1 < | <40 | <38 | <37 | <38 | <39 | <41 | z12 | 07 | 1 20 1 | 9270D |
| Diphenylamine | 160,000 | 2,100 | - | 2,100,000 | ug/kg | <37 | | <37 | _ | 39 | <37 | _ | 40 | <38 | <37 | <38 | <39 | <41 | <42 <42 | <37 | <39 | 8270D |
| RCRA Metals | | | | | 49.45 | | _ | 01 | | 07 | - 01 | | -10 | 00. | OI | 70 | \J9 | N41 | V4Z | 3/ | <39 | 8270D |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | | | | |
| Arsenic | 12 | 12 | 100 | 12 | mg/kg | NA | | NA | IN | IA | NA | 13 | NA I | NA | NA | 17/3.25 | NA | NA | -NA | NA I | Lara | (020) |
| Barium | 550 | 14,000 | 2,000 | 2,000 | mg/kg | NA | | NA | | IA. | NA | _ | NA NA | NA NA | NA NA | 1100 | NA NA | | NA NA | NA NA | NA NA | 6020A |
| Cadmium | 3.9 | 100 | 20 | 20 | mg/kg | NA | | NA NA | _ | IA | NA NA | _ | NA NA | NA NA | NA NA | 4.9 | | NA NA | NA NA | NA NA | NA NA | 6020A |
| Chromium | 23 | 610 | 100 | 100 | mg/kg | NA | | NA | | IA | NA . | _ | NA NA | NA NA | NA NA | | NA NA | NA NA | NA NA | NA NA | NA NA | 6020A |
| Lead | 400 | 1,400 | 100 | 100 | mg/kg | NA | | NA NA | _ | IA I | NA NA | | NA NA | | | 22 | NA NA | NA NA | NA NA | NA | NA NA | 6020A |
| Mercury | 2.3 | 61 | 4 | 4 | mg/kg | NA | | NA NA | _ | IA I | NA NA | _ | NA NA | NA NA | NA NA | 61 | NA NA | NA NA | NA | NA | NA NA | 6020A |
| Selenium | 39 | 1,000 | 20 | 20 | | NA | | NA NA | _ | | | _ | | NA NA | NA NA | 0.034 J | NA NA | NA NA | NA | NA | NA | 7471B |
| Silver | 39 | 1,000 | 100 | 100 | mg/kg | NA | | | _ | IA IA | NA NA | _ | NA I | NA. | NA NA | 2.6 | NA | NA | NA | NA | NA | 6020A |
| | 33 | 1,000 | 100 | 100 | mg/kg | NA | | NA | I I | IA | NA | 1 | NA | NA | NA | 0.21 J | NA | NA | NA. | NA | NA | 6020A |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 4 of 5

| Analyte Dioxins and Furans | | | | | Id ¹ | 2015.08.17 K3 | 2015.08.17 K5 | 2015.08.18 L4 | 2015.08.17 M1 | 2015.08.18 M3 | 2015.08.18 M5 | 2015.08.18 N2 | 2015.08.18 O-0.2 | 2015.08.18 DUP#03 (O-0.2) | 2015.08.18 P-0.7 | 2015.08.18 P-0.4 | 2015.08.18 P-0.2 | 2015.08.18 Q-0.4 | Analytical Method |
|--|------------------|----------|----------|---------------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Dioxins and Furans | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| | | | | | | | | | | | | | | | | | | | |
| Regional Screening Level Summary Table ⁴ | Residential Soil | Industri | ial Soil | Screening Level ⁴ | | | | | | | | | | | | | | | |
| 2,3,7,8-TCDD | 4.9 | 22 | 2 | 22 | pg/g | NA | 0.76 J | NA | NA | NA | NA | NA | 1613B |
| 2,3,7,8-TetraCDF | NP | NI | P | NP | pg/g | NA | 0.30 J | NA | NA | NA | NA | NA | 1613B |
| 1,2,3,7,8-PentaCDD | NP | NI | P | NP | pg/g | NA | 0.81 J | NA | NA | NA | NA | NA | 1613B |
| 1,2,3,7,8-PentaCDF | NP | NI | P | NP | pg/g | NA | < 0.066 | NA | NA | NA | NA | NA | 1613B |
| 2,3,4,7,8-PentaCDF | NP | NI | P | NP | pg/g | NA | <0.073 | NA | NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,4,7,8-HexaCDD | NP | NI | P | NP | pg/g | NA | 0.78 J | NA NA | NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,6,7,8-HexaCDD | NP | NI | P | NP | pg/g | NA | NA | NA | NA | NA | NA | NA NA | 2.0 J | NA | NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,7,8,9-HexaCDD | NP | NI | | NP | pg/g | NA | 2.2 J | NA | NA | NA | NA | NA NA | 1613B |
| 1,2,3,4,7,8-HexaCDF | NP | NI | | NP | pg/g | NA | NA | NA | NA | NA NA | NA | NA | 0.23 J | NA | NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,6,7,8-HexaCDF | NP | NI | P | NP | pg/g | NA | NA | NA | NA | NA NA | NA | NA NA | 0.19 J | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,7,8,9-HexaCDF | NP | NI | P | NP | pg/g | NA | NA | NA | NA | NA NA | NA | NA NA | <0.044 | NA NA | NA NA | NA NA | NA NA | NA NA | |
| 2,3,4,6,7,8-HexaCDF | NP | NI | | NP | pg/g | NA | NA | NA | NA | NA NA | NA NA | NA NA | <0.044 | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B 1613B |
| 1,2,3,4,6,7,8-HeptaCDD | NP | NI | | NP | pg/g | NA | NA | NA | NA NA | NA NA | NA. | NA NA | 66 B | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,4,6,7,8-HeptaCDF | NP | NI | | NP | pg/g | NA | NA | NA | NA | NA NA | NA | NA | 2.5 J, B | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| 1,2,3,4,7,8,9-HeptaCDF | NP | NI | P | NP | pg/g | NA | NA | NA | NA | NA NA | NA | NA NA | <0.10 | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| OctaCDD | NP | NI | | NP | pg/g | NA | NA NA | NA | NA | NA NA | NA NA | NA NA | 5600 E, B | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| OctaCDF | NP | NI | | NP | pg/g | NA | NA | NA | NA | NA | NA | NA NA | 9.4 J, B | NA NA | NA NA | NA NA | NA NA | NA NA | 1613B |
| General Chemistry | | | | | l Pes | | | | 141 | 101 | 101 | 101 | 7.7 [3, 1) | III | IVA | NA | INA | INA | 1013D |
| Regional Screening Level Summary Table ² | Residential Soil | Industri | ial Soil | Screening Level ² | | | | | | | | | | | | | | | |
| Nitrocellulose | 19,000,000 | 250,000 | 0.000 | 250,000,000 | mg/kg | NA | <0.89 | NA | NA | NA | Lara | L NE | 252 2 3 11: 1 |
| Diesel Range Organics | 12,000,000 | | .,,,,,, | | III III MA | 101 | I IVI | IM | IVA | NA | INA | IVA _ | \0.05 | IVA | NA | NA | NA | NA | 353.2_Nitrocel |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| Diesel Range Organics [C10-C28] | 65 | 510 | 65 | 65 | mg/kg | NA | NA | NA | NA | NA | NA | 8015B DRO |
| Gasoline Range Organics | | | | | 1 5 8 | - 34 | | | 141 | .41 | -111 | .111 | | TVI. | TVA | MA | IVA | NA | ONIJD_DRO |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Screening Level ³ | | | | | | | | | | | | | | | |
| Gasoline Range Organics [C6-C12] | 65 | 510 | 65 | 65 | mg/kg | NA | NA T | NA | NA | NA | NA | 8015B GRO |

Table 1 Area I Surface Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 5 of 5

| | Sample Id ¹ | 2015.08.17 K3 | 2015.08.17 K5 | 2015.08.18 L4 | 2015.08.17 M1 | 2015.08.18 M3 | 2015.08.18 M5 | 2015.08.18 N2 | 2015.08.18 O-0.2 | 2015.08.18 DUP#03 (O-0.2) | 2015.08.18 P-0.7 | 2015.08.18 P-0.4 | 2015.08.18 P-0.2 | 2015.08.18 Q-0.4 | Analytical Method |
|---------|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|---------------------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Analyte | Units | Result Qual | Result Oual | Result Qual | Result Onal | Result Oual | Result Qual | Result Qual | Result Qual | |

Concentrations in red bold indicate the result exceeds the Screening Level.

Abbreviations:

< = Not detected at the reporting limit (or MDL or EDL if shown)

Qual = Qualifer

J=Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

F2= MS/MSD RPD exceeds control limits

F1= MS and/or MSD Recovery is outside acceptance limits

B= Compound was found in the blank and sample

q= the reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

*=LCS or LCSD is outside acceptance limits

ug/kg = micrograms per killograms

mg/kg = milligrams per killograms

pg/g = picogram per gram

RECAP = Risk Evaluation/Corrective Action Program

SSni = Soil Screening non-industrial

SSi = Soil Screening industrial

SSGW = Soil Screening protective of groundwater

NA = Not Analyzed

NP = Not Published

Sample Identification = collection date (year.month.day) predetermined onsite grid location. All Area I surface soil samples were collected from 0-2 feet below ground surface. Four surface soil sample locations (B2.3; E6.5; H2; and O-0.2) were analyzed for additional parameters.

² The United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for industrial soil was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

³ The most conservative Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) Screening Standard (RSS) (dated October 2003) of the soil for industrial use (SSi) and the soil concentration protective of groundwater (SSGW) was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

⁴ The USEPA, RSL Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for industrial soil was determined as the Screening Level for 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD). The 2005 World Hospital Organization Re-evaluation of Human and Mammalian Toxic Equivalency Factors (TEFs) for Dioxins and Dioxin like compounds were used to calculate the total TCDD Toxic Equivalent (TEQ) in each medium. Total TEQs in each medium were compared to the Screening Level for TCDD. Data from the baseline sample event will establish site closeout and site restoration.

⁵ Arsenic was reanalyzed in the surface soil sample location O-0.2. Reported result of Arsenic reanalysis was 3.2 mg/kg. The laboratory noted the sample was non-homogenous and could be the cause of the discrepant results. Concentrations in bold indicate the MDL exceeds the Screening Level.

TABLE 2 SAMPLE LOCATIONS SURVEY DATA BASELINE SAMPLE EVENT M6 DESTRUCTION PROJECT CAMP MINDEN NATIONAL GUARD TRAINING SITE MINDEN, LOUISIANA Page 1 of 2

| Sample Location ID | Latitude | Longitude | TOC Elevation | Ground Surface Elevation |
|--------------------|------------------|--------------------------|---------------|-----------------------------|
| | Area I St | urface Soil BoringLocat | ions | |
| A1 | 32° 33' 9.27" N | 93° 27' 54.47" W | NA | NA |
| A1.6 | 32° 33' 9.36" N | 93° 27' 53.99" W | NA NA | NA NA |
| A3 | 32° 33' 9.32" N | 93° 27' 53.01" W | NA | NA NA |
| A5 | 32° 33' 9.22" N | 93° 27' 51.51" W | NA | NA NA |
| B2.3 | 32° 33' 10.17" N | 93° 27' 53.41" W | NA | NA. |
| C1 | 32° 33' 10.63" N | 93° 27' 54.51" W | NA | NA. |
| C1.6 | 32° 33' 10.91" N | 93° 27' 53.89" W | NA | NA |
| C3 | 32° 33' 10.63" N | 93° 27' 52.89" W | NA | NA |
| C5 | 32° 33' 10.61" N | 93° 27' 51.45" W | NA | NA |
| EI | 32° 33' 11.97" N | 93° 27' 54.40" W | NA | NA |
| E3 | 32° 33' 11.88" N | 93° 27' 52.93" W | NA | NA |
| E5 | 32° 33' 11.86" N | 93° 27' 51.40" W | NA | NA. |
| E6.5 | 32° 33' 12.24" N | 93° 27' 50.24" W | NA | NA |
| F7.5 | 32° 33' 12.43" N | 93° 27' 49.42" W | NA | NA |
| G1 | 32° 33' 13.23" N | 93° 27' 54.47" W | NA | NA NA |
| G3 | 32° 33' 13.23" N | 93° 27' 52.79" W | NA | NA |
| G5 | 32° 33' 13.10" N | 93° 27' 51.38" W | NA | NA |
| H2 | 32° 33' 13.75" N | 93° 27' 53.66" W | NA | NA |
| H4 | 32° 33' 13.77" N | 93° 27' 51.97" W | NA | NA |
| I1 | 32° 33' 14.53" N | 93° 27' 54.31" W | NA | NA NA |
| 13 | 32° 33' 14.40" N | 93° 27' 52,90" W | NA | NA NA |
| 15 | 32° 33' 14.39" N | 93° 27' 51.39" W | NA | NA |
| K1 | 32° 33' 15.81" N | 93° 27' 54.31" W | NA | NA |
| K3 | 32° 33' 15.76" N | 93° 27' 52.84" W | NA | NA NA |
| K5 | 32° 33' 15.72" N | 93° 27' 51.36" W | NA NA | NA. |
| L4 | 32° 33' 16.38" N | 93° 27' 52.09" W | NA | NA |
| M1 | 32° 33' 17.04" N | 93° 27' 54.40" W | NA | NA |
| M3 | 32° 33' 17.00" N | 93° 27' 52.89" W | NA | NA |
| M5 | 32° 33' 17.03" N | 93° 27' 51.31" W | NA | NA |
| N2 | 32° 33' 17.70" N | 93° 27' 53.56" W | NA | NA |
| O-0.2 | 32° 33' 18.63" N | 93° 27' 55.18" W | NA | NA |
| P-0.2 | 32° 33' 19.16" N | 93° 27' 54.90" W | NA | NA |
| P-0.4 | 32° 33' 18.94" N | 93° 27' 55.59" W | NA | NA |
| P-0.7 | 32° 33' 18.96" N | 93° 27' 54.58" W | NA | NA |
| Q-0.4 | 32° 33' 19.86" N | 93° 27' 55.40" W | NA | NA |
| | Area I Per | imeter Soil Boring Loca | itions | |
| SB-1 | 32° 33' 17.97" N | 93° 27' 52.77" W | NA | l NA |
| SB-2 | 32° 33' 15.53" N | 93° 27' 54.88" W | NA NA | NA NA |
| SB-3 | 32° 33' 12.14" N | 93° 27' 54.82" W | NA | NA NA |
| SB-4 | 32° 33' 8.92" N | 93° 27' 52.76" W | NA NA | NA NA |
| SB-5 | 32° 33' 12.22" N | 93° 27' 50.89" W | NA | NA NA |
| SB-6 | 32° 33' 15.53" N | 93° 27' 50.88" W | NA NA | NA NA |
| | | Monitoring Well Location | | 1762 |
| MW-1 | 32° 33' 15.53" N | 93° 27' 50.88" W | 205.16 | 202.00 |
| MW-2 | 32° 33' 17.97" N | 93° 27' 52.77" W | 206.07 | 202.08 203.18 |
| MW-3 | 32° 33' 12.22" N | 93° 27' 50.89" W | 204.14 | |
| MW-4 | 32° 33' 15.53" N | 93° 27' 54.88" W | 203.66 | 201.72 199.75 |
| MW-5 | 32° 33' 8.92" N | 93° 27' 52.76" W | 203.66 | 200.78 |
| MW-6 | 32° 33' 12.14" N | 93° 27' 54.82" W | 202.69 | 200.78 |
| IVI VY -U | 32 33 12.14 IV | 23 21 34.02 VV | 202.09 | 200.31 |

TABLE 2 SAMPLE LOCATIONS SURVEY DATA BASELINE SAMPLE EVENT M6 DESTRUCTION PROJECT CAMP MINDEN NATIONAL GUARD TRAINING SITE

MINDEN, LOUISIANA Page 2 of 2

| Sample Location ID | Latitude | Longitude | TOC Elevation | Ground Surface Elevation |
|--------------------|------------------|-----------------------|---------------|-----------------------------|
| | Clarkes Ba | you Surface Water Loc | ations | |
| Downstream | 32° 32' 48.78" N | 93° 28' 10.41" W | NA | NA |
| Point of Discharge | 32° 33' 1.92" N | 93° 28' 23.74" W | NA | NA |
| Upstream | 32° 33' 12.74" N | 93° 28' 24.70" W | NA | NA |
| | Clarkes | Bayou Sediment Locati | ons | |
| Downstream | 32° 32' 48.78" N | 93° 28' 10.41" W | NA | NA |
| Point of Discharge | 32° 33' 1.92" N | 93° 28' 23.74" W | NA | NA |
| Upstream | 32° 33' 12.74" N | 93° 28' 24.70" W | NA | NA |

Notes:

- 1) Latitude & Longitude are referenced to the North American Datum of 1983 (NAD83).
- 2) Elevations are referenced to the National Geodetic Vertical Datum (NGVD) of 1929.
- 3) The horizontal locations of the Area I surface soil borings, Area I perimeter soil borings, and Clarkes Bayou surface water and sediment samples were determined by a portable Garmin GPSMAP 62S hand held during the Baseline Environmental Investigation. Area I perimeter soil borings were completed with monitoring wells MW-1 through MW-6 for groundwater sampling.
- 4) The Top of Casing (TOC), ground surface elevation, and location of monitor wells MW-1 throung MW-6 were surveyed by SEMS, Inc. on August 20, 2015.
- 5) Upon completion of the M6 Destruction Project, Area I surface soil, Area I groundwater, and Clarkes Bayou surface water and sediment samples shall be collected from the reported locations.

NA = Not Applicable

TABLE 3 AREA I PERIMETER SOIL BORING PID SUMMARY BASELINE SAMPLE EVENT M6 DESTRUCTION PROJECT CAMP MINDEN NATIONAL GUARD TRAINING SITE Page 1 of 3

| Soil Boring Location (feet bgs) | Date/Time Collected (military) | PID Result (ppm) | Laboratory Analyses Performed |
|---------------------------------------|--------------------------------|---------------------|--|
| SB-1 (0-2) | 8/17/2015 @ 1054 | 2 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-1 (2-4) | 8/17/2015 @ 1056 | 0 | None |
| SB-1 (4-6) | 8/17/2015 @ 1058 | 0 | None |
| SB-1 (6-8) | 8/17/2015 @ 1110 | 0 | None |
| SB-1 (8-10) | 8/17/2015 @ 1114 | 0 | None |
| SB-1 (10-12) | 8/17/2015 @ 1155 | 0 | None |
| SB-1 (12-14) | 8/17/2015 @ 1158 | 0 | None |
| SB-1 (14-16) | 8/17/2015 @ 1203 | 0 | None |
| SB-1 (16-18) | 8/17/2015 @ 1211 | 0 | None |
| SB-1 (18-20) | 8/17/2015 @ 1214 | 0 | None |
| SB-1 (20-22) | 8/17/2015 @ 1220 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-1 (22-24) | 8/17/2015 @ 1224 | 0 | None |
| SB-1 (24-26) | 8/17/2015 @ 1230 | 0 | None |
| SB-1 (26-28) | 8/17/2015 @ 1240 | 2 | None |
| SB-1 (28-30) | 8/17/2015 @ 1245 | 2 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-2 (0-2) | 8/17/2015 @ 1450 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-2 (2-4) | 8/17/2015 @ 1454 | 0 | None |
| SB-2 (4-6) | 8/17/2015 @ 1458 | 0 | None |
| SB-2 (6-8) | 8/17/2015 @ 1506 | 0 | None |
| SB-2 (8-10) | 8/17/2015 @ 1509 | 0 | None |
| SB-2 (10-12) | 8/17/2015 @ 1515 | 0 | None |
| SB-2 (12-14) | 8/17/2015 @ 1518 | 0 | None |
| SB-2 (14-16) | 8/17/2015 @ 1521 | 0 | None |
| SB-2 (16-18) | 8/17/2015 @ 1523 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-2 (18-20) | 8/17/2015 @ 1525 | 0 | None |
| SB-2 (20-22) | 8/17/2015 @ 1545 | 0 | None |
| SB-2 (22-24) | 8/17/2015 @ 1549 | 0 | None |
| SB-2 (24-26) | 8/17/2015 @ 1551 | 0 | None |
| SB-2 (26-28) | 8/17/2015 @ 1554 | 0 | None |
| SB-2 (28-30) | 8/17/2015 @ 1600 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-3 (0-2) | 8/17/2015 @ 1715 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-3 (2-4) | 8/17/2015 @ 1720 | 0 | None |
| SB-3 (4-6) | 8/17/2015 @ 1725 | 0 | None |
| SB-3 (6-8) | 8/17/2015 @ 1732 | 0 | None |
| SB-3 (8-10) | 8/17/2015 @ 1736 | 0 | None |
| SB-3 (10-12) | 8/17/2015 @ 1742 | 0 | None |
| SB-3 (12-14) | 8/17/2015 @ 1746 | 0 | None |
| SB-3 (14-16) | 8/17/2015 @ 1750 | 0 | None |
| SB-3 (16-18) | 8/17/2015 @ 1755 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-3 (18-20) | 8/17/2015 @ 1800 | 0 | None |
| SB-3 (20-22) | 8/17/2015 @ 1808 | 0 | None |
| SB-3 (22-24) | 8/17/2015 @ 1812 | 0 | None |

TABLE 3 AREA I PERIMETER SOIL BORING PID SUMMARY BASELINE SAMPLE EVENT M6 DESTRUCTION PROJECT CAMP MINDEN NATIONAL GUARD TRAINING SITE Page 2 of 3

| Soil Boring Location (feet bgs) | Date/Time Collected (military) | PID Result (ppm) | Laboratory Analyses Performed |
|---------------------------------------|-----------------------------------|---------------------|--|
| SB-3 (24-26) | 8/17/2015 @ 1815 | 0 | None |
| SB-3 (26-28) | 8/17/2015 @ 1818 | 0 | None |
| SB-3 (28-30) | 8/17/2015 @ 1821 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-4 (0-2) | 8/18/2015 @ 0810 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-4 (2-4) | 8/18/2015 @ 0813 | 0 | None |
| SB-4 (4-6) | 8/18/2015 @ 0817 | 0 | None |
| SB-4 (6-8) | 8/18/2015 @ 0820 | 0 | None |
| SB-4 (8-10) | 8/18/2015 @ 0824 | 0 | None |
| SB-4 (10-12) | 8/18/2015 @ 0827 | 0 | None |
| SB-4 (12-14) | 8/18/2015 @ 0832 | 0 | None |
| SB-4 (14-16) | 8/18/2015 @ 0835 | 0 | None |
| SB-4 (16-18) | 8/18/2015 @ 0839 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-4 (18-20) | 8/18/2015 @ 0842 | 0 | None |
| SB-4 (20-22) | 8/18/2015 @ 0846 | 0 | None |
| SB-4 (22-24) | 8/18/2015 @ 0851 | 0 | None |
| SB-4 (24-26) | 8/18/2015 @ 0854 | 0 | None |
| SB-4 (26-28) | 8/18/2015 @ 0858 | 0 | None |
| SB-4 (28-30) | 8/18/2015 @ 0903 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-5 (0-2) | 8/18/2015 @ 0955 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-5 (2-4) | 8/18/2015 @ 0958 | 0 | None |
| SB-5 (4-6) | 8/18/2015 @ 1003 | 0 | None |
| SB-5 (6-8) | 8/18/2015 @ 1007 | 0 | None |
| SB-5 (8-10) | 8/18/2015 @ 1011 | 0 | None |
| SB-5 (10-12) | 8/18/2015 @ 1014 | 0 | None |
| SB-5 (12-14) | 8/18/2015 @ 1017 | 0 | None |
| SB-5 (14-16) | 8/18/2015 @ 1020 | 0 | None |
| SB-5 (16-18) | 8/18/2015 @ 1024 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-5 (18-20) | 8/18/2015 @ 1027 | 0 | None |
| SB-5 (20-22) | 8/18/2015 @ 1031 | 0 | None |
| SB-5 (22-24) | 8/18/2015 @ 1034 | 0 | None |
| SB-5 (24-26) | 8/18/2015 @ 1039 | 0 | None |
| SB-5 (26-28) | 8/18/2015 @ 1044 | 0 | None |
| SB-5 (28-30) | 8/18/2015 @ 1050 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-6 (0-2) | 8/18/2015 @ 1145 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-6 (2-4) | 8/18/2015 @ 1148 | 0 | None |
| SB-6 (4-6) | 8/18/2015 @ 1151 | 0 | None |
| SB-6 (6-8) | 8/18/2015 @ 1155 | 0 | None |
| SB-6 (8-10) | 8/18/2015 @ 1158 | 0 | None |
| SB-6 (10-12) | 8/18/2015 @ 1204 | 0 | None |
| SB-6 (12-14) | 8/18/2015 @ 1207 | 0 | None |
| SB-6 (14-16) | 8/18/2015 @ 1211 | 0 | None |
| SB-6 (16-18) | 8/18/2015 @ 1214 | 0 | None |
| SB-6 (18-20) | 8/18/2015 @ 1217 | 0 | None |

TABLE 3 AREA I PERIMETER SOIL BORING PID SUMMARY BASELINE SAMPLE EVENT M6 DESTRUCTION PROJECT CAMP MINDEN NATIONAL GUARD TRAINING SITE

Page 3 of 3

| Soil Boring Location (feet bgs) | Date/Time Collected (military) | PID Result (ppm) | Laboratory Analyses Performed |
|---------------------------------------|--------------------------------|---------------------|--|
| SB-6 (20-22) | 8/18/2015 @ 1222 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |
| SB-6 (22-24) | 8/18/2015 @ 1229 | 0 | None |
| SB-6 (24-26) | 8/18/2015 @ 1232 | 0 | None |
| SB-6 (26-28) | 8/18/2015 @ 1236 | 0 | None |
| SB-6 (28-30) | 8/18/2015 @ 1240 | 0 | Nitroaromatics and Nitramines; VOCs; and SVOCs |

Notes:

- 1) Samples collected from Area I perimeter soil boring locations were field screened for hydrocarbon vapors using a photo ionization detector (PID). Three soil samples per soil boring were selected from each perimeter borehole for laboratory analysis.
- 2) The soil samples selected for laboratory analyses were selected based on RECAP Appendix B criteria which are based upon the following considerations: highest PID reading in surface soil (0–15 feet bgs); highest PID reading in subsurface soil: (> 15 feet bgs); first encountered groundwater; and total depth of borehole.
- 3) feet bgs = feet below ground surface

Table 4 Area I Perimeter Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 1 of 4

| | | | | | | Sample Id ¹ | 2015.08.17 SB-1 (0-2) | | 2015.08.17 SB-1 (28-30) | | | 2015.08.17 SB-2 (28-30) | 2015.08.17 SB-3 (0-2) | | 2015.08.17 SB-3 (28-30) | 2015.08.17 SB DUP#1 SB-3 (28-30) | Analytical Method |
|---|------------------|------------------|--------------|-------------------------------|----------------------------------|------------------------|--------------------------|---------------|----------------------------|---------------|-------------|----------------------------|--------------------------|---------------|----------------------------|--|----------------------|
| Analyte | | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| Nitroaromatics and Nitramines | | | | | | | | | | | | | | | | | |
| Regional Screening Level | Residential Soil | Indust | rial Soil | | ning Level ² | | | | | | | | | | | | |
| Summary Table ² | 110 == | | | Surface Soil (0-15 ft bgs) | Sub-Surface Soil (>15 ft bgs) | | | | | | | | | | | | |
| 1,3,5-Trinitrobenzene | 220,000 | 3,20 | 0,000 | 3,200,000 | 3,200,000 | ug/kg | <27 | <25 | <27 | <27 | <26 | <26 | <27 | <27 | <27 | <27 | 8330B |
| 1,3-Dinitrobenzene | 630 | 8, | 200 | 8,200 | 8,200 | ug/kg | <42 | <40 | <43 | <43 | <41 | <42 | <42 | <43 | <42 | <43 | 8330B |
| 2,4,6-Trinitrotoluene | 3,600 | 51 | ,000 | 51,000 | 51,000 | ug/kg | <35 | <33 | <35 | <35 | <34 | <34 | <35 | <35 | <35 | <35 | 8330B |
| 2,4-Dinitrotoluene | 1,700 | 7, | 400 | 7,400 | 7,400 | ug/kg | <37 | <34 | <37 | <37 | <36 | <36 | <37 | <37 | <37 | <37 | 8330B |
| 2,6-Dinitrotoluene | 360 | 1, | 500 | 1,500 | 1,500 | ug/kg | <62 | <58 | <63 | <63 | <60 | <61 | <62 | <62 | <62 | <63 | 8330B |
| 2-Amino-4,6-dinitrotoluene | 15,000 | 230 | ,000 | 230,000 | 230,000 | ug/kg | <42 | <39 | <42 | <42 | <41 | <41 | <42 | <42 | <42 | <42 | 8330B |
| 4-Amino-2,6-dinitrotoluene | 15,000 | | ,000 | 230,000 | 230,000 | ug/kg | <91 | <85 | <92 | <92 | <88 | <90 | <91 | <91 | <91 | <92 | 8330B |
| 3-Nitrotoluene | 630 | 8, | 200 | 8,200 | 8,200 | ug/kg | <54 | <51 | <55 | <55 | <53 | <53 | <54 | <54 | <54 | <55 | 8330B |
| Nitrobenzene | 5,100 | 22. | ,000 | 22,000 | 22,000 | ug/kg | <42 | <39 | <43 | <42 | <41 | <42 | <42 | <42 | <42 | <43 | 8330B |
| Nitroglycerin | 630 | 8, | 200 | 8,200 | 8,200 | ug/kg | <260 | <250 | <270 | <270 | <260 | <260 | <260 | <260 | <260 | <270 | 8330B |
| 2-Nitrotoluene | 3,200 | 15, | ,000 | 15,000 | 15,000 | ug/kg | <63 | <59 | <64 | <64 | <62 | <63 | <63 | <64 | <63 | <65 | 8330B |
| 4-Nitrotoluene | 25,000 | 140 | ,000 | 140,000 | 140,000 | ug/kg | <79 | <74 | <81 | <80 | <77 | <78 | <79 | <80 | <79 | <81 | 8330B |
| Pentaerythritol Tetranitrate | 13,000 | 160 | ,000 | 160,000 | 160,000 | ug/kg | <330 | <310 | <340 | <340 | <330 | <330 | <330 | <340 | <340 | <340 | 8330B |
| RDX | 6,100 | 28, | ,000 | 28,000 | 28,000 | ug/kg | <61 | <57 | <62 | <61 | <59 | <60 | <60 | <61 | <61 | <62 | 8330B |
| HMX | 390,000 | 5,70 | 0,000 | 5,700,000 | 5,700,000 | ug/kg | <38 | <35 | <38 | <38 | <37 | <37 | <38 | <38 | <38 | <38 | 8330B |
| Tetryl | 16,000 | 230 | ,000 | 230,000 | 230,000 | ug/kg | <45 | <42 | <45 | <45 | <43 | <44 | <45 | <45 | <45 | <45 | 8330B |
| Volatile Organic Compounds | | | | | | | | | | | | | | | | | 00000 |
| | | | | Scree | ning Level ³ | | | | | | | | | | | - | |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Surface Soil | Sub-Surface Soil | | | | | | | | | | | | |
| | | | | (0-15 ft bgs) | (>15 ft bgs) | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 2,700 | 5,900 | 46 | 46 | 46 | ug/kg | <0.41 | <0.34 | <0.39 | <0.38 | <0.46 | < 0.43 | <0.44 | <0.50 | <0.30 | <0.30 | 8260C |
| 1,1,1-Trichloroethane | 82,000 | 700,000 | 4,000 | 4,000 | 4,000 | ug/kg | <0.50 | <0.42 | <0.48 | < 0.47 | <0.57 | <0.52 | <0.54 | <0.61 | <0.36 | <0.36 | 8260C |
| 1,1,2,2-Tetrachloroethane | 810 | 2,000 | 6 | 6 | 6 | ug/kg | < 0.47 | <0.39 | <0.45 | <0.43 | <0.53 | <0.49 | <0.51 | <0.57 | <0.34 | <0.34 | 8260C |
| 1,1,2-Trichloroethane | 1,900 | 4,300 | 58 | 58 | 58 | ug/kg | < 0.67 | <0.55 | < 0.64 | <0.62 | <0.75 | < 0.69 | <0.72 | <0.82 | <0.48 | <0.48 | 8260C |
| 1,1-Dichloroethane | 66,000 | 470,000 | 7,500 | 7,500 | 7,500 | ug/kg | <0.46 | <0.38 | <0.44 | <0.42 | <0.52 | < 0.47 | <0.49 | <0.56 | <0.33 | <0.33 | 8260C |
| 1,1-Dichloroethene | 13,000 | 91,000 | 85 | 85 | 85 | ug/kg | <1.9 | <1.6 | <1.8 | <1.7 | <2.1 | <2.0 | <2.0 | <2.3 | <1.4 | <1.4 | 8260C |
| 1,2-Dibromo-3-chloropropane | 180 | 1,600 | 10 | 10 | 10 | ug/kg | <1.7 | <1.4 | <1.6 | <1.6 | <1.9 | <1.8 | <1.8 | <2.1 | <1.2 | <1.2 | 8260C |
| 1,2-Dichloroethane | 820 | 1,800 | 35 | 35 | 35 | ug/kg | <1.0 | <0.84 | <0.98 | <0.95 | <1.2 | <1.1 | <1.1 | <1.2 | <0.74 | <0.74 | 8260C |
| 1,2-Dichloropropane | 690 | 1,800 | 42 | 42 | 42 | ug/kg | < 0.44 | <0.37 | <0.43 | <0.41 | <0.50 | < 0.46 | <0.48 | <0.54 | <0.32 | <0.32 | 8260C |
| 1,3-Dichloropropene, Total | 3,100 | 10,000 | 40 | 40 | 40 | ug/kg | <1.1 | <0.92 | <1.1 | <1.0 | <1.3 | <1.2 | <1.2 | <1.4 | <0.80 | <0.80 | 8260C |
| 2-Butanone (methyl ethyl ketone) | 590,000 | 4,400,000 | 5,000 | 5,000 | 5,000 | ug/kg | <2.2 | <1.9 | <2.2 | <2.1 | <2.5 | <2.3 | <2.4 | <2.7 | <1.6 | <1.6 | 8260C |
| 4-Methyl-2-pentanone (methyl isobutyl ketone) | 450,000 | 3,100,000 | 6,400 | 6,400 | 6,400 | ug/kg | <0.85 | <0.71 | <0.82 | <0.79 | <0.97 | <0.89 | <0.92 | <1.0 | <0.62 | <0.62 | 8260C |
| Acetone | 170,000 | 1,400,000 | 1,500 | 1,500 | 1,500 | ug/kg | <7.6 | <6.3 | <7.3 | <7.0 | <8.6 | <7.9 | <8.2 | <9.3 | <5.5 | <5.5 | 8260C |
| Benzene | 1,500 | 3,100 | 51 | 51 | 51 | ug/kg | <0.29 | <0.24 | <0.28 | <0.27 | <0.33 | <0.30 | <0.32 | <0.36 | <0.21 | <0.21 | 8260C |
| Bromodichloromethane | 1,800 | 4,200 | 920 | 920 | 920 | ug/kg | <0.29 | <0.24 | <0.28 | <0.27 | <0.33 | <0.30 | <0.32 | <0.36 | <0.21 | <0.21 | 8260C |
| | 48,000 | 180,000 | 1,800 | 1,800 | 1,800 | ug/kg | <0.43 | <0.36 | <0.42 | <0.40 | <0.49 | <0.45 | <0.47 | <0.53 | <0.31 | <0.31 | 8260C |
| Bromoform | | | | | 77 | 0.0 | | | | | | | | ·0.55 | 10.51 | -0.51 | 0200C |
| Bromoform Bromomethane | 430 | 3,000 | 40 | 40 | 40 | ug/kg | <1.3 | <1.1 | <1.2 | <1.2 | <1.5 | <1.3 | <14 | <16 | <0.93 | <0.03 | 82600 |
| | 430 36,000 | 3,000 250,000 | 40 11,000 | 40 11,000 | 40 11,000 | ug/kg ug/kg | <0.81 | <1.1 <0.67 | <0.78 | <1.2 <0.75 | <0.91 | <1.3 <0.84 | <1.4 <0.87 | <1.6 <0.99 | <0.93 <0.58 | <0.93 <0.58 | 8260C 8260C |

Table 4
Area I Perimeter Soil Data Summary
Baseline Sample Event
M6 Destruction Project
Camp Minden National Guard Training Site
Minden, Louisiana
Page 2 of 4

| | | | | | | Sample Id ¹ | 2015.08.17 SB-1 (0-2) | 2015.08.17 SB-1 (20-22) | 2015.08.17 SB-1 (28-30) | 2015.08.17 SB-2 (0-2) | 2015.08.17 SB-2 (16-18) | 2015.08.17 SB-2 (28-30) | 2015.08.17 SB-3 (0-2) | 2015.08.17 SB-3 (16-18) | 2015.08.17 SB-3 (28-30) | 2015.08.17 SB DUP#1 SB-3 (28-30) | Analytical Method |
|--|---|--|--|--|--|---|---|---|---|---|--|--|---|--|--|--|--|
| Analyte | | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Oual | Result Qual | Result Qual | |
| Chlorobenzene | 17,000 | 120,000 | 3,000 | 3,000 | 3,000 | ug/kg | <0.44 | < 0.37 | <0.43 | <0.41 | <0.50 | <0.46 | <0.48 | <0.54 | <0.32 | <0.32 | 8260C |
| Dibromochloromethane (chlorodibromomethane) | 2,200 | 5,400 | 1,000 | 1,000 | 1,000 | ug/kg | <0.48 | <0.40 | < 0.46 | <0.45 | <0.54 | <0.50 | <0.52 | <0.59 | <0.35 | <0.35 | 8260C |
| Chloroethane | 4,100 | 8,200 | 35 | 35 | 35 | ug/kg | <0.61 | <0.50 | <0.59 | <0.56 | <0.69 | < 0.63 | <0.66 | <0.74 | <0.44 | <0.44 | 8260C |
| Chloroform | 44 | 300 | 900 | 300 | 900 | ug/kg | <0.44 | <0.37 | <0.43 | <0.41 | <0.50 | <0.46 | <0.48 | <0.54 | <0.32 | <0.32 | 8260C |
| Chloromethane | 3,500 | 7,300 | 100 | 100 | 100 | ug/kg | < 0.76 | <0.63 | <0.73 | <0.71 | <0.86 | <0.79 | <0.82 | <0.93 | <0.55 | <0.55 | 8260C |
| cis-1,2-Dichloroethene | 4,800 | 34,000 | 490 | 490 | 490 | ug/kg | < 0.70 | <0.58 | <0.68 | <0.65 | <0.79 | <0.73 | <0.76 | <0.86 | <0.51 | <0.51 | 8260C |
| Ethyl benzene | 160,000 | 230,000 | 19,000 | 19,000 | 19,000 | ug/kg | <0.35 | <0.29 | <0.34 | <0.33 | <0.40 | <0.36 | <0.38 | <0.43 | <0.25 | <0.25 | 8260C |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 5,500 | 5,500 | ug/kg | <0.79 | <0.66 | <0.77 | <0.74 | <0.90 | <0.83 | <0.86 | <0.97 | <0.58 | <0.58 | 8260C |
| Isobutylalcohol | 730,000 | 6,200,000 | 30,000 | 30,000 | 30,000 | ug/kg | <30 | <25 | <29 | <28 | <34 | <31 | <32 | <36 | <22 | <21 | 8260C |
| Methyl tert-butyl ether (MTBE) | 650,000 | 4,700,000 | 77 | 77 | 77 | ug/kg | <0.56 | <0.47 | <0.54 | <0.52 | <0.64 | <0.58 | <0.61 | <0.69 | | | |
| Methylene Chloride | 19,000 | 44,000 | 17 | 17 | 17 | ug/kg | <1.8 | <1.5 | <1.8 | <1.7 | <2.1 | <1.9 | <2.0 | <2.3 | <0.41 | <0.41 | 8260C |
| Styrene | 500,000 | 1,700,000 | 11,000 | 11,000 | 11,000 | ug/kg | <0.41 | <0.34 | <0.39 | <0.38 | <0.46 | <0.43 | <0.44 | <0.50 | <0.30 | <0.30 | 8260C |
| Tetrachloroethene (tetrachloroethylene) | 8,300 | 35,000 | 180 | 180 | 180 | ug/kg | <0.37 | <0.31 | <0.36 | <0.35 | <0.42 | <0.43 | <0.44 | <0.46 | | | 8260C |
| Toluene | 68,000 | 470,000 | 20,000 | 20,000 | 20,000 | ug/kg | <0.82 | <0.68 | <0.79 | <0.76 | <0.42 | <0.85 | | | <0.27 | <0.27 | 8260C |
| trans-1,2-Dichloroethene | 6,900 | 48,000 | 770 | 770 | 770 | ug/kg | <1.1 | <0.91 | <1.1 | <1.0 | <1.2 | | <0.88 | <1.0 | <0.59 | <0.59 | 8260C |
| Trichloroethene | 100 | 210 | 73 | 73 | 73 | ug/kg | <0.46 | <0.38 | <0.44 | <0.42 | <0.52 | <1.1 | <1.2 | <1.3 | <0.80 | <0.80 | 8260C |
| Trichlorofluoromethane | 38,000 | 260,000 | 37,000 | 37,000 | 37,000 | | <0.46 | | | | | <0.47 | <0.49 | <0.56 | <0.33 | <0.33 | 8260C |
| Vinyl Chloride | 240 | 790 | 13 | 13 | 13 | ug/kg | | <0.48 | <0.56 | <0.54 | <0.66 | <0.61 | <0.63 | <0.71 | <0.42 | <0.42 | 8260C |
| v myr emoride | 240 | 190 | 13 | 13 | 13 | ug/kg | <0.50 | < 0.42 | <0.48 | < 0.47 | <0.57 | <0.52 | < 0.54 | <0.61 | <0.36 | <0.36 | 8260C |
| Vulenes (total) | 19 000 | 120,000 | 150,000 | 120,000 | 150,000 | | 00.00 | <0.00 | -0.00 | -0.00 | | | | 1 | | | |
| Xylenes (total) Semivolatile Organic Compounds | 18,000 | 120,000 | 150,000 | 120,000 | 150,000 | ug/kg | <0.99 | <0.82 | <0.96 | <0.92 | <1.1 | <1.0 | <1.1 | <1.2 | <0.72 | <0.72 | 8260C |
| Semivolatile Organic Compounds RECAP Screening Standards ³ | SSni | SSi | SSGW | Screet Surface Soil (0-15 ft bgs) | ning Level ³ Sub-Surface Soil (>15 ft bgs) | | <0.99 | <0.82 | | <0.92 | <1.1 | <1.0 | <1.1 | <1.2 | <0.72 | <0.72 | 8260C |
| Semivolatile Organic Compounds RECAP Screening Standards ³ 1,1 Biphenyl | SSni 230,000 | SSi 230,000 | SSGW 190,000 | Screen Surface Soil (0-15 ft bgs) 190,000 | Sub-Surface Soil (>15 ft bgs) 190,000 | ug/kg | <38 | <0.82 | <38 | <0.92 | <44 | <42 | <1.1 | <1.2 | <0.72 | <0.72 | 8260C 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene | SSni 230,000 1,200 | SSi 230,000 12,000 | SSGW 190,000 6,900 | Screen Surface Soil (0-15 ft bgs) 190,000 6,900 | ning Level ³ Sub-Surface Soil (>15 ft bgs) | ug/kg ug/kg | <38 <38 | | | | | | | | | | |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene | SSni 230,000 1,200 66,000 | SSi 230,000 12,000 1,200,000 | SSGW 190,000 6,900 14,000 | Screen Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 | ug/kg | <38 | <36 | <38 | <36 | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene | SSni 230,000 1,200 66,000 99,000 | SSi 230,000 12,000 | SSGW 190,000 6,900 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 | ug/kg ug/kg | <38 <38 | <36 <36 | <38 <38 | <36 <36 | <44 <44 | <42 <42 | <39 <39 | <44 <44 | <40 <40 | <41 <41 | 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene | SSni 230,000 1,200 66,000 | SSi 230,000 12,000 1,200,000 | SSGW 190,000 6,900 14,000 29,000 2,100 | Screen Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 | ug/kg ug/kg ug/kg | <38 <38 <38 | <36 <36 <36 | <38 <38 <38 | <36 <36 <36 | <44 <44 <44 | <42 <42 <42 | <39 <39 <39 | <44 <44 <44 | <40 <40 <40 | <41 <41 <41 | 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene | SSni 230,000 1,200 66,000 99,000 2,100 450 | SSi 230,000 12,000 1,200,000 380,000 | SSGW 190,000 6,900 14,000 29,000 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 | sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 | ug/kg ug/kg ug/kg ug/kg | <38 <38 <38 <38 | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 | <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 | <36 <36 <36 <36 | <44 <44 <44 <44 | <42 <42 <42 <42 <42 | <39 <39 <39 <39 | <44 <44 <44 <44 | <40 <40 <40 <40 | <41 <41 <41 <41 | 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene | SSni 230,000 1,200 66,000 99,000 2,100 450 6,700 | SSi 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 | SSGW 190,000 6,900 14,000 29,000 2,100 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 | ug/kg ug/kg ug/kg ug/kg ug/kg | <38 <38 <38 <38 <38 <38 | <36 <36 <36 <36 <36 | <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 | <36 <36 <36 <36 <36 <36 | <44 | <42 <42 <42 <42 <42 <42 | <39 <39 <39 <39 <39 <39 | <44 <44 <44 <44 <44 | <40 <40 <40 <40 <40 | <41 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol | SSni 230,000 1,200 66,000 99,000 2,100 450 | SSi 230,000 12,000 1,200,000 380,000 18,000 5,000 | SSGW 190,000 6,900 14,000 29,000 2,100 250 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 | sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 | ug/kg ug/kg ug/kg ug/kg ug/kg | <38 <38 <38 <38 <38 <38 <38 | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 | <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 | <36 <36 <36 <36 <36 <36 <36 | <44 <44 <44 <44 <44 <44 | <42 <42 <42 <42 <42 <42 <42 <42 | <39 <39 <39 <39 <39 <39 <39 | <44 <44 <44 <44 <44 <44 <44 | <40 <40 <40 <40 <40 <40 <40 | <41 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol | SSni 230,000 1,200 66,000 99,000 2,100 450 6,700 | SSi 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 | sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <38 <38 <38 <38 <38 <38 <38 <38 | <36 <36 <36 <36 <36 <36 <36 <36 | <38 <38 <38 <38 <38 <38 <38 | <36 <36 <36 <36 <36 <36 <36 <36 | <44 <44 <44 <44 <44 <44 <44 | <42 <42 <42 <42 <42 <42 <42 <42 <42 | <39 <39 <39 <39 <39 <39 <39 <39 | <44 <44 <44 <44 <44 <44 | <40 <40 <40 <40 <40 <40 | <41 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol | SSni 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 | SSi 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 | \$SGW 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <38 <38 <38 <38 <38 <38 <38 <38 <38 | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 | | <36 <36 <36 <36 <36 <36 <36 <36 <36 | <44 <44 <44 <44 <44 <44 <44 <44 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 39 39 39 39 39 39 39 39 39 39 39 39 39 | <44 <44 <44 <44 <44 <44 <44 <44 | <40 <40 <40 <40 <40 <40 <40 <40 | <41 <41 <41 <41 <41 <41 <41 <41 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol | SSni 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 | SSi 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 | \$SGW 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 | <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 <38 | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 | <44 | <42 | 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | <40 <40 <40 <40 <40 <40 <40 <40 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol | SSni 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 | SSi 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 | SSGW 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 | ug/kg | | <36 <36 | | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 39 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <41 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,4-Dichlorophenol | SSni 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 | SSi 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 | \$SGW 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 | ning Level ³ Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 | ug/kg | | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 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| RECAP Screening Standards 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene | \$\$\text{Sni}\$ 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 7,100 8,900 4,300 500,000 15,000 22,000 | SSi 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 69,000 98,000 46,000 8,300,000 140,000 | \$\$GW\$ 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 | Screet Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 | Sub-Surface Soil (>15 ft bgs) 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Table 4 Area I Perimeter Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 3 of 4

| | | | | | | Sample Id ¹ | 2015.08.17 SB-1 (0-2) | 2015.08.17 SB-1 (20-22) | 2015.08.17 SB-1 (28-30 | | 15.08.17 3-2 (0-2) | 2015.08.17 SB-2 (16-18) | 2015.08.17 SB-2 (28-30) | 2015.08.17 SB-3 (0-2) | 2015.08.17 SB-3 (16-18) | 2015.08.17 SB-3 (28-30) | 2015.08.17 SB DUP#1 SB-3 (28-30) | Analytical Method |
|--|------------------|------------|-------------|-----------------------------------|--|---------------------------|--------------------------|----------------------------|---------------------------|---------|-----------------------|----------------------------|----------------------------|--------------------------|----------------------------|----------------------------|--|----------------------|
| Analyte | | | | | | Units | Result Qual | Result Qual | Result Qu | al Resu | ult Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| 4-Nitroaniline | 10,000 | 100,000 | 1,700 | 1,700 | 1,700 | ug/kg | <380 | <350 | <380 | <35 | 50 | <430 | <420 | <390 | <440 | <400 | <400 | 8270D |
| 4-Nitrophenol | 32,000 | 330,000 | 2,600 | 2,600 | 2,600 | ug/kg | <380 | <350 | <380 | <35 | 50 | <430 | <420 | <390 | <440 | <400 | <400 | 8270D |
| Acenaphthene | 370,000 | 6,100,000 | 220,000 | 220,000 | 220,000 | ug/kg | <38 | <36 | <38 | <36 | 6 | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Acenaphthylene | 350,000 | 5,100,000 | 88,000 | 88,000 | 88,000 | ug/kg | <38 | <36 | <38 | <36 | 6 | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Aniline | 2,400 | 17,000 | 65 | 65 | 65 | ug/kg | <68 | <64 | <69 | <64 | 4 | <78 | <76 | <70 | <80 | <73 | <73 | 8270D |
| Anthracene | 2,200,000 | 48,000,000 | 120,000 | 120,000 | 120,000 | ug/kg | <38 | <36 | <38 | <36 | 6 | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Benz(a)anthracene | 620 | 2,900 | 330,000 | 2,900 | 330,000 | ug/kg | <38 | <36 | <38 | <36 | 6 | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Benzo(a)pyrene | 330 | 330 | 23,000 | 330 | 23,000 | ug/kg | <38 | <36 | <38 | <36 | 6 | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Benzo(b)fluoranthene | 620 | 2,900 | 220,000 | 2,900 | 220,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Benzo(k)fluoranthene | 6,200 | 29,000 | 120,000 | 29,000 | 120,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Bis(2-chlorisopropyl)ether | 4,900 | 17,000 | 800 | 800 | 800 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Bis(2-chloroethyl)ether | 330 | 1,100 | 330 | 330 | 330 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Bis(2-ethylhexyl)phthalate | 35,000 | 170,000 | 79,000 | 79,000 | 79,000 | ug/kg | <52 | <49 | <52 | <49 | | <59 | <57 | <53 | <60 | <55 | <55 | 8270D |
| Butyl benzyl phthalate | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Chrysene | 62,000 | 290,000 | 76,000 | 76,000 | 76,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Dibenz(a,h)anthracene | 330 | 330 | 540,000 | 330 | 540,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D 8270D |
| Dibenzofuran | 29,000 | 150,000 | 24,000 | 24,000 | 24,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D 8270D |
| Diethyl phthalate | 670,000 | 670,000 | 360,000 | 360,000 | 360,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D 8270D |
| Dimethyl phthalate | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D 8270D |
| Di-n-octyl phthalate | 240,000 | 3,500,000 | 10,000,000 | 3,500,000 | 10,000,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | | |
| Fluoranthene | 220,000 | 2,900,000 | 1,200,000 | 1,200,000 | 1,200,000 | ug/kg ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | | <41 | 8270D |
| Fluorene | 280,000 | 5,400,000 | 230,000 | 230,000 | 230,000 | ug/kg ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | | ļ | <40 | <41 | 8270D |
| Hexachlorobenzene | 340 | 2,000 | 9,600 | 2,000 | | | <38 | <36 | <38 | | | | | <39 | <44 | <40 | <41 | 8270D |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 5,500 | 9,600 5,500 | ug/kg | <38 * | <36 * | <38 * | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Hexachlorocyclopentadiene | 1,400 | 9,400 | 1,200,000 | 9,400 | | ug/kg | | | | <36 | | <44 * | <42 * | <39 * | <44 * | <40 * | <41 * | 8270D |
| Hexachloroethane | 5,200 | 68,000 | 2,200 | 2,200 | 1,200,000 | ug/kg | <380 | <350 | <380 | <35 | | <430 | <420 | <390 | <440 | <400 | <400 | 8270D |
| Indeno(1,2,3-cd)pyrene | 620 | 2,900 | | | 2,200 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| | | | 9,200 | 2,900 | 9,200 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Isophorone Naphthalene | 340,000 | 1,100,000 | 560 | 560 | 560 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| * | 6,200 | 43,000 | 1,500 | 1,500 | 1,500 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Nitrobenzene | 2,200 | 25,000 | 330 | 330 | 330 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| N-Nitrosodi-n-propylamine | 330 | 330 | 330 | 330 | 330 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Pentachlorophenol | 2,800 | 9,700 | 1,700 | 1,700 | 1,700 | ug/kg | <380 | <350 | <380 | <35 | | <430 | <420 | <390 | <440 | <400 | <400 | 8270D |
| Phenanthrene | 2,100,000 | 43,000,000 | 660,000 | 660,000 | 660,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Phenol | 1,300,000 | 15,000,000 | 11,000 | 11,000 | 11,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Pyrene | 230,000 | 5,600,000 | 1,100,000 | 1,100,000 | 1,100,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| N-Nitrosodiphenylamine | 90,000 | 400,000 | 2,100 | 2,100 | 2,100 | ug/kg | <38 | <36 | <38 | <36 | 6 | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Regional Screening Level Summary Table ² | Residential Soil | Industr | rial Soil | Screen Surface Soil (0-15 ft bgs) | ing Level ² Sub-Surface Soil (>15 ft bgs) | | | | | | | | | | | | | |
| Di-n-butyl phthalate | 630,000 | 8,200 | 0,000 | 8,200,000 | 8,200,000 | ug/kg | <38 | <36 | <38 | <36 | 6 | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |
| Diphenylamine | 160,000 | 2,100 | | 2,100,000 | 2,100,000 | ug/kg | <38 | <36 | <38 | <36 | | <44 | <42 | <39 | <44 | <40 | <41 | 8270D |

Table 4
Area I Perimeter Soil Data Summary
Baseline Sample Event
M6 Destruction Project
Camp Minden National Guard Training Site
Minden, Louisiana
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| | Sample Id ¹ | 2015.08.17 SB-1 (0-2) | 2015.08.17 SB-1 (20-22) | 2015.08.17 SB-1 (28-30) | | | 2015.08.17 SB-2 (28-30) | | | SB-3 (28-30) | | Analytical Method |
|---------|---------------------------|--------------------------|----------------------------|----------------------------|-------------|-------------|----------------------------|-------------|-------------|--------------|-------------|----------------------|
| Analyte | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |

Notes:

Concentrations in bold indicate the MDL exceeds the Screening Level.

Abbreviations:

<= Not detected at the reporting limit (or MDL or EDL if shown)

Qual = Qualifer

J= Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

F2= MS/MSD RPD exceeds control limits

F1= MS and/or MSD Recovery is outside acceptance limits

*=LCS or LCSD is outside acceptance limits

ug/kg = micrograms per killograms

RECAP = Risk Evaluation/Corrective Action Program

SSni = Soil Screening non-industrial

SSi = Soil Screening industrial

SSGW = Soil Screening protective of groundwater

¹ Sample Identification = collection date (year.month.day) soil boring location (SB) depth (feet below ground surface)

² The United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for industrial soil was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

³ The most conservative Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) Screening Standard (dated October 2003) of the soil for industrial use (SSi) and the soil concentration protective of groundwater (SSGW) was determined as the Screening Level for surface soil. The soil concentration protective of groundwater (SSGW) RECAP Screening Standard (RSS) was determined as the Screening Level for subsurface soil. The RECAP document (October 2003) defines surface soil as the interval present from the ground surface to the depth of impact. Data from the baseline sample event will establish site closeout and site restoration.

Table 4 Area I Perimeter Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 1 of 4

| | | | | | | Sample Id ¹ | 2015.08.18 SB-4 (0-2) | 2015.08.18 SB-4 (16-18) | 2015.08.18 SB-4 (28-30) | 2015.08.18 SB-5 (0-2) | 2015.08.18 SB-5 (16-18) | 2015.08.18 SB-5 (28-30) | 2015.08.18 SB DUP#2 SB-5 (28-30) | 2015. SB-6 | | 2015.08.18 SB-6 (20-22) | 2015.08.18 SB-6 (28-30) | Analytical Method |
|---|--|--|-----------------------------|-------------------------------|---|---------------------------|--------------------------|----------------------------|----------------------------|--------------------------|----------------------------|----------------------------|--|-------------------------|-----------|-----------------------------------|----------------------------|-------------------------|
| Analyte | | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result | Oual | Result Qual | Result Qual | |
| Nitroaromatics and Nitramines | | | | | | | | | | | | | | | | Anna Cana | Trees Quan | |
| D 16 I | | | | Screen | ning Level ² | | | | | | | | | | | | | |
| Regional Screening Level. Summary Table ² | Residential Soil | Indust | rial Soil | Surface Soil (0-15 ft bgs) | Sub-Surface Soil (>15 ft bgs) | | | | | | | | | | | | | |
| 1,3,5-Trinitrobenzene | 220,000 | 3,20 | 0,000 | 3,200,000 | 3,200,000 | ug/kg | <25 | <27 | <27 | <27 | <27 | <25 | <26 | <27 | | <25 | <26 | 8330B |
| 1,3-Dinitrobenzene | 630 | 8, | 200 | 8,200 | 8,200 | ug/kg | <39 | <43 | <43 | <43 | <43 | <40 | <41 | <43 | | <40 | <42 | 8330B |
| 2,4,6-Trinitrotoluene | 3,600 | 51 | ,000 | 51,000 | 51,000 | ug/kg | <32 | <35 | <35 | <36 | <35 | <33 | <34 | <36 | | <33 | <34 | 8330B |
| 2,4-Dinitrotoluene | 1,700 | 7, | 400 | 7,400 | 7,400 | ug/kg | <34 | <37 | <37 | <38 | <37 | <35 | <35 | <38 | | <35 | <36 | 8330B |
| 2,6-Dinitrotoluene | 360 | 1, | 500 | 1,500 | 1,500 | ug/kg | <57 | <63 | <63 | <64 | <63 | <59 | <60 | <64 | | <59 | <61 | 8330B |
| 2-Amino-4,6-dinitrotoluene | 15,000 | 230 | 0,000 | 230,000 | 230,000 | ug/kg | <39 | <43 | <42 | <43 | <42 | <40 | <40 | <43 | | <40 | <41 | 8330B |
| 4-Amino-2,6-dinitrotoluene | 15,000 | 230 | 0,000 | 230,000 | 230,000 | ug/kg | <84 | <93 | <92 | <93 | <92 | <86 | <88 | <93 | | <86 | <90 | 8330B |
| 3-Nitrotoluene | 630 | 8, | 200 | 8,200 | 8,200 | ug/kg | <50 | <55 | <55 | <56 | <55 | <51 | <52 | <56 | | <51 | <53 | 8330B |
| Nitrobenzene | 5,100 | 22 | ,000 | 22,000 | 22,000 | ug/kg | <39 | <43 | <43 | <43 | <43 | <40 | <41 | <43 | | <40 | <42 | 8330B |
| Nitroglycerin | 630 | 8, | 200 | 8,200 | 8,200 | ug/kg | <240 | <270 | <270 | <270 | <270 | <250 | <250 | <270 | | <250 | <260 | 8330B |
| 2-Nitrotoluene | 3,200 | 15 | ,000 | 15,000 | 15,000 | ug/kg | <59 | <65 | <64 | <65 | <64 | <60 | <61 | <65 | | <60 | <63 | 8330B |
| 4-Nitrotoluene | 25,000 | 140 | 0,000 | 140,000 | 140,000 | ug/kg | <73 | <81 | <80 | <81 | <80 | <75 | <77 | <81 | | <75 | <78 | 8330B |
| Pentaerythritol Tetranitrate | 13,000 | 160 | 0,000 | 160,000 | 160,000 | ug/kg | <310 | <340 | <340 | <340 | <340 | <320 | <320 | <340 | | <320 | <330 | 8330B |
| RDX | 6,100 | 28 | ,000 | 28,000 | 28,000 | ug/kg | <56 | <62 | <61 | <62 | <62 | <58 | <59 | <62 | | <57 | <60 | 8330B |
| HMX | 390,000 | 5,70 | 0,000 | 5,700,000 | 5,700,000 | ug/kg | <35 | <39 | <38 | <39 | <38 | <36 | <37 | <39 | | <36 | <37 | 8330B |
| Tetryl | 16,000 | 230 | 0,000 | 230,000 | 230,000 | ug/kg | <41 | <46 | <45 | <46 | <45 | <43 | <43 | <46 | F1 | <42 | <44 | 8330B |
| Volatile Organic Compounds | | | | | | | | | | | | | | | | | - 10 | 00000 |
| | | | 1 | Screen | ning Level ³ | 1 | | | | | | | | | | | | |
| RECAP Screening Standards ³ | SSni | SSi | SSGW | Surface Soil (0-15 ft bgs) | Sub-Surface Soil (>15 ft bgs) | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 2,700 | 5,900 | 46 | 46 | 46 | ug/kg | < 0.43 | <0.46 | <0.40 | <0.36 | <0.40 | <0.40 | < 0.47 | <0.32 | | < 0.39 | <0.37 | 8260C |
| 1,1,1-Trichloroethane | 82,000 | 700,000 | 4,000 | 4,000 | 4,000 | ug/kg | < 0.52 | <0.57 | <0.50 | <0.44 | <0.49 | <0.49 | <0.58 | < 0.40 | | <0.48 | <0.46 | 8260C |
| 1,1,2,2-Tetrachloroethane | 810 | 2,000 | 6 | 6 | 6 | ug/kg | < 0.49 | <0.53 | <0.46 | <0.41 | <0.46 | <0.45 | <0.54 | < 0.37 | | <0.44 | <0.43 | 8260C |
| 1,1,2-Trichloroethane | 1,900 | 4,300 | 58 | 58 | 58 | ug/kg | < 0.69 | <0.75 | <0.66 | <0.58 | < 0.65 | <0.64 | <0.77 | <0.53 | | <0.63 | <0.61 | 8260C |
| 1,1-Dichloroethane | 66,000 | 470,000 | 7,500 | 7,500 | 7,500 | ug/kg | < 0.47 | <0.51 | <0.45 | <0.40 | <0.44 | <0.44 | < 0.53 | < 0.36 | | <0.43 | <0.42 | 8260C |
| 1,1-Dichloroethene | 13,000 | 91,000 | 85 | 85 | 85 | ug/kg | <2.0 | <2.1 | <1.9 | <1.6 | <1.8 | <1.8 | <2.2 | <1.5 | | <1.8 | <1.7 | 8260C |
| 1,2-Dibromo-3-chloropropane | 180 | 1,600 | 10 | 10 | 10 | ug/kg | <1.8 | <1.9 | <1.7 | <1.5 | <1.7 | <1.6 | <2.0 | <1.3 | | <1.6 | <1.5 | 8260C |
| 1,2-Dichloroethane | 820 | 1,800 | 35 | 35 | 35 | ug/kg | <1.1 | <1.1 | <1.0 | <0.88 | <0.99 | <0.98 | <1.2 | <0.81 | | <0.97 | <0.93 | 8260C |
| 1,2-Dichloropropane | 690 | 1,800 | 42 | 42 | 42 | ug/kg | <0.46 | <0.50 | <0.44 | <0.39 | <0.43 | <0.43 | <0.51 | <0.35 | | <0.42 | <0.40 | 8260C |
| | 3,100 | 10,000 | 40 | 40 | 40 | ug/kg | <1.2 | <1.3 | <1.1 | <0.96 | <1.1 | <1.1 | <1.3 | <0.88 | | <1.1 | <1.0 | 8260C |
| 1,3-Dichloropropene, Total | 590,000 | 4,400,000 | 5,000 | 5,000 | 5,000 | ug/kg | <2.3 | <2.5 | <2.2 | <1.9 | <2.2 | <2.2 | <2.6 | <1.8 | | <2.1 | <2.0 | 8260C |
| | 370,000 | 2 100 000 | 6.400 | 6,400 | 6,400 | ug/kg | <0.89 | <0.96 | <0.84 | <0.74 | <0.83 | <0.82 | <0.98 | < 0.68 | | <0.81 | <0.78 | 8260C |
| 2-Butanone (methyl ethyl ketone) | 450,000 | 3,100,000 | 6,400 | | A contract of the contract of | | | | <7.5 | 21 | <7.4 | <7.3 | <8.7 | | J,F1,F2 | | | 8260C |
| 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) | | 1,400,000 | 1,500 | 1,500 | 1,500 | ug/kg | 11 J | <8.5 | 1.3 | 41 | | | | | | ./</td <td><6.9</td> <td></td> | <6.9 | |
| 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone | 450,000 | | | _ | 1,500 51 | ug/kg ug/kg | <0.30 | <0.33 | | | | | | | 3,1 1,1 2 | <7.2 | <6.9 <0.27 | |
| 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene | 450,000 170,000 | 1,400,000 | 1,500 | 1,500 | | ug/kg | <0.30 | <0.33 | <0.29 | <0.25 | <0.28 | <0.28 | <0.34 | <0.23 | 7,1 1,1 2 | <0.28 | <0.27 | 8260C |
| 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane | 450,000 170,000 1,500 | 1,400,000 3,100 | 1,500 51 | 1,500 51 | 51 920 | ug/kg ug/kg | <0.30 <0.30 | <0.33 <0.33 | <0.29 <0.29 | <0.25 <0.25 | <0.28 <0.28 | <0.28 <0.28 | <0.34 <0.34 | <0.23 <0.23 | 3,1 1,1 2 | <0.28 <0.28 | <0.27 <0.27 | 8260C 8260C |
| 1,3-Dichloropropene, Total 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform Bromomethane | 450,000 170,000 1,500 1,800 | 1,400,000 3,100 4,200 | 1,500 51 920 | 1,500 51 920 | 51 | ug/kg ug/kg ug/kg | <0.30 <0.30 <0.45 | <0.33 <0.33 <0.49 | <0.29 <0.29 <0.43 | <0.25 <0.25 <0.38 | <0.28 <0.28 <0.42 | <0.28 <0.28 <0.42 | <0.34 <0.34 <0.50 | <0.23 <0.23 <0.34 | 3,11,12 | <0.28 <0.28 <0.41 | <0.27 <0.27 <0.39 | 8260C 8260C 8260C |
| 2-Butanone (methyl ethyl ketone) 4-Methyl-2-pentanone (methyl isobutyl ketone) Acetone Benzene Bromodichloromethane Bromoform | 450,000 170,000 1,500 1,800 48,000 | 1,400,000 3,100 4,200 180,000 | 1,500 51 920 1,800 | 1,500 51 920 1,800 | 51 920 1,800 | ug/kg ug/kg | <0.30 <0.30 | <0.33 <0.33 | <0.29 <0.29 | <0.25 <0.25 | <0.28 <0.28 | <0.28 <0.28 | <0.34 <0.34 | <0.23 <0.23 | 3,11,12 | <0.28 <0.28 | <0.27 <0.27 | 8260C 8260C |

Table 4
Area I Perimeter Soil Data Summary
Baseline Sample Event
M6 Destruction Project
Camp Minden National Guard Training Site
Minden, Louisiana
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| | | | | | | Sample Id ¹ | 2015.08.18 SB-4 (0-2) | 2015.08.18 SB-4 (16-18) | 2015.08.18 SB-4 (28-30) | 2015.08.18 SB-5 (0-2) | 2015.08.18 SB-5 (16-18) | 2015.08.18 SB-5 (28-30) | 2015.08.18 SB DUP#2 SB-5 (28-30) | 2015.08.18 SB-6 (0-2) | 2015.08.18 SB-6 (20-22) | 2015.08.18 SB-6 (28-30) | Analytical Method |
|---|---|---|--|---|--|---|---|--|---|---|---|--|---|---|--|--|--|
| Analyte | | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| Chlorobenzene | 17,000 | 120,000 | 3,000 | 3,000 | 3,000 | ug/kg | <0.46 | <0.50 | <0.44 | <0.39 | <0.43 | <0.43 | <0.51 | <0.35 | <0.42 | <0.40 | 8260C |
| Dibromochloromethane (chlorodibromomethane) | 2,200 | 5,400 | 1,000 | 1,000 | 1,000 | ug/kg | <0.50 | <0.54 | <0.47 | <0.42 | <0.47 | <0.46 | <0.55 | <0.38 | <0.42 | <0.44 | 8260C |
| Chloroethane | 4,100 | 8,200 | 35 | 35 | 35 | ug/kg | <0.63 | <0.68 | <0.60 | <0.53 | <0.59 | <0.59 | <0.70 | <0.48 F1 | <0.58 | <0.55 | 8260C |
| Chloroform | 44 | 300 | 900 | 300 | 900 | ug/kg | <0.46 | <0.50 | <0.44 | <0.39 | <0.43 | <0.43 | <0.51 | <0.35 | <0.42 | <0.40 | 8260C |
| Chloromethane | 3,500 | 7,300 | 100 | 100 | 100 | ug/kg | <0.79 | <0.86 | <0.75 | <0.66 | <0.74 | <0.73 | <0.88 | <0.60 | <0.72 | <0.40 | |
| cis-1,2-Dichloroethene | 4,800 | 34,000 | 490 | 490 | 490 | ug/kg | <0.73 | <0.79 | <0.69 | <0.61 | <0.68 | <0.68 | <0.81 | <0.56 | <0.72 | | 8260C |
| Ethyl benzene | 160,000 | 230,000 | 19,000 | 19,000 | 19,000 | ug/kg | <0.36 | <0.40 | <0.35 | <0.30 | <0.34 | <0.34 | <0.40 | <0.28 | <0.67 | <0.64 | 8260C |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 5,500 | 5,500 | ug/kg | <0.83 | <0.90 | <0.78 | <0.69 | <0.78 | <0.77 | <0.40 | | | <0.32 | 8260C |
| Isobutylalcohol | 730,000 | 6,200,000 | 30,000 | 30,000 | 30,000 | ug/kg | <31 | <33 | <29 | <26 | <29 | <29 | | <0.63 | <0.76 | <0.72 | 8260C |
| Methyl tert-butyl ether (MTBE) | 650,000 | 4,700,000 | 77 | 77 | 77 | ug/kg | <0.58 | <0.63 | <0.55 | <0.49 | <0.55 | | <34 | <24 | <28 | <27 | 8260C |
| Methylene Chloride | 19,000 | 44,000 | 17 | 17 | 17 | ug/kg | <1.9 | <2.1 | <1.8 | <1.6 | | <0.54 | <0.65 | <0.45 | <0.53 | <0.51 | 8260C |
| Styrene | 500,000 | 1,700,000 | 11,000 | 11,000 | 11,000 | ug/kg ug/kg | <0.43 | <0.46 | | | <1.8 | <1.8 | <2.1 | <1.5 | <1.8 | <1.7 | 8260C |
| Tetrachloroethene (tetrachloroethylene) | 8,300 | 35,000 | 180 | 180 | 180 | ug/kg ug/kg | <0.43 | <0.40 | <0.40 <0.37 | <0.36 | <0.40 | <0.40 | <0.47 | <0.32 | <0.39 | <0.37 | 8260C |
| Toluene | 68,000 | 470,000 | 20,000 | 20,000 | 20,000 | | <0.85 | <0.42 | | <0.32 | <0.36 | <0.36 | <0.43 | <0.30 | <0.36 | <0.34 | 8260C |
| trans-1,2-Dichloroethene | 6,900 | 48,000 | 770 | 770 | 770 | ug/kg | | | <0.81 | <0.71 | <0.80 | <0.79 | <0.94 | <0.65 | <0.78 | <0.75 | 8260C |
| Trichloroethene | 100 | 210 | 73 | 73 | 73 | ug/kg | <1.1 | <1.2 | <1.1 | <0.95 | <1.1 | <1.1 | <1.3 | <0.87 | <1.0 | <1.0 | 8260C |
| Trichlorofluoromethane | 38,000 | 260,000 | 37,000 | | | ug/kg | <0.47 | <0.51 | <0.45 | <0.40 | <0.44 | <0.44 | <0.53 | <0.36 | <0.43 | <0.42 | 8260C |
| Vinyl Chloride | 240 | 790 | | 37,000 | 37,000 | ug/kg | <0.61 | <0.66 | <0.58 | <0.51 | <0.57 | <0.56 | < 0.67 | <0.46 | <0.56 | <0.53 | 8260C |
| Xylenes (total) | 18,000 | 120,000 | 13 | 13 | 13 | ug/kg | <0.52 | <0.57 | <0.50 | <0.44 | <0.49 | <0.49 | <0.58 | <0.40 | <0.48 | <0.46 | 8260C |
| Semivolatile Organic Compounds | 10,000 | 120,000 | 150,000 | 120,000 | 150,000 | ug/kg | <1.0 | <1.1 | <0.98 | <0.86 | <0.97 | <0.96 | <1.1 | <0.79 | <0.94 | <0.91 | 8260C |
| | | | | | | | | | | | | | | | | | |
| • | 1 | | | Corner | sing Laval ³ | 1 | | | | | | | | | | | |
| | SSni | SSi | SSGW | | ning Level ³ | | | | | | | | | | | | |
| RECAP Screening Standards ³ | SSní | SSi | SSGW | Surface Soil | Sub-Surface Soil | | | | | | | | | | | | |
| | SSni 230,000 | | | Surface Soil (0-15 ft bgs) | Sub-Surface Soil (>15 ft bgs) | ue/ke | <39 | <43 | <41 | <36 | <41 | - A3 | - 44 | 25 | <40 | 212 | 92700 |
| RECAP Screening Standards ³ | 230,000 | 230,000 | 190,000 | Surface Soil (0-15 ft bgs) 190,000 | Sub-Surface Soil (>15 ft bgs) 190,000 | ug/kg | <39 | <43 <43 | <41 | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| RECAP Screening Standards ³ | 230,000 1,200 | 230,000 12,000 | 190,000 6,900 | Surface Soil (0-15 ft bgs) 190,000 6,900 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 | ug/kg | <39 | <43 | <41 | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene | 230,000 1,200 66,000 | 230,000 12,000 1,200,000 | 190,000 6,900 14,000 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 | ug/kg ug/kg | <39 <39 | <43 <43 | <41 <41 | <36 <36 | <41 <41 | <43 <43 | <44 <44 | <35 <35 | <40 <40 | <42 <42 | 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene | 230,000 1,200 66,000 99,000 | 230,000 12,000 1,200,000 380,000 | 190,000 6,900 14,000 29,000 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 | ug/kg ug/kg ug/kg | <39 <39 <39 | <43 <43 <43 | <41 <41 <41 | <36 <36 <36 | <41 <41 <41 | <43 <43 <43 | <44 <44 <44 | <35 <35 <35 | <40 <40 <40 | <42 <42 <42 | 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene | 230,000 1,200 66,000 99,000 2,100 | 230,000 12,000 1,200,000 380,000 18,000 | 190,000 6,900 14,000 29,000 2,100 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 | ug/kg ug/kg ug/kg ug/kg | <39 <39 <39 <39 | <43 <43 <43 <43 | <41 <41 <41 <41 | <36 <36 <36 <36 | <41 <41 <41 <41 | <43 <43 <43 <43 | <44 <44 <44 <44 | <35 <35 <35 <35 | <40 <40 <40 <40 | <42 <42 <42 <42 | 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene | 230,000 1,200 66,000 99,000 2,100 450 | 230,000 12,000 1,200,000 380,000 18,000 5,000 | 190,000 6,900 14,000 29,000 2,100 250 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 | ug/kg ug/kg ug/kg ug/kg ug/kg | <39 <39 <39 <39 <39 | <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 | <36 <36 <36 <36 <36 | <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 | <35 <35 <35 <35 <35 | <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene | 230,000 1,200 66,000 99,000 2,100 450 6,700 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | <39 <39 <39 <39 <39 <39 <39 | <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 | <36 <36 <36 <36 <36 <36 <36 | <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 | <35 <35 <35 <35 <35 <35 <35 | <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | 39 39 39 39 39 39 39 39 39 | <43 <43 <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <36 <36 <36 <36 <36 <36 <36 <36 | <41 | <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 | <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 | <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 | ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg ug/kg | 39 39 39 39 39 39 39 39 39 39 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 | <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 | <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 | ug/kg | 39 39 39 39 39 39 39 39 39 39 39 39 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,4,0-Dichlorophenol | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 | ug/kg | 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <36 <36 <36 <36 <36 <36 <36 <36 <36 <36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 | ug/kg | 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 7,100 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 69,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 | ug/kg | 39< | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 340 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 7,100 8,900 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 69,000 98,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 | ug/kg | 39< | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <35 <36 <37 <37 <37 <38 <37 <37 <38 <38 <39 <39 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 <30 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 7,100 8,900 4,300 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 69,000 98,000 46,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 | ug/kg | 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | 35 35 35 35 35 35 35 35 35 35 35 35 340 *F2 35 35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2-Chloronaphthalene | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 7,100 8,900 4,300 500,000 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 69,000 98,000 46,000 8,300,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 | ug/kg | 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | 35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,4-Dinitrobenzene 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 7,100 8,900 4,300 500,000 15,000 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 69,000 98,000 46,000 8,300,000 140,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 | ug/kg | 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 | 36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | 35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 7,100 8,900 4,300 500,000 15,000 22,000 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 69,000 98,000 46,000 8,300,000 140,000 170,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 1,700 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 1,700 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,700 1,700 1,700 | ug/kg | 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 | 36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | 35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Methylnaphthalene 2-Nitroaniline | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 7,100 8,900 4,300 500,000 15,000 22,000 1,700 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 69,000 98,000 46,000 8,300,000 140,000 170,000 170,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 1,700 1,700 1,700 1,700 1,700 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,700 1,700 1,700 1,700 1,700 1,700 1,700 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,700 1,700 1,700 1,700 1,700 1,700 | ug/kg | 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 | 36 36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | 35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D |
| RECAP Screening Standards ³ 1,1 Biphenyl 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 2,3,4,6-Tetrachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene | 230,000 1,200 66,000 99,000 2,100 450 6,700 140,000 530,000 40,000 16,000 93,000 7,100 8,900 4,300 500,000 15,000 22,000 | 230,000 12,000 1,200,000 380,000 18,000 5,000 16,000 1,400,000 6,600,000 170,000 200,000 1,100,000 69,000 98,000 46,000 8,300,000 140,000 170,000 | 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 1,700 | Surface Soil (0-15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,400 1,700 | Sub-Surface Soil (>15 ft bgs) 190,000 6,900 14,000 29,000 2,100 250 5,700 31,000 320,000 1,300 12,000 20,000 1,700 1,000 390 500,000 1,700 1,700 1,700 | ug/kg | 39 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <41 | 36 | <41 <41 <41 <41 <41 <41 <41 <41 <41 <41 | <43 <43 <43 <43 <43 <43 <43 <43 <43 <43 | <44 <44 <44 <44 <44 <44 <44 <44 <44 <44 | 35 | <40 <40 <40 <40 <40 <40 <40 <40 <40 <40 | <42 <42 <42 <42 <42 <42 <42 <42 <42 <42 | 8270D |

Table 4 Area I Perimeter Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 3 of 4

| | | | | | | Sample Id ¹ | 2015.08.18 SB-4 (0-2) | 2015.08.18 SB-4 (16-18) | 2015.08 SB-4 (28 | | 2015.08.18 SB-5 (0-2) | 2015.08.18 SB-5 (16-18) | 2015.08.18 SB-5 (28-30) | 2015.08.18 SB DUP#2 SB-5 (28-30) | 2015.08.18 SB-6 (0-2) | 2015.08.18 SB-6 (20-22) | 2015.08.18 SB-6 (28-30) | Analytical Method |
|--|------------------|------------|------------|-----------------------------------|--|------------------------|--------------------------|----------------------------|---------------------|----------|--------------------------|----------------------------|----------------------------|--|--------------------------|----------------------------|----------------------------|----------------------|
| Analyte | | | | | | Units | Result Qual | Result Qual | Result (| Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qua | Result Qual | Result Qual | |
| 4-Nitroaniline | 10,000 | 100,000 | 1,700 | 1,700 | 1,700 | ug/kg | <390 | <430 | <410 | | <360 | <410 | <430 | <440 | <340 | <390 | <420 | 8270D |
| 4-Nitrophenol | 32,000 | 330,000 | 2,600 | 2,600 | 2,600 | ug/kg | <390 | <430 | <410 | | <360 | <410 | <430 | <440 | <340 | <390 | <420 | 8270D |
| Acenaphthene | 370,000 | 6,100,000 | 220,000 | 220,000 | 220,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Acenaphthylene | 350,000 | 5,100,000 | 88,000 | 88,000 | 88,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Aniline | 2,400 | 17,000 | 65 | 65 | 65 | ug/kg | <70 | <78 | <74 | | <65 | <74 | <78 | <80 | <63 | <71 | <76 | 8270D |
| Anthracene | 2,200,000 | 48,000,000 | 120,000 | 120,000 | 120,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Benz(a)anthracene | 620 | 2,900 | 330,000 | 2,900 | 330,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Benzo(a)pyrene | 330 | 330 | 23,000 | 330 | 23,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Benzo(b)fluoranthene | 620 | 2,900 | 220,000 | 2,900 | 220,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Benzo(k)fluoranthene | 6,200 | 29,000 | 120,000 | 29,000 | 120,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D 8270D |
| Bis(2-chlorisopropyl)ether | 4,900 | 17,000 | 800 | 800 | 800 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D 8270D |
| Bis(2-chloroethyl)ether | 330 | 1,100 | 330 | 330 | 330 | ug/kg | <39 | <44 | <41 | | <36 | <41 | <44 | <45 | <35 | <40 | <42 | 8270D 8270D |
| Bis(2-ethylhexyl)phthalate | 35,000 | 170,000 | 79,000 | 79,000 | 79,000 | ug/kg | <53 | <59 | <56 | | <49 | <56 | <59 | <60 | <47 | <54 | <57 | 8270D 8270D |
| Butyl benzyl phthalate | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D 8270D |
| Chrysene | 62,000 | 290,000 | 76,000 | 76,000 | 76,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D 8270D |
| Dibenz(a,h)anthracene | 330 | 330 | 540,000 | 330 | 540,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | |
| Dibenzofuran | 29,000 | 150,000 | 24,000 | 24,000 | 24,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | | 8270D |
| Diethyl phthalate | 670,000 | 670,000 | 360,000 | 360,000 | 360,000 | ug/kg | <39 | <43 | <41 | \dashv | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Dimethyl phthalate | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | | <42 | 8270D |
| Di-n-octyl phthalate | 240,000 | 3,500,000 | 10,000,000 | 3,500,000 | 10,000,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | | <40 | <42 | 8270D |
| Fluoranthene | 220,000 | 2,900,000 | 1,200,000 | 1,200,000 | 1,200,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Fluorene | 280,000 | 5,400,000 | 230,000 | 230,000 | 230,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | | <35 | <40 | <42 | 8270D |
| Hexachlorobenzene | 340 | 2,000 | 9,600 | 2,000 | 9,600 | ug/kg ug/kg | <39 | <43 | <41 | | <36 | <41 | | <44 | <35 | <40 | <42 | 8270D |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 5,500 | 5,500 | ug/kg ug/kg | <39 | <43 | <41 | | | | <43 | <44 | <35 | <40 | <42 | 8270D |
| Hexachlorocyclopentadiene | 1,400 | 9,400 | 1,200,000 | 9,400 | 1,200,000 | ug/kg ug/kg | <390 | <430 | <410 | | <36 <360 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Hexachloroethane | 5,200 | 68,000 | 2,200 | 2,200 | 2,200 | ug/kg ug/kg | <39 | <430 | | | | <410 | <430 | <440 | <340 | <390 | <420 | 8270D |
| ndeno(1,2,3-cd)pyrene | 620 | 2,900 | 9,200 | 2,900 | 9,200 | | | | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| sophorone | 340,000 | 1,100,000 | 560 | 560 | 560 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Naphthalene | 6,200 | 43,000 | 1,500 | 1,500 | 1,500 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Vitrobenzene | 2,200 | 25,000 | 330 | 330 | | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| N-Nitrosodi-n-propylamine | 330 | | | - | 330 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Pentachlorophenol | 2,800 | 330 | 330 | 330 | 330 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Phenanthrene | 2,800 | 9,700 | 1,700 | 1,700 | 1,700 | ug/kg | <390 | <430 | <410 | | <360 | <410 | <430 | <440 | <340 | <390 | <420 | 8270D |
| Phenol | | 43,000,000 | 660,000 | 660,000 | 660,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| | 1,300,000 | 15,000,000 | 11,000 | 11,000 | 11,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| Pyrene N-Nitrosodiphenylamine | 230,000 | 5,600,000 | 1,100,000 | 1,100,000 | 1,100,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | <42 | 8270D |
| | 90,000 | 400,000 | 2,100 | 2,100 | 2,100 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43. | <44 | <35 | <40 | <42 | 8270D |
| Regional Screening Level Summary Table ² | Residential Soil | Industi | rial Soil | Screen Surface Soil (0-15 ft bgs) | ing Level ² Sub-Surface Soil (>15 ft bgs) | | | | | | | | | | | | | |
| Di-n-butyl phthalate | 630,000 | 8,200 | 0,000 | 8,200,000 | 8,200,000 | ug/kg | <39 | <43 | <41 | | <36 | <41 | <43 | <44 | <35 | <40 | -42 | 92700 |
| Diphenylamine | 160,000 | 2,100 | | 2,100,000 | 2,100,000 | ug/kg | <39 | <43 | <41 | -+ | <36 | <41 | <43 | <44 | <35 | <40 | <42 <42 | 8270D 8270D |

Table 4 **Area I Perimeter Soil Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site** Minden, Louisiana Page 4 of 4

| | Sample Id ¹ | | 2015.08.18 SB-4 (16-18) | | | | | 2015.08.18 SB DUP#2 SB-5 (28-30) | 2015.08.18 SB-6 (0-2) | | 2015.08.18 SB-6 (28-30) | Analytical Method |
|---------|------------------------|-------------|----------------------------|-------------|-------------|-------------|-------------|--|--------------------------|-------------|----------------------------|----------------------|
| .nalyte | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | 100000 |

Concentrations in bold indicate the MDL exceeds the Screening Level.

Abbreviations:

<= Not detected at the reporting limit (or MDL or EDL if shown)

Qual = Qualifer

J= Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

F2= MS/MSD RPD exceeds control limits

F1= MS and/or MSD Recovery is outside acceptance limits

*=LCS or LCSD is outside acceptance limits

ug/kg = micrograms per killograms

RECAP = Risk Evaluation/Corrective Action Program

SSni = Soil Screening non-industrial

SSi = Soil Screening industrial

SSGW = Soil Screening protective of groundwater

¹ Sample Identification = collection date (year.month.day) soil boring location (SB) depth (feet below ground surface)

² The United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for industrial soil was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

³ The most conservative Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) Screening Standard (dated October 2003) of the soil for industrial use (SSi) and the soil concentration protective of groundwater (SSGW) was determined as the Screening Level for surface soil. The soil concentration protective of groundwater (SSGW) RECAP Screening Standard (RSS) was determined as the Screening Level for subsurface soil. The RECAP document (October 2003) defines surface soil as the interval present from the ground surface to a depth of 15 feet below ground surface, and subsurface soil as the interval present from 15 feet below ground surface to the depth of impact. Data from the baseline sample event will establish site closeout and site restoration.

TABLE 5 GROUNDWATER MONITORING WELL CHARACTERISTICS

DATE: 151022 Site Name: Camp Minden M6 Destruction

Monitoring Well Characteristics

| monitoring frem characteristics | | | | |
|------------------------------------|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| SITE MONITORING WELL NO. | MW-1 | MW-2 | MW-3 | MW-4 |
| PERMIT NUMBER/AUTHORIZATION | WWC-574 | WWC-574 | WWC-574 | WWC-574 |
| ротр і.р. | 11591Z | 11592Z | 11593Z | 11594Z |
| LATITUDE | 32° 33' 15.53" | 32° 33' 17.97" | 32° 33' 12.22" | 32° 33' 15.53" |
| LONGITUDE | 93° 27' 50.88" | 93° 27' 52.77" | 93° 27' 50.89" | 93° 27' 54.88" |
| LAT/LONG METHOD | SGB | SdĐ | GPS | GPS |
| UNIT/AREA MONITORED | Camp Minden - Area I | Camp Minden - Area I | Camp Minden - Area I | Camp Minden - Area I |
| WELL LOCATION | East side of Camp Minden Area I | North side of Camp Minden Area I | East side of Camp Minden Area I | West side of Camp Minden Area I |
| WELL TYPE | Monitoring | Monitoring | Monitoring | Monitoring |
| WELL STATUS | Active | Active | Active | Active |
| GRADIENT | Up Gradient | Up Gradient | Up Gradient | Up Gradient |
| CASING DIAMETER (INCHES) | 2 | 2 | 2 | 2 |
| CASING MATERIAL | PVC | PVC | PVC | PVC |
| DATE COMPLETED (yy,mm,dd) | 150818 | 150818 | 150818 | 150819 |
| ZONE MONITORED | Upper Water Bearing Zone | Upper Water Bearing Zone | Upper Water Bearing Zone | Upper Water Bearing Zone |
| ZONE THICKNESS (FEET) | 4 | 4 | 4 | 4 |
| ELEV. OF MEASURING POINT (NGVD) | 205.16 | 206.07 | 204.14 | 203.66 |
| WELL DEPTH AT INSTALLATION (NGVD) | 30 | 30 | 30 | 29 |
| GROUND SURFACE ELEVATION (NGVD) | 202.08 | 203.18 | 201.72 | 199.75 |
| TOP OF SCREENED INTERVAL (NGVD) | 182.08 | 183.18 | 181.72 | 180.75 |
| BOTTOM OF SCREENED INTERVAL (NGVD) | 172.08 | 173.18 | 171.72 | 170.75 |
| SUMP LENGTH (FEET) | 0.50 | 0.50 | 0.50 | 0.50 |
| | | | | |

TABLE 5 GROUND WATER MONITORING WELL CHARACTERISTICS

DATE: 151022 Site Name: Camp Minden M6 Destruction

Monitoring Well Characteristics

| PITE MONITORING WELL NO. MW-5 MW-5 MW-6 Perentit Number Perentit Number Perentit Number Perentit Number MW-5.74 MW-6.74 MW-6.574 MW-6.74 MW-6.74 MW-6.74 MW-6.74 MW-6.74 MW-6.74 MW-6.74 Perentit Number Perentit Number Number Number Perentit Number Num | | | |
|--|---------------------------------------|----------------------------------|---------------------------------|
| RIZATION WWC-574 11595Z 32° 33° 08.92" 32° 33° 08.92" 93° 27° 52.76" GPS GPS Camp Minden - Area I Camp Minden - Area I South side of Camp Minden Area I Active Monitoring Active ES) 2 m,dd) 150819 M,dd) 150819 Lupper Water Bearing Zone 4 ATION (FEET BGS) 27 ATION (NGVD) 200.78 ATION (NGVD) 200.78 RVAL (NGVD) 183.78 NTERVAL (NGVD) 173.78 NTERVAL (NGVD) 0.50 | SITE MONITORING WELL NO. | MW-5 | MW-6 |
| 11595Z 32° 33' 08.92" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76" 93° 27' 52.76 93° 27' 52.76 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53.78 93° 27' 53° 27 | PERMIT NUMBER/AUTHORIZATION | WWC-574 | WWC-574 |
| 32° 33' 08.92" 93° 27' 52.76" GPS Camp Minden - Area I Camp Minden - Area I South side of Camp Minden Area I Monitoring Active Down Gradient ES) PyC PyC PyC PyC Upper Water Bearing Zone 4 ATION (FEET BGS) ATION (FEET BGS) ATION (NGVD) 200.78 XVAL (NGVD) 133.78 NTERVAL (NGVD) 0.50 | ротр і.р. | 11595Z | 11596Z |
| 93° 27' 52.76" GPS Camp Minden - Area I Camp Minden - Area I South side of Camp Minden Area I Monitoring Active Down Gradient PVC PVC PVC PVC Down Gradient 2 PVC PVC ATION (FEET BGS) ATION (FEET BGS) ATION (NGVD) ATION (N | LATITUDE | 32° 33' 08.92" | 32° 33' 12.14" |
| Camp Minden - Area Camp Minden - Area South side of Camp Minden Area Monitoring | LONGITUDE | 93° 27' 52.76" | 93° 27' 54.82" |
| Camp Minden - Area South side of Camp Minden Area Monitoring | LAT/LONG METHOD | GPS | Sd9 |
| South side of Camp Minden Area | UNIT/AREA MONITORED | Camp Minden - Area I | Camp Minden - Area I |
| Monitoring Active ES) 2 m,dd) PVC m,dd) 150819 PVC 4 NINT (NGVD) 204.08 ATION (FEET BGS) 27 ATION (FEET BGS) 27 ATION (NGVD) 200.78 RVAL (NGVD) 183.78 NTERVAL (NGVD) 173.78 NTERVAL (NGVD) 0.50 | WELL LOCATION | South side of Camp Minden Area I | West side of Camp Minden Area I |
| ES) Down Gradient ES) 2 m,dd) PVC m,dd) 150819 Dupper Water Bearing Zone 4 ATION (FEET BGS) 27 ATION (FEET BGS) 27 ATION (NGVD) 200.78 RVAL (NGVD) 183.78 NTERVAL (NGVD) 173.78 NTERVAL (NGVD) 173.78 | WELL TYPE | Monitoring | Monitoring |
| ES) m,dd) m,dd) m,dd) m,dd) m,dd) Down Gradient PVC PVC PVC 150819 4 4 MIT (NGVD) ATION (FEET BGS) ATION (FEET BGS) ATION (NGVD) ATION (NGVD) RVAL (NGVD) 183.78 NTERVAL (NGVD) 0.50 | WELL STATUS | Active | Active |
| ES) 2 m,dd) PVC m,dd) 150819 Upper Water Bearing Zone 4 INT (NGVD) 204.08 ATION (FEET BGS) 27 ATION (NGVD) 200.78 XVAL (NGVD) 183.78 NTERVAL (NGVD) 173.78 NTERVAL (NGVD) 0.50 | GRADIENT | Down Gradient | Up Gradient |
| m,dd) PVC m,dd) 150819 Upper Water Bearing Zone 4 ATION (RGVD) 204.08 ATION (FEET BGS) 27 ATION (NGVD) 200.78 RVAL (NGVD) 183.78 NTERVAL (NGVD) 173.78 NTERVAL (NGVD) 0.50 | CASING DIAMETER (INCHES) | 2 | 2 |
| m,dd) 150819 Upper Water Bearing Zone 4 INT (NGVD) 204.08 ATION (FEET BGS) 27 ATION (NGVD) 200.78 XVAL (NGVD) 183.78 NTERVAL (NGVD) 173.78 O.50 | CASING MATERIAL | PVC | PVC |
| Upper Water Bearing Zone 4 4 | DATE COMPLETED (yy,mm,dd) | 150819 | 150819 |
| 4 ATION (FEET BGS) 27 ATION (NGVD) 200.78 SVAL (NGVD) 183.78 NTERVAL (NGVD) 173.78 0.50 | ZONE MONITORED | Upper Water Bearing Zone | Upper Water Bearing Zone |
| POINT (NGVD) 204.08 ALLATION (FEET BGS) 27 EVATION (NGVD) 200.78 TERVAL (NGVD) 183.78 ED INTERVAL (NGVD) 173.78 0.50 0.50 | ZONE THICKNESS (FEET) | 4 | 4 |
| ALLATION (FEET BGS) 27 EVATION (NGVD) 200.78 TERVAL (NGVD) 183.78 ED INTERVAL (NGVD) 173.78 0.50 0.50 | ELEV. OF MEASURING POINT (NGVD) | 204.08 | 202.69 |
| EVATION (NGVD) 200.78 TERVAL (NGVD) 183.78 ED INTERVAL (NGVD) 173.78 0.50 0.50 | WELL DEPTH AT INSTALLATION (FEET BGS) | 27 | 28 |
| TERVAL (NGVD) 183.78 ED INTERVAL (NGVD) 173.78 0.50 | GROUND SURFACE ELEVATION (NGVD) | 200.78 | 200.51 |
| ED INTERVAL (NGVD) 173.78 0.50 | TOP OF SCREENED INTERVAL (NGVD) | 183.78 | 182.51 |
| 0.50 | BOTTOM OF SCREENED INTERVAL (NGVD) | 173.78 | 172.51 |
| | SUMP LENGTH (FEET) | 0.50 | 0.50 |

TABLE 6 AREA I GROUNDWATER SAMPLING SUMMARY M6 DESTRUCTION PROJECT CAMP MINDEN NATIONAL GUARD TRAINING SITE MINDEN, LOUISIANA

| | | Potentiometric Data | |
|----------------------------------|---------------------------------|---------------------------------------|--------------------------------------|
| Monitoring/Sample Well Number | TOC Elevation (feet NGVD) | Depth to Water (feet below TOC) | Corrected GW Elev. (feet NGVD) |
| MW-1 | | | |
| August 31, 2015 | 205.16 | 23.10 | 182.06 |
| | | | |
| MW-2 | | | |
| August 31, 2015 | 206.07 | 23.85 | 182.22 |
| | | | |
| MW-3 | | | |
| August 31, 2015 | 204.14 | 22.52 | 181.62 |
| MW-4 | | | |
| August 31, 2015 | 203.66 | 22.18 | 181.48 |
| MW-5 | *** | | |
| August 31, 2015 | 204.08 | 22.74 | 181.34 |
| NATI C | | | |
| MW-6 | 202.60 | 21.22 | 101 47 |
| August 31, 2015 | 202.69 | 21.22 | 181.47 |
| | | | |

Notes:

feet NGVD: National Geodetic Vertical Datum feet below TOC: feet below Top of Casing Elevation

Table 7 Area I Groundwater Monitoring Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 1 of 5

| | | | Sample Id ¹ | 2015.08.31 MW-1 | 2015.08.31 MW-2 | 2015.08.31 MW-3 | 2015.08.31 MW-4 | 2015.08.31 MW-5 | 2015.08.31 MW-6 | 2015.08.31 GW DUP #1 MW-6 | Analytical Method |
|--|----------|---------------------------------|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------------------|----------------------|
| Analyte | | | Units | Result Qual | |
| Nitroaromatics and Nitramines | | | | | | | | | | | |
| Regional Screening Level Summary Table ² | Tapwater | Screening Level ² | | | | | | | | | |
| 1,3,5-Trinitrobenzene | 59 | 59 | ug/L | <0.057 | <0.057 | <0.057 | < 0.057 | < 0.057 | < 0.057 | <0.057 | 8330B |
| 1,3-Dinitrobenzene | 0.2 | 0.2 | ug/L | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 8330B |
| 2,4,6-Trinitrotoluene | 0.98 | 0.98 | ug/L | < 0.080 | < 0.080 | < 0.080 | < 0.080 | < 0.080 | < 0.080 | <0.080 | 8330B |
| 2,4-Dinitrotoluene | 0.24 | 0.24 | ug/L | < 0.081 | <0.081 | < 0.081 | <0.081 | < 0.081 | < 0.081 | <0.081 | 8330B |
| 2,6-Dinitrotoluene | 0.048 | 0.048 | ug/L | <0.13 | <0.13 | <0.13 | <0.13 | <0.13 | <0.13 | <0.13 | 8330B |
| 2-Amino-4,6-dinitrotoluene | 3.9 | 3.9 | ug/L | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | 8330B |
| 4-Amino-2,6-dinitrotoluene | 3.9 | 3.9 | ug/L | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | 8330B |
| 3-Nitrotoluene | 0.17 | 0.17 | ug/L | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | <0.12 | 8330B |
| Nitrobenzene | 0.14 | 0.14 | ug/L | <0.082 | <0.082 | <0.082 | <0.082 | <0.082 | < 0.082 | <0.082 | 8330B |
| Nitroglycerin | 0.2 | 0.2 | ug/L | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 8330B |
| 2-Nitrotoluene | 0.31 | 0.31 | ug/L | <0.095 | < 0.095 | <0.095 | <0.095 | <0.095 | < 0.095 | <0.095 | 8330B |
| 4-Nitrotoluene | 4.2 | 4.2 | ug/L | <0.14 | <0.14 | <0.14 | <0.14 | <0.14 | <0.14 | <0.14 | 8330B |
| Pentaerythritol Tetranitrate | 3.9 | 3.9 | ug/L | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | 8330B |
| RDX | 0.7 | 0.7 | ug/L | < 0.094 | < 0.094 | <0.094 | < 0.094 | < 0.094 | < 0.094 | <0.094 | 8330B |
| HMX | 100 | 100 | ug/L | <0.11 | <0.11 | <0.11 | <0.11 | <0.11 | < 0.11 | <0.11 | 8330B |
| Tetryl | 3.9 | 3.9 | ug/L | <0.059 | < 0.059 | < 0.059 | <0.059 | <0.059 | < 0.059 | <0.059 | 8330B |
| Volatile Organic Compounds | | | | | | | | | | | |
| RECAP Screening Standards ³ | GWSS | Screening Level ³ | | | | | | | | | |
| Acetone | 100 | 100 | ug/L | <6.7 | <6.7 | <6.7 | <6.7 | <6.7 | <6.7 | <6.7 | 8260C |
| Benzene | 5 | 5 | ug/L | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | 8260C |
| Bromoform | 100 | 100 | ug/L | <0.37 | <0.37 | <0.37 | <0.37 *F2 | <0.37 * | <0.37 * | <0.37 * | 8260C |
| Bromodichloromethane | 100 | 100 | ug/L | <0.25 | <0.25 | <0.25 | <0.25 F2 | <0.25 | <0.25 | <0.25 | 8260C |
| Bromomethane | 10 | 10 | ug/L | <0.40 | <0.40 | <0.40 | <0.40 F2 | <0.40 | <0.40 | <0.40 | 8260C |
| 2-Butanone (methyl ethyl ketone) | 190 | 190 | ug/L | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | 8260C |
| Carbon disulfide | 100 | 100 | ug/L | <0.37 | < 0.37 | <0.37 | <0.37 F1 | <0.37 | < 0.37 | <0.37 | 8260C |
| Carbon tetrachloride | 5 | 5 | ug/L | <0.36 | < 0.36 | < 0.36 | <0.36 F2, F1 | <0.36 | < 0.36 | <0.36 | 8260C |
| Chlorobenzene | 100 | 100 | ug/L | <0.38 | <0.38 | <0.38 | <0.38 * | <0.38 | <0.38 | <0.38 * | 8260C |
| Dibromochloromethane (chlorodibromomethane) | 100 | 100 | ug/L | <0.33 | <0.33 | <0.33 | <0.33 * | <0.33 | < 0.33 | <0.33 * | 8260C |

Table 7 Area I Groundwater Monitoring Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 2 of 5

| | | | Sample Id ¹ | 2015.08.31 MW-1 | 2015.08.31 MW-2 | 2015.08.31 MW-3 | 2015.08.31 MW-4 | 2015.08.31 MW-5 | 2015.08.31 MW-6 | 2015.08.31 GW DUP #1 MW-6 | Analytical Method |
|---|-------|---------------------------------|------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------------------|----------------------|
| Analyte | | | Units | Result Qua | Result Qual | |
| Chloroethane | 10 | 10 | ug/L | <0.38 | <0.38 | <0.38 | <0.38 F2 | <0.38 | <0.38 | <0.38 | 8260C |
| Chloroform | 100 | 100 | ug/L | <0.15 | <0.15 | <0.15 | <0.15 F2, F1 | <0.15 | <0.15 | <0.15 | 8260C |
| Chloromethane | 10 | 10 | ug/L | < 0.55 | < 0.55 | <0.55 | <0.55 F1 | <0.55 | <0.55 | <0.55 | 8260C |
| 1,2-Dibromo-3-chloropropane | 0.2 | 0.2 | ug/L | <1.2 | <1.2 | <1.2 | <1.2 *F2 | <1.2 * | <1.2 * | <1.2 * | 8260C |
| 1,1-Dichloroethane | 81 | 81 | ug/L | <0.39 | <0.39 | <0.39 | <0.39 F1 | <0.39 | <0.39 | <0.39 | 8260C |
| 1,2-Dichloroethane | 5 | 5 | ug/L | < 0.37 | < 0.37 | <0.37 | <0.37 | <0.37 | < 0.37 | <0.37 | 8260C |
| cis-1,2-Dichloroethene | 70 | 70 | ug/L | <0.16 | <0.16 | <0.16 | <0.16 F1, F2 | <0.16 | <0.16 | <0.16 | 8260C |
| trans-1,2-Dichloroethene | 100 | 100 | ug/L | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | 8260C |
| 1,1-Dichloroethene | 7 | 7 | ug/L | <0.37 | < 0.37 | <0.37 | <0.37 F1 | < 0.37 | < 0.37 | <0.37 | 8260C |
| 1,2-Dichloropropane | 5 | 5 | ug/L | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | <0.32 | 8260C |
| Ethyl benzene | 700 | 700 | ug/L | <0.30 | <0.30 | <0.30 | <0.30 * | <0.30 | <0.30 | <0.30 * | 8260C |
| Hexachlorobutadiene | 0.73 | 0.73 | ug/L | <0.25 | <0.25 | <0.25 | <0.25 * | <0.25 * | <0.25 * | <0.25 * | 8260C |
| Isobutylalcohol | 1100 | 1100 | ug/L | <7.3 | <7.3 | <7.3 | <7.3 | <7.3 | <7.3 | <7.3 | 8260C |
| Methylene Chloride | 5 | 5 | ug/L | <1.7 | <1.7 | <1.7 | <1.7 F1 | <1.7 | <1.7 | <1.7 | 8260C |
| 4-Methyl-2-pentanone (methyl isobutyl ketone) | 200 | 200 | ug/L | <0.33 | <0.33 | <0.33 | <0.33 * | <0.33 | <0.33 | <0.33 * | 8260C |
| Methyl tert-butyl ether (MTBE) | 20 | 20 | ug/L | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | 8260C |
| Trichlorofluoromethane | 130 | 130 | ug/L | <0.22 | <0.22 | <0.22 | <0.22 F2 | <0.22 | <0.22 | <0.22 | 8260C |
| Trichloroethene | 5 | 5 | ug/L | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | 8260C |
| 1,1,1-Trichloroethane | 200 | 200 | ug/L | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | <0.29 | 8260C |
| Vinyl Chloride | 2 | 2 | ug/L | <0.43 | <0.43 | <0.43 | <0.43 F1 | <0.43 | <0.43 | <0.43 | 8260C |
| 1,1,1,2-Tetrachloroethane | 5 | 5 | ug/L | <0.25 | <0.25 | <0.25 | <0.25 * | <0.25 | <0.25 | <0.25 * | 8260C |
| 1,1,2,2-Tetrachloroethane | 0.5 | 0.5 | ug/L | <0.43 | <0.43 | <0.43 | <0.43 *F2 | <0.43 * | <0.43 * | <0.43 * | 8260C |
| 1,1,2-Trichloroethane | 5 | 5 | ug/L | < 0.57 | <0.57 | <0.57 | <0.57 * | <0.57 | <0.57 | <0.57 * | 8260C |
| Styrene | 100 | 100 | ug/L | <0.35 | <0.35 | <0.35 | <0.35 *F2,F1 | <0.35 | <0.35 | <0.35 * | 8260C |
| Tetrachloroethene (tetrachloroethylene) | 5 | 5 | ug/L | <0.28 | <0.28 | <0.28 | <0.28 * | <0.28 | <0.28 | <0.28 * | 8260C |
| Toluene | 1000 | 1000 | ug/L | <1.0 | <1.0 | <1.0 | <1.0 * | <1.0 | <1.0 | <1.0 * | 8260C |
| Xylenes (total) | 10000 | 10000 | ug/L | <0.85 | <0.85 | <0.85 | <0.85 *F1 | <0.85 | <0.85 | <0.85 | 8260C |
| 1,3-Dichloropropene, Total | 5 | 5 | ug/L | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | <0.69 | 8260C |
| Semivolatile Organic Compounds | | | | | | | | | | , | 02000 |
| RECAP Screening Standards ³ | GWSS | Screening Level ³ | | | | | | | | | |
| Acenaphthene | 37 | 37 | ug/L | < 0.95 | < 0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Acenaphthylene | 100 | 100 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |

Table 7 Area I Groundwater Monitoring Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 3 of 5

| | | | Sample Id ¹ | 2015.08.31 MW-1 | 2015.08.31 MW-2 | 2015.08.31 MW-3 | 2015.08.31 MW-4 | 2015.08.31 MW-5 | 2015.08.31 MW-6 | 2015.08.31 GW DUP #1 MW-6 | Analytical Method |
|----------------------------|-------|-------|------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------------------|----------------------|
| Analyte | | | Units | Result Qual | |
| Aniline | 12 | 12 | ug/L | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | 8270D |
| Anthracene | 43 | 43 | ug/L | <0.95 | < 0.95 | <0.95 | <0.96 | < 0.95 | < 0.95 | <0.95 | 8270D |
| Benz(a)anthracene | 7.8 | 7.8 | ug/L | <0.95 | < 0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Benzo(a)pyrene | 0.2 | 0.2 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Benzo(b)fluoranthene | 4.8 | 4.8 | ug/L | <0.95 | < 0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Benzo(k)fluoranthene | 2.5 | 2.5 | ug/L | <0.95 | < 0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 1,1 Biphenyl | 30 | 30 | ug/L | < 0.95 | <0.95 | <0.95 | <0.96 | < 0.95 | <0.95 | <0.95 | 8270D |
| Bis(2-chloroethyl)ether | 5.7 | 5.7 | ug/L | < 0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Bis(2-chlorisopropyl)ether | 5.7 | 5.7 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Bis(2-ethylhexyl)phthalate | 6 | 6 | ug/L | <1.8 | <1.8 | <1.8 | <1.8 | <1.8 | <1.8 | <1.8 | 8270D |
| Butyl benzyl phthalate | 730 | 730 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 2-Chloronaphthalene | 49 | 49 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 2-Chlorophenol | 10 | 10 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Chrysene | 1.6 | 1.6 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Dibenz(a,h)anthracene | 2.5 | 2.5 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Dibenzofuran | 10 | 10 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 1,2-Dichlorobenzene | 600 | 600 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 1,3-Dichlorobenzene | 10 | 10 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 1,4-Dichlorobenzene | 75 | 75 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 3,3-Dichlorobenzidine | 20 | 20 | ug/L | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | 8270D |
| 2,4-Dichlorophenol | 11 | 11 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Diethyl phthalate | 2900 | 2900 | ug/L | 4.1 J | <0.95 | <0.95 | <0.96 | <0.95 | 1.4 J | <0.95 | 8270D |
| 2,4-Dimethylphenol | 73 | 73 | ug/L | <0.95 | < 0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Dimethyl phthalate | 37000 | 37000 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 1,3-Dinitrobenzene | 10 | 10 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 2,4-Dinitrophenol | 50 | 50 | ug/L | <1.9 | <1.9 | <1.9 | <1.9 | <1.9 | <1.9 | <1.9 | 8270D |
| 2,4-Dinitrotoluene | 10 | 10 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 2,6-Dinitrotoluene | 10 | 10 | ug/L | <2.0 | <2.1 | <2.1 | <2.1 | <2.1 | <2.1 | <2.1 | 8270D |
| Di-n-octyl phthalate | 20 | 20 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Fluoranthene | 150 | 150 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Fluorene | 24 | 24 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Hexachlorobenzene | 1 | 1 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Hexachlorobutadiene | 0.73 | 0.73 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Hexachlorocyclopentadiene | 50 | 50 | ug/L | < 0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |

Table 7 Area I Groundwater Monitoring Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 4 of 5

| | | | Sample 2 Id ¹ | | 2015.08.31 MW-2 | 2015.08.31 MW-3 | 2015.08.31 MW-4 | 2015.08.31 MW-5 | 2015.08.31 MW-6 | 2015.08.31 GW DUP #1 MW-6 | Analytical Method |
|--|----------|---------------------------------|--------------------------|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------------------|----------------------|
| Analyte | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | Result Qual | |
| Hexachloroethane | 10 | 10 | ug/L | <0.95 | <0.95 | <0.95 | < 0.96 | <0.95 | < 0.95 | <0.95 | 8270D |
| Indeno(1,2,3-cd)pyrene | 3.7 | 3.7 | ug/L | <0.95 | <0.95 | < 0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Isophorone | 70 | 70 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | < 0.95 | <0.95 | 8270D |
| 2-Methylnaphthalene | 0.62 | 0.62 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Naphthalene | 10 | 10 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 2-Nitroaniline | 50 | 50 | ug/L | <1.0 | <1.0 | <1.0 | <1.1 | <1.0 | <1.1 | <1.0 | 8270D |
| 3-Nitroaniline | 50 | 50 | ug/L | <0.95 | <0.95 | <0.95 | < 0.96 | <0.95 | < 0.95 | <0.95 | 8270D |
| 4-Nitroaniline | 50 | 50 | ug/L | <0.95 | <0.95 | < 0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Nitrobenzene | 1.9 | 1.9 | ug/L | <0.95 | <0.95 | < 0.95 | <0.96 | <0.95 | < 0.95 | <0.95 | 8270D |
| 4-Nitrophenol | 50 | 50 | ug/L | <1.9 | <1.9 | <1.9 | <1.9 | <1.9 | <1.9 | <1.9 | 8270D |
| N-Nitrosodi-n-propylamine | 10 | 10 | ug/L | <1.4 | <1.4 | <1.4 | <1.4 | <1.4 | <1.4 | <1.4 | 8270D |
| N-Nitrosodiphenylamine | 14 | 14 | ug/L | <0.95 | <0.95 | < 0.95 | <0.96 | <0.95 | < 0.95 | <0.95 | 8270D |
| Pentachlorophenol | 1 | 1 | ug/L | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | 8270D |
| Phenanthrene | 180 | 180 | ug/L | <0.95 | <0.95 | < 0.95 | < 0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Phenol | 180 | 180 | ug/L | <1.9 | <1.9 | <1.9 | <1.9 | <1.9 | <1.9 | <1.9 | 8270D |
| Pyrene | 18 | 18 | ug/L | <0.95 | <0.95 | < 0.95 | <0.96 | <0.95 | < 0.95 | <0.95 | 8270D |
| 1,2,4,5-Tetrachlorobenzene | 1.1 | 1.1 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | < 0.95 | <0.95 | 8270D |
| 2,3,4,6-Tetrachlorophenol | 110 | 110 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 1,2,4-Trichlorobenzene | 70 | 70 | ug/L | <0.95 | <0.95 | <0.95 | < 0.96 | <0.95 | < 0.95 | <0.95 | 8270D |
| 2,4,5-Trichlorophenol | 370 | 370 | ug/L | <0.95 | <0.95 | < 0.95 | < 0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| 2,4,6-Trichlorophenol | 10 | 10 | ug/L | <0.95 | <0.95 | < 0.95 | < 0.96 | <0.95 | < 0.95 | <0.95 | 8270D |
| Regional Screening Level Summary Table ² | Tapwater | Screening Level ² | | | • | • | | - | | | |
| Di-n-butyl phthalate | 90 | 90 | ug/L | <0.95 | <0.95 | <0.95 | <0.96 | <0.95 | <0.95 | <0.95 | 8270D |
| Diphenylamine | 31 | 31 | ug/L | <0.95 | <0.95 | <0.95 | < 0.96 | < 0.95 | <0.95 | <0.95 | 8270D |

Notes:

Concentrations in bold indicate the MDL exceeds the Screening Level.

¹ Sample Identification = collection date (year.month.day) monitoring well location (MW)

² The United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for tapwater was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

³ The Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) (dated October 2003) Groundwater Screening Standard (GWSS) was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

Table 7 Area I Groundwater Monitoring Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 5 of 5

| | Sample Id ¹ | 2015.08.31 MW-1 | 2015.08.31 MW-2 | 2015.08.31 MW-3 | 2015.08.31 MW-4 | 2015.08.31 MW-5 | 2015.08.31 MW-6 | 2015.08.31 GW DUP #1 MW-6 | Analytical Method |
|---------|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------------------|----------------------|
| Analyte | Units | Result Qual | |

Abbreviations:

< = Not detected at the reporting limit (or MDL or EDL if shown)

Qual = Qualifer

J= Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

F2= MS/MSD RPD exceeds control limits

F1= MS and/or MSD Recovery is outside acceptance limits

*=LCS or LCSD is outside acceptance limits

ug/L = micrograms per Liter

RECAP = Risk Evaluation/Corrective Action Program

GWSS = Groundwater Screening Standard

Table 8 Clarkes Bayou Surface Water Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 1 of 2

| | | | Sample Id ¹ | 2015.08.31 Surfacewater Downstream | 2015.08.31 Surfacewate Point of Disch | er Surfacewater | Analytical Method |
|--|-----------|---------------------------------|---------------------------|--|---|-----------------|----------------------|
| Analyte | | | Units | Result Qual | Result C | ual Result Qual | |
| Volatile Organic Compounds | | | | | | | |
| RECAP Screening Standards ² | GWSS | Screening Level ² | | | | | |
| Acetone | 100 | 100 | ug/L | <6.7 | <6.7 | <6.7 | 8260C |
| Benzene | 5 | 5 | ug/L | < 0.25 | <0.25 | <0.25 | 8260C |
| Bromoform | 100 | 100 | ug/L | <0.37 * | <0.37 * | <0.37 | 8260C |
| Bromodichloromethane | 100 | 100 | ug/L | <0.25 | <0.25 | <0.25 | 8260C |
| Bromomethane | 10 | 10 | ug/L | <0.40 | <0.40 | <0.40 | 8260C |
| 2-Butanone (methyl ethyl ketone) | 190 | 190 | ug/L | <0.39 | <0.39 | <0.39 | 8260C |
| Carbon disulfide Carbon tetrachloride | 100 | 100 | ug/L | <0.37 <0.36 | <0.37 | <0.37 | 8260C |
| Chlorobenzene | 100 | 100 | ug/L ug/L | <0.38 | <0.36 <0.38 * | <0.36 <0.38 | 8260C 8260C |
| Dibromochloromethane (chlorodibromomethane) | 100 | 100 | ug/L ug/L | <0.33 | <0.33 * | <0.33 | 8260C |
| Chloroethane | 10 | 10 | ug/L | <0.38 | <0.38 | <0.38 | 8260C |
| Chloroform | 100 | 100 | ug/L | <0.15 | <0.15 | <0.15 | 8260C |
| Chloromethane | 10 | 10 | ug/L | <0.55 | <0.55 | <0.55 | 8260C |
| ,2-Dibromo-3-chloropropane | 0.2 | 0.2 | ug/L | <1.2 * | <1.2 * | <1.2 | 8260C |
| 1,1-Dichloroethane | 81 | 81 | ug/L | <0.39 | < 0.39 | <0.39 | 8260C |
| 1,2-Dichloroethane | 5 | 5 | ug/L | < 0.37 | <0.37 | <0.37 | 8260C |
| cis-1,2-Dichloroethene | 70 | 70 | ug/L | <0.16 | <0.16 | <0.16 | 8260C |
| rans-1,2-Dichloroethene | 100 | 100 | ug/L | <0.18 | <0.18 | < 0.18 | 8260C |
| ,1-Dichloroethene | 7 | 7 | ug/L | < 0.37 | <0.37 | <0.37 | 8260C |
| 1,2-Dichloropropane | 5 | 5 | ug/L | < 0.32 | <0.32 | <0.32 | 8260C |
| Ethyl benzene | 700 | 700 | ug/L | <0.30 | <0.30 * | <0.30 | 8260C |
| Hexachlorobutadiene | 0.73 | 0,73 | ug/L | <0.25 * | <0.25 * | <0.25 | 8260C |
| sobutylalcohol | 1100 | 1100 | ug/L | <7.3 | <7.3 | <7.3 | 8260C |
| Methylene Chloride | 5 200 | 5 | ug/L | <1.7 | <1.7 | <1.7 | 8260C |
| 4-Methyl-2-pentanone (methyl isobutyl ketone) Methyl tert-butyl ether (MTBE) | 200 | 200 | ug/L ug/L | <0.33 | <0.40 | <0.33 <0.40 | 8260C |
| Frichlorofluoromethane | 130 | 130 | ug/L | <0.22 | <0.22 | <0.22 | 8260C 8260C |
| Trichloroethene | 5 | 5 | ug/L | <0.29 | <0.29 | <0.29 | 8260C |
| 1,1,1-Trichloroethane | 200 | 200 | ug/L | <0.29 | <0.29 | <0.29 | 8260C |
| Vinyl Chloride | 2 | 2 | ug/L | <0.43 | <0.43 | <0.43 | 8260C |
| 1,1,1,2-Tetrachloroethane | 5 | 5 | ug/L | <0.25 | <0.25 * | <0.25 | 8260C |
| 1,1,2,2-Tetrachloroethane | 0.5 | 0.5 | ug/L | <0.43 * | <0.43 * | <0.43 | 8260C |
| 1,1,2-Trichloroethane | 5 | 5 | ug/L | <0.57 | <0.57 * | < 0.57 | 8260C |
| Styrene | 100 | 100 | ug/L | <0.35 | <0.35 * | <0.35 | 8260C |
| l'etrachloroethene (tetrachloroethylene) | 5 | 5 | ug/L | <0.28 | <0.28 * | <0.28 | 8260C |
| l'oluene | 1000 | 1000 | ug/L | <1.0 | <1.0 * | <1.0 | 8260C |
| Xylenes (total) | 10000 | 10000 | ug/L | <0.85 | <0.85 | < 0.85 | 8260C |
| 1,3-Dichloropropene, Total | 5 | 5 | ug/L | <0.69 | <0.69 | <0.69 | 8260C |
| Semivolatile Organic Compounds | | | | | | | |
| RECAP Screening Standards ² | GWSS | Screening | | | | | |
| | 7 12 12 1 | Level ² | | | | | |
| I,1 Biphenyl | 30 | 30 | ug/L | <1.0 | <0.96 | <0.99 | 8270D |
| 1,2,4,5-Tetrachlorobenzene | 70 | 70 | ug/L | <1.0 | <0.96 | <0.99 | 8270D |
| 1,2-Dichlorobenzene | 600 | 600 | ug/L ug/L | <1.0 <1.0 | <0.96 <0.96 | <0.99 | 8270D 8270D |
| 1,3-Dichlorobenzene | 10 | 10 | ug/L ug/L | <1.0 | <0.96 | <0.99 | 8270D 8270D |
| 1,3-Dinitrobenzene | 10 | 10 | ug/L | <1.0 | <0.96 | <0.99 | 8270D |
| ,4-Dichlorobenzene | 75 | 75 | ug/L | <1.0 | <0.96 | <0.99 | 8270D |
| 2,3,4,6-Tetrachlorophenol | 110 | 110 | ug/L | <1.0 | <0.96 | <0.99 | 8270D |
| 2,4,5-Trichlorophenol | 370 | 370 | ug/L. | <1.0 | <0.96 | <0.99 | 8270D |
| 2,4,6-Trichlorophenol | 10 | 10 | ug/L | <1.0 | <0.96 | <0.99 | 8270D |
| 2,4-Dichlorophenol | 11 | 11 | ug/L | <1.0 | <0.96 | <0.99 | 8270D |
| 2,4-Dimethylphenol | 73 | 73 | ug/L | <1.0 | <0.96 | <0.99 | 8270D |
| 2,4-Dinitrophenol | 50 | 50 | ug/L | <2.0 | <1.9 | <2.0 | 8270D |
| 2,4-Dinitrotoluene | 10 | 10 | ug/L | <1.0 | <0.96 | <0.99 | 8270D |
| 2,6-Dinitrotoluene | 10 | 10 | ug/L | <2.2 | <2.1 | <2.1 | 8270D |
| 2-Chloronaphthalene | 49 | 49 | ug/L | <1.0 | <0.96 | < 0.99 | 8270D |

Table 8 Clarkes Bayou Surface Water Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana

Minden, Louisian Page 2 of 2

| | | | Sample Id ¹ | 2015.08.31 Surfacewater Downstream | 2015.08 Surfaces Point of Di | vater | 2015.08.31 Surfacewater Upstream | | Analytical Method |
|----------------------------|----------|--------------------|---------------------------|--|------------------------------------|-------|--|--------|----------------------|
| Analyte | | | Units | Result Qual | Result | Qual | Result | Qual | |
| 2-Chlorophenol | 10 | 10 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| 2-Methylnaphthalene | 0.62 | 0.62 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| 2-Nitroaniline | 50 | 50 | ug/L | <1.1 | <1.1 | | <1.1 | | 8270D |
| 3,3-Dichlorobenzidine | 20 | 20 | ug/L | <1.3 | <1.2 | | <1.3 | | 8270D |
| 3-Nitroaniline | 50 | 50 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| 4-Nitroaniline | 50 | 50 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| 4-Nitrophenol | 50 | 50 | ug/L | <2.0 | <1.9 | | <2.0 | | 8270D |
| Acenaphthene | 37 | 37 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Acenaphthylene | 100 | 100 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Aniline | 12 | 12 | ug/L | <1.3 | <1.2 | | <1.3 | | 8270D |
| Anthracene | 43 | 43 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Benz(a)anthracene | 7.8 | 7.8 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Benzo(a)pyrene | 0.2 | 0.2 | ug/L | <1.0 | <0.96 | | <0.99 | | 8270D |
| Benzo(b)fluoranthene | 4.8 | 4.8 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Benzo(k)fluoranthene | 2.5 | 2.5 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Bis(2-chlorisopropyl)ether | 5.7 | 5.7 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Bis(2-chloroethyl)ether | 5.7 | 5.7 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Bis(2-ethylhexyl)phthalate | 6 | 6 | ug/L | <1.9 | <1.8 | | <1.8 | | 8270D |
| Butyl benzyl phthalate | 730 | 730 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Chrysene | 1.6 | 1.6 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Dibenz(a,h)anthracene | 2.5 | 2.5 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Dibenzofuran | 10 | 10 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Diethyl phthalate | 2900 | 2900 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Dimethyl phthalate | 37000 | 37000 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Di-n-octyl phthalate | 20 | 20 | ug/L | <1.0 | <0.96 | | <0.99 | | 8270D |
| Fluoranthene | 150 | 150 | ug/L | <1.0 | <0.96 | | <0.99 | | 8270D |
| Fluorene | 24 | . 24 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Hexachlorobutadiene | 0.73 | 0.73 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Hexachlorobenzene | 1 | 1 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Hexachlorocyclopentadiene | 50 | 50 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Hexachloroethane | 10 | 10 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Indeno(1,2,3-cd)pyrene | 3.7 | 3.7 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Isophorone | 70 | 70 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Naphthalene | 10 | 10 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |
| Nitrobenzene | 1.9 | 1.9 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| N-Nitrosodi-n-propylamine | 10 | 10 | ug/L | <1.5 | <1.4 | | <1.5 | | 8270D |
| N-Nitrosodiphenylamine | 14 | 14 | ug/L | <1.0 | < 0.96 | | <0.99 | М | 8270D |
| Pentachlorophenol | 1 | 1 | ug/L | <1.3 | <1.2 | | <1.3 | \Box | 8270D |
| Phenanthrene | 180 | 180 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Phenol | 180 | 180 | ug/L | <2.0 | <1.9 | | <2.0 | | 8270D |
| Pyrene | 18 | 18 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Regional Screening Level | Tr | Screening | | | | | | | |
| Summary Table ³ | Tapwater | Level ³ | | | | | | | |
| Di-n-butyl phthalate | 90 | 90 | ug/L | <1.0 | < 0.96 | | <0.99 | | 8270D |
| Diphenylamine | 31 | 31 | ug/L | <1.0 | < 0.96 | | < 0.99 | | 8270D |

Notes:

$\label{lem:concentrations} \textbf{Concentrations in bold indicate the MDL exceeds the Screening Level.}$

Abbreviations:

< = Not detected at the reporting limit (or MDL or EDL if shown)

Qual = Qualifer

*=LCS or LCSD is outside acceptance limits

ug/L = micrograms per Liter

RECAP = Risk Evaluation/Corrective Action Program

GWSS = Groundwater Screening Standard

¹ Sample Identification = collection date (year.month.day) surface water collection point

² The Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) (dated October 2003) Groundwater Screening Standard (GWSS) was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

³ The United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for tapwater was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

Table 9 Clarkes Bayou Sediment Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 1 of 4

| | | | | Sample Id ¹ | 2015.08.31 Sediment Downstream | 2015.08.31 Sediment Point of Discharge | 2015.08.31 Sediment Dup#2 Point of Discharge | 2015.08.31 Sediment Upstream | Analytical Method | |
|---|---------|-----------|--------|---------------------------------|--------------------------------------|--|---|------------------------------------|----------------------|-------|
| Analyte | | | | | Units | Result Qual | Result Qual | Result Qual | Result Qual | |
| Volatile Organic Compounds | | | | | | | | | | |
| RECAP Screening Standards ² | SSni | SSi | SSGW | Screening Level ² | | | | | | |
| Acetone | 170,000 | 1,400,000 | 1,500 | 1,500 | ug/kg | <9.5 | <17 | <17 | 42 | 8260C |
| Benzene | 1,500 | 3,100 | 51 | 51 | ug/kg | < 0.37 | <0.67 | <0.64 | <0.32 | 8260C |
| Bromoform | 48,000 | 180,000 | 1,800 | 1,800 | ug/kg | <0.54 * | <1.0 * | <0.95 * | <0.47 * | 8260C |
| Bromodichloromethane | 1,800 | 4,200 | 920 | 920 | ug/kg | < 0.37 | <0.67 | <0.64 | <0.32 | 8260C |
| Bromomethane | 430 | 3,000 | 40 | 40 | ug/kg | <1.6 F1 | <3.0 | <2.8 | <1.4 | 8260C |
| 2-Butanone (methyl ethyl ketone) | 590,000 | 4,400,000 | 5,000 | 5,000 | ug/kg | <2.8 | <5.2 | <4.9 | 7.2 J | 8260C |
| Carbon disulfide | 36,000 | 250,000 | 11,000 | 11,000 | ug/kg | <1.0 | <1.9 | 6.9 J | <0.87 | 8260C |
| Carbon tetrachloride | 180 | 1,100 | 110 | 110 | ug/kg | <0.75 | <1.4 | <1.3 | <0.64 | 8260C |
| Chlorobenzene | 17,000 | 120,000 | 3,000 | 3,000 | ug/kg | < 0.56 | <1.0 | <0.97 | <0.48 | 8260C |
| Dibromochloromethane (chlorodibromomethane) | 2,200 | 5,400 | 1,000 | 1,000 | ug/kg | <0.60 F1 | <1.1 | <1.0 | <0.52 | 8260C |
| Chloroethane | 4,100 | 8,200 | 35 | 35 | ug/kg | <0.76 F1 | <1.4 | <1.3 | <0.66 | 8260C |
| Chloroform | 44 | 300 | 900 | 44 | ug/kg | < 0.56 | <1.0 | <0.97 | <0.48 | 8260C |
| Chloromethane | 3,500 | 7,300 | 100 | 100 | ug/kg | <0.95 | <1.7 | <1.7 | <0.82 | 8260C |
| 1,2-Dibromo-3-chloropropane | 180 | 1,600 | 10 | 10 | ug/kg | <2.1 *F1 | <3.9 * | <3.7 * | <1.8 * | 8260C |
| 1,1-Dichloroethane | 66,000 | 470,000 | 7,500 | 7,500 | ug/kg | < 0.57 | <1.0 | <1.0 | <0.49 | 8260C |
| 1,2-Dichloroethane | 820 | 1,800 | 35 | 35 | ug/kg | <1.3 | <2.3 | <2.2 | <1.1 | 8260C |
| cis-1,2-Dichloroethene | 4,800 | 34,000 | 490 | 490 | ug/kg | <0.88 | <1.6 | <1.5 | <0.76 | 8260C |
| trans-1,2-Dichloroethene | 6,900 | 48,000 | 770 | 770 | ug/kg | <1.4 | <2.5 | <2.4 | <1.2 | 8260C |
| 1,1-Dichloroethene | 13,000 | 91,000 | 85 | 85 | ug/kg | <2.4 | <4.3 | <4.1 | <2.0 | 8260C |
| 1,2-Dichloropropane | 690 | 1,800 | 42 | 42 | ug/kg | < 0.56 | <1.0 | <0.97 | <0.48 | 8260C |
| Ethyl benzene | 160,000 | 230,000 | 19,000 | 19,000 | ug/kg | <0.44 | <0.81 | <0.77 | <0.38 | 8260C |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 820 | ug/kg | <1.0 * | <1.8 * | <1.7 * | <0.86 * | 8260C |
| Isobutylalcohol | 730,000 | 6,200,000 | 30,000 | 30,000 | ug/kg | <37 F1 | <68 | <65 | <32 | 8260C |
| Methylene Chloride | 19,000 | 44,000 | 17 | 17 | ug/kg | <2.3 | <4.3 | <4.0 | <2.0 | 8260C |
| 4-Methyl-2-pentanone (methyl isobutyl ketone) | 450,000 | 3,100,000 | 6,400 | 6,400 | ug/kg | <1.1 F1 | <2.0 | <1.9 | <0.92 | 8260C |
| Methyl tert-butyl ether (MTBE) | 650,000 | 4,700,000 | 77 | 77 | ug/kg | <0.71 F1 | <1.3 | <1.2 | <0.60 | 8260C |
| Trichlorofluoromethane | 38,000 | 260,000 | 37,000 | 37,000 | ug/kg | <0.73 | <1.3 | <1.3 | <0.63 | 8260C |

Table 9 Clarkes Bayou Sediment Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 2 of 4

| | | | | | Sample Id ¹ | 2015.0 Sedin Downst | nent | Sediment | | 2015. Sedin Duj Point of I | nent p#2 | 2015.08.31 Sediment Upstream | | Analytical Method |
|---|-----------|------------|---------|---------------------------------|------------------------|---------------------------|------|----------|------|-------------------------------------|-------------|------------------------------------|------|----------------------|
| Analyte | | | | | Units | Result | Qual | Result | Qual | Result | Qual | Result (| Qual | |
| Trichloroethene | 100 | 210 | 73 | 73 | ug/kg | < 0.57 | | <1.0 | | <1.0 | | < 0.49 | | 8260C |
| 1,1,1-Trichloroethane | 82,000 | 700,000 | 4,000 | 4,000 | ug/kg | < 0.63 | 1 | <1.2 | | <1.1 | | < 0.54 | | 8260C |
| Vinyl Chloride | 240 | 790 | 13 | 13 | ug/kg | < 0.63 | | <1.2 | | <1.1 | | <0.54 | | 8260C |
| 1,1,1,2-Tetrachloroethane | 2,700 | 5,900 | 46 | 46 | ug/kg | < 0.51 | | < 0.94 | | < 0.89 | | < 0.44 | | 8260C |
| 1,1,2,2-Tetrachloroethane | 810 | 2,000 | 6 | 6 | ug/kg | < 0.59 | * | <1.1 | * | <1.0 | * | <0.50 * | | 8260C |
| 1,1,2-Trichloroethane | 1,900 | 4,300 | 58 | 58 | ug/kg | < 0.84 | F1 | <1.5 | | <1.5 | | < 0.72 | | 8260C |
| Styrene | 500,000 | 1,700,000 | 11,000 | 11,000 | ug/kg | < 0.51 | | < 0.94 | | < 0.89 | | < 0.44 | | 8260C |
| Tetrachloroethene (tetrachloroethylene) | 8,300 | 35,000 | 180 | 180 | ug/kg | < 0.47 | | < 0.86 | 112 | < 0.82 | | <0.40 | | 8260C |
| Toluene | 68,000 | 470,000 | 20,000 | 20,000 | ug/kg | <1.0 | | <1.9 | | <1.8 | | <0.88 | | 8260C |
| Xylenes (total) | 18,000 | 120,000 | 150,000 | 18,000 | ug/kg | <1.2 | 1 | <2.3 | | <2.2 | | <1.1 | | 8260C |
| 1,3-Dichloropropene, Total | 3,100 | 10,000 | 40 | 40 | ug/kg | <1.4 | | <2.6 | | <2.4 | | <1.2 | | 8260C |
| RECAP Screening Standards ² | SSni | SSi | SSGW | Screening Level ² | | | | | | | | | | |
| Acenaphthene | 370,000 | 6,100,000 | 220,000 | 220,000 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| Acenaphthylene | 350,000 | 5,100,000 | 88,000 | 88,000 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| Aniline | 2,400 | 17,000 | 65 | 65 | ug/kg | <92 | * | <140 | * | <150 | * | <89 * | | 8270D |
| Anthracene | 2,200,000 | 48,000,000 | 120,000 | 120,000 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| Benz(a)anthracene | 620 | 2,900 | 330,000 | 620 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| Benzo(a)pyrene | 330 | 330 | 23,000 | 330 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| Benzo(b)fluoranthene | 620 | 2,900 | 220,000 | 620 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| Benzo(k)fluoranthene | 6,200 | 29,000 | 120,000 | 6,200 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| 1,1 Biphenyl | 230,000 | 230,000 | 190,000 | 190,000 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| Bis(2-chloroethyl)ether | 330 | 1,100 | 330 | 330 | ug/kg | <52 | | <78 | | <84 | | <49 | | 8270D |
| Bis(2-chlorisopropyl)ether | 4,900 | 17,000 | 800 | 800 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| Bis(2-ethylhexyl)phthalate | 35,000 | 170,000 | 79,000 | 35,000 | ug/kg | <70 | | <110 | | <110 | | <67 | | 8270D |
| Butyl benzyl phthalate | 220,000 | 220,000 | 220,000 | 220,000 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| 2-Chloronaphthalene | 500,000 | 8,300,000 | 500,000 | 500,000 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| 2-Chlorophenol | 15,000 | 140,000 | 1,400 | 1,400 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |
| Chrysene | 62,000 | 290,000 | 76,000 | 62,000 | ug/kg | <51 | | <78 | | <84 | | <49 | | 8270D |

Table 9 Clarkes Bayou Sediment Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 3 of 4

| | | | | | Sample Id ¹ | 2015. Sedir Downs | ment | | 08.31 ment Discharge | 2015.0 Sedin Dup Point of D | nent #2 | 2015.08.31 Sediment Upstream | Analytical Method |
|---------------------------|-----------|-----------|------------|-----------|------------------------|-------------------------|----------|--------|----------------------------|--------------------------------------|------------|------------------------------------|----------------------|
| Analyte | | | | | Units | Result | Qual | Result | Qual | Result | Qual | Result Qual | |
| Dibenz(a,h)anthracene | 330 | 330 | 540,000 | 330 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| Dibenzofuran | 29,000 | 150,000 | 24,000 | 24,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| 1,2-Dichlorobenzene | 99,000 | 380,000 | 29,000 | 29,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| 1,3-Dichlorobenzene | 2,100 | 18,000 | 2,100 | 2,100 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| 1,4-Dichlorobenzene | 6,700 | 16,000 | 5,700 | 5,700 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| 3,3-Dichlorobenzidine | 970 | 4,200 | 1,800 | 970 | ug/kg | <510 | | <770 | | <830 | | <490 | 8270D |
| 2,4-Dichlorophenol | 16,000 | 200,000 | 12,000 | 12,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| Diethyl phthalate | 670,000 | 670,000 | 360,000 | 360,000 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| 2,4-Dimethylphenol | 93,000 | 1,100,000 | 20,000 | 20,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| Dimethyl phthalate | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| 1,3-Dinitrobenzene | 450 | 5,000 | 250 | 250 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| 2,4-Dinitrophenol | 7,100 | 69,000 | 1,700 | 1,700 | ug/kg | <510 | | <770 | | <830 | | <490 | 8270D |
| 2,4-Dinitrotoluene | 8,900 | 98,000 | 1,000 | 1,000 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| 2,6-Dinitrotoluene | 4,300 | 46,000 | 390 | 390 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| Di-n-octyl phthalate | 240,000 | 3,500,000 | 10,000,000 | 240,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| Fluoranthene | 220,000 | 2,900,000 | 1,200,000 | 220,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| Fluorene | 280,000 | 5,400,000 | 230,000 | 230,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| Hexachlorobenzene | 340 | 2,000 | 9,600 | 340 | ug/kg | <51 | | <78 | | <84 | <u> </u> | <49 | 8270D |
| Hexachlorobutadiene | 820 | 8,600 | 5,500 | 820 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| Hexachlorocyclopentadiene | 1,400 | 9,400 | 1,200,000 | 1,400 | ug/kg | <510 | | <770 | | <830 | <u> </u> | <490 | 8270D |
| Hexachloroethane | 5,200 | 68,000 | 2,200 | 2,200 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| Indeno(1,2,3-cd)pyrene | 620 | 2,900 | 9,200 | 620 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| Isophorone | 340,000 | 1,100,000 | 560 | 560 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| 2-Methylnaphthalene | 22,000 | 170,000 | 1,700 | 1,700 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| Naphthalene | 6,200 | 43,000 | 1,500 | 1,500 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| 2-Nitroaniline | 1,700 | 1,700 | 1,700 | 1,700 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| 3-Nitroaniline | 13,000 | 140,000 | 1,700 | 1,700 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| 4-Nitroaniline | 10,000 | 100,000 | 1,700 | 1,700 | ug/kg | <510 | | <770 | | <830 | | <490 | 8270D |
| Nitrobenzene | 2,200 | 25,000 | 330 | 330 | ug/kg | <51 | <u> </u> | <78 | | <84 | | <49 | 8270D |
| 4-Nitrophenol | 32,000 | 330,000 | 2,600 | 2,600 | ug/kg | <510 | | <770 | | <830 | | <490 | 8270D |
| N-Nitrosodi-n-propylamine | 330 | 330 | 330 | 330 | ug/kg | | F1 | <78 | | <84 | | <49 | 8270D |

Table 9 Clarkes Bayou Sediment Data Summary Baseline Sample Event M6 Destruction Project Camp Minden National Guard Training Site Minden, Louisiana Page 4 of 4

| | | | | | Sample Id ¹ | Downstream | | 2015.08.31 Sediment Point of Discharge | | 2015.08.31 Sediment Dup#2 Point of Discharge | | 2015.08. Sedime Upstrea | t Analytical |
|--|------------------|------------|-----------|---------------------------------|------------------------|------------|------|--|------|---|------|-------------------------------|--------------|
| Analyte | | | | | Units | Result | Qual | Result | Qual | Result | Qual | Result Q | al |
| N-Nitrosodiphenylamine | 90,000 | 400,000 | 2,100 | 2,100 | ug/kg | <51 | * | < 78 | * | <84 | * | <49 * | 8270D |
| Pentachlorophenol | 2,800 | 9,700 | 1,700 | 1,700 | ug/kg | <510 | | <770 | | <830 | | <490 | 8270D |
| Phenanthrene | 2,100,000 | 43,000,000 | 660,000 | 660,000 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| Phenol | 1,300,000 | 15,000,000 | 11,000 | 11,000 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| Pyrene | 230,000 | 5,600,000 | 1,100,000 | 230,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| 1,2,4,5-Tetrachlorobenzene | 1,200 | 12,000 | 6,900 | 1,200 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| 2,3,4,6-Tetrachlorophenol | 140,000 | 1,400,000 | 31,000 | 31,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| 1,2,4-Trichlorobenzene | 66,000 | 1,200,000 | 14,000 | 14,000 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| 2,4,5-Trichlorophenol | 530,000 | 6,600,000 | 320,000 | 320,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| 2,4,6-Trichlorophenol | 40,000 | 170,000 | 1,300 | 1,300 | ug/kg | <51 | | <78 | | <84 | | <49 | 8270D |
| Regional Screening Level Summary Table ³ | Residential Soil | Indust | rial Soil | Screening Level ³ | | | | | | | | | |
| Di-n-butyl phthalate | 630,000 | 8,20 | 0,000 | 630,000 | ug/kg | <51 | | < 78 | | <84 | | <49 | 8270D |
| Diphenylamine | 160,000 | 2,10 | 0,000 | 160,000 | ug/kg | <51 | * | <78 | * | <84 | * | <49 * | 8270D |

Notes:

Concentrations in bold indicate the MDL exceeds the Screening Level.

Abbreviations:

< = Not detected at the reporting limit (or MDL or EDL if shown)

Qual = Qualifer

F1= MS and/or MSD Recovery is outside acceptance limits

*=LCS or LCSD is outside acceptance limits

ug/kg = micrograms per killograms

RECAP = Risk Evaluation/Corrective Action Program

SSni = Soil Screening non-industrial

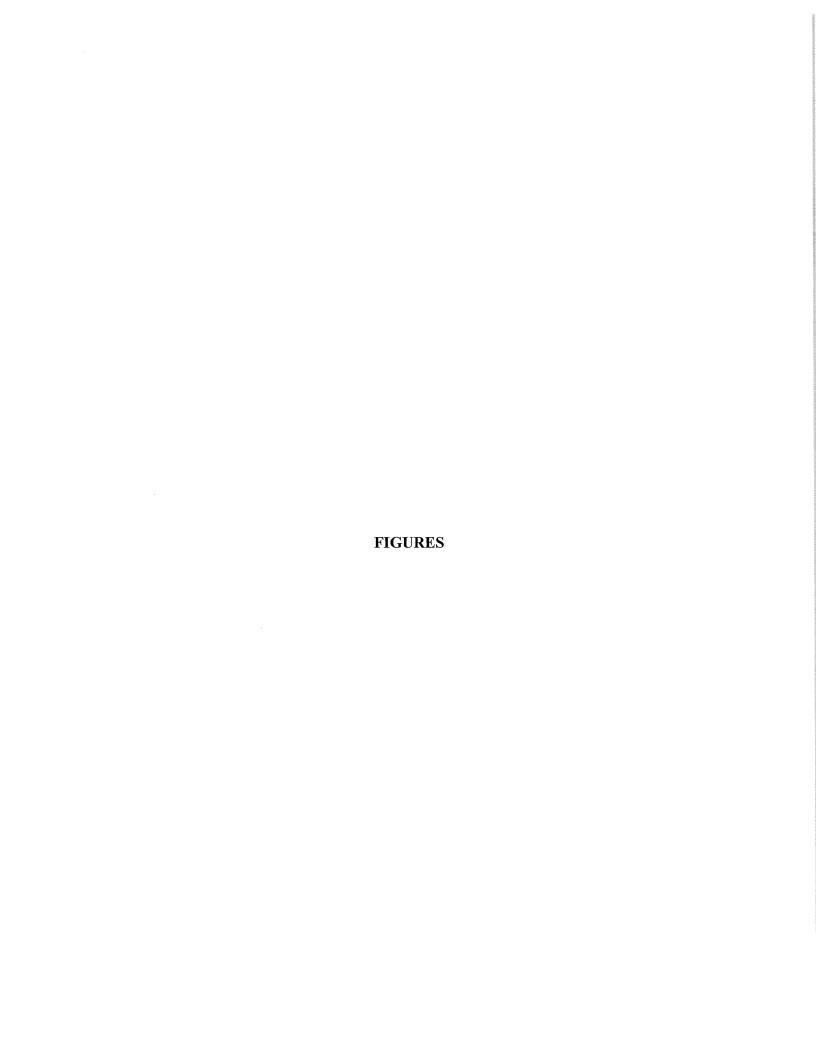
SSi = Soil Screening industrial

SSGW = Soil Screening protective of groundwater

¹ Sample Identification = collection date (year.month.day) sediment collection point.

² The most conservative Louisiana Department of Environmental Quallity (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) Screening Standard (dated October 2003) was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.

³ The United States Environmental Protection Agency (USEPA) Regional Screening Level (RSL) Summary Table (TR = 1E-06, THQ = 0.1) June 2015 (revised). The USEPA, RSL for residential soil was determined as the Screening Level. Data from the baseline sample event will establish site closeout and site restoration.



SITE LOCATION BOSSIER/WEBSTER PARISH





FIGURE 1

REGIONAL LOCATION MAP

CAMP MINDEN - AREA I DESTRUCTION SITE

PREPARED FOR:

EXPLOSIVE SERVICE INTERNATIONAL



DRAWN LDG CHECKED BY
BY 07/09/15 APPROVED BY

DRAWING NO. BRF/SITE LOC

