TA-21 03-014

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Date: September 29, 2003
Refer to: ER2003-0615

Mr. John Young, Corrective Action Project Leader
Permits Management Program
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Santa Fe, NM 87505-6303

SUBJECT: SUBMITTAL OF VOLUNTARY CORRECTIVE ACTION COMPLETION REPORT FOR SWMU 21-013(D)-99

Dear Mr. Young:

Enclosed are two copies of the Los Alamos National Laboratory (LANL) Remediation Services (RS) Project VCA Completion Report for SWMU 21-013(d)-99. As you may recall, this report is being submitted in the "old" format (pre-NMED Order) as agreed during the Consent Order discussions with your staff.

If you have any questions please contact Becky Coel-Roback at (505) 665-8843 or Woody Woodworth at (505) 667-5820.

Sincerely,

David McInroy, Deputy Project Director
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Sincerely,

David Gregory, Project Manager
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DM/DG/BCR/jr

Enclosure: Certification Form
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CERTIFICATION

CERTIFICATION BY THE RISK REDUCTION AND ENVIRONMENTAL STEWARDSHIP (RRES) PROGRAM TECHNICAL REPRESENTATIVES

Document Title: VCA Completion Report Addendum for SWMU 21-013(d)-99

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation.

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Los Alamos
NATIONAL LABORATORY

LA-UR-03-6494
September 2003
ER2003-0475

VCA Completion Report Addendum for SWMU 21-013(d)-99

Los Alamos
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Los Alamos NM 87545

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Prepared by the Risk Reduction and Environmental Stewardship Division–Remediation Services

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LA-UR-03-6494
ER2003-0475

VCA Completion Report Addendum for SWMU 21-013(d)-99

September 2003

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Printed Name	Signature	Title	Organization	Date
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Responsible UC representative:

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David Gregory		Project Manager	DOE-LASO	9/29/03

EXECUTIVE SUMMARY

This voluntary corrective action (VCA) completion report is a stand-alone addendum to the previous VCA report written for this site in 1996. This VCA completion report addresses the characterization and remediation of Solid Waste Management Unit (SWMU) 21-013(d)-99, located at Technical Area (TA)-21 at Los Alamos National Laboratory (the Laboratory or LANL) more fully, and with more defensible data than the previous report. SWMU 21-013(d)-99 is a consolidation of SWMUs 21-013(d) and 21-013(e), which are listed in the Hazardous and Solid Waste Amendments (HSWA) module (VIII) of the Laboratory's Hazardous Waste Facility Permit. SWMU 21-013(d) reportedly was used by construction contractors for surface disposal of construction-related debris (rebar, concrete rubble, asphalt, steel, used lumber, etc) (LANL 1998, 58709.18). The adjacent SWMU 21-013(e) was used as a surface disposal site for building debris (demolished building footings, etc), virtually the same kinds of material as deposited at SWMU 21-013(d).

Consolidated SWMU 21-013(d)-99 is located in an unsecured area within TA-21 on the north side of Delta Prime (DP) Mesa. Prior to a VCA conducted in 1995, piles of soil, asphalt, and concrete were scattered across the site. Other surface debris included scrap metal, wood, cans, paper, glass, and plastic bags. The specific history of the debris is unknown.

In 1994, samples were collected as part of a Phase I Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) at SWMUs 21-013(d) and 21-013(e) to document the presence or absence of contamination associated with the debris piles. The 1995 VCA included the removal of asphalt, concrete, wood, and miscellaneous debris at both SWMUs and collection of confirmation samples from the footprints of former asphalt piles. A VCA completion report was submitted to the New Mexico Environment Department (NMED) in February 1996.

NMED returned a request for supplemental information (RSI) on June 15th, 1998, seeking additional information for the 1996 VCA Completion Report for SWMUs 21-013 (d) and 21-013(e) (NMED 1998, 58836). The Laboratory responded in July 1998, with explanations and attachments to address general and specific comments (LANL 1998, 58709). Because no further correspondence had been received from NMED regarding the Laboratory's response to the RSI, additional VCA work was conducted to address the issues listed in the RSI, further define the nature and extent of residual contamination at the site, assess human health and ecological risk, and determine if additional remedial action was necessary. These additional VCA activities, conducted in 2003, involved the collection and analysis of additional surface soil and subsurface tuff samples. This report addendum summarizes the 1994 RFI and 1995 VCA activities, and details the results of the 2003 VCA activities and data analysis.

Based on the analytical results from site samples, SWMU 21-013(d)-99 requires no additional remediation. The remaining levels of residual contamination at the SWMU pose no potential unacceptable human health risk (based on a residential exposure) or ecological risk. Therefore, no further action (NFA) is recommended for SWMU 21-013(d)-99 based on NFA Criterion 5 (Table ES-1). This criterion states that a SWMU has been characterized or remediated in accordance with applicable state or federal regulations and that available data indicate that chemicals of concern either are not present or are present at concentrations that would pose no potential unacceptable risk to human health or the environment under projected future land use.

Table ES-1
Summary of Proposed Actions

SWMU Number	SWMU Description	HSWA	Radionuclide Component	Proposed Action	Rationale for Recommendation	Document Section Number
21-013(d)-99	Construction and building debris	Yes	Yes, from historic TA-21 air emissions that affect the area of the SWMU. However, the rubble that makes up the SWMU does not have a radionuclide component	NFA, Criterion 5*	No potential unacceptable risk to human and ecological receptors	2.0

* NFA criteria are listed in Section II.B.4.a.(4).(b) of the New Mexico Environment Department Resource Conservation and Recovery Act permits management program requirement guide.

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1.0 INTRODUCTION

Los Alamos National Laboratory (the Laboratory or LANL) is a multidisciplinary research facility owned by the US Department of Energy (DOE) and managed by the University of California. The Laboratory is located in north-central New Mexico approximately 60 mi northeast of Albuquerque and 20 mi northwest of Santa Fe. The Laboratory site covers 40 mi^2 of the Pajarito Plateau, which consists of a series of finger-like mesas separated by deep canyons. These canyons contain ephemeral and intermittent streams that run west-to-east. Mesa tops range in elevation from approximately 6200 to 7800 ft. The eastern portion of the plateau stands 300 to 900 ft above the Rio Grande.

The Laboratory's Risk Reduction and Environmental Stewardship-Remediation Services (RRES-RS) project (formerly the Environmental Restoration [ER] Project) is involved in a national DOE effort to clean up facilities that had been involved in weapons development. The goal of RRES-RS is to ensure that DOE's past operations do not threaten human or environmental health and safety in and around Los Alamos County. To achieve that goal, RRES-RS is investigating sites that potentially are contaminated by past Laboratory operations.

This voluntary corrective action (VCA) completion report addresses the characterization and remediation of Solid Waste Management Unit (SWMU) 21-013(d)-99, which is located within the Laboratory at Technical Area (TA)-21 (Figure 1.0-1). SWMU 21-013(d)-99 is a consolidation of SWMUs 21-013(d) and 21-013(e), which are listed in the Hazardous and Solid Waste Amendments (HSWA) Module VIII of the Laboratory's Hazardous Waste Facility Permit. SWMU 21-013(d) was reportedly used by construction contractors for the surface disposal of construction-related debris, and SWMU 21-013(e) was used as a surface disposal site for building debris (from building demolition activities).

This investigation and corrective action, including sampling and analysis, was conducted in accordance with the requirements of the Resource Conservation and Recovery Act (RCRA) and the New Mexico Hazardous Waste Act. The approved installation work plan (IWP) describes the methodologies used in this investigation (LANL 1998, 62060).

This VCA originally began in 1995 before consolidation of SWMUs 21-013(d) and 21-013(e) into SWMU 21-013(d)-99 (LANL 1996, 54320). During that effort, debris was removed from the site and confirmation samples were collected. The results of the original VCA activities were reported to NMED in 1996 (LANL 1996, 54320), and a request for supplemental information (RSI) was received from NMED regarding the report in 1998 (NMED 1998, 58836). Additional VCA activities conducted at consolidated SWMU 21-013(d)-99 in 2003 were intended to address NMED's concerns, as presented in the RSI, as well as further characterize the remaining soil piles, further define nature and extent of residual surface soil and subsurface tuff contamination, assess potential human health and ecological risks, and determine if a remedial approach for the SWMU was necessary.

Section 2.0 of this report describes the site and its operational history, previous and current investigations and remedial activities, analytical results of soil characterization samples, and human health and ecological assessments. Section 3.0 describes site waste-management activities. References are listed in Section 4.0 of this report. Appendix A contains a list of acronyms, a glossary of terms, and a conversion table (metric to English measurements). Appendix B describes the site's operational and environmental setting. Appendix C includes the complete data quality assurance/quality control (QA/QC) results. Appendix D provides all analytical data for past and current investigations/remediation. Appendix E includes details of statistical analyses used in this report. Appendix F includes ecological screening levels (ESLs) and an ecological checklist. Appendix G provides the cost comparison for completion of the SWMU 21-013(d)-99 VCA. Appendix H contains a copy of the VCA Plan Addendum for SWMU 21-013(d)-99 and all the appendices (A–E) associated with the plan (LANL 2003, 75902). Appendix I

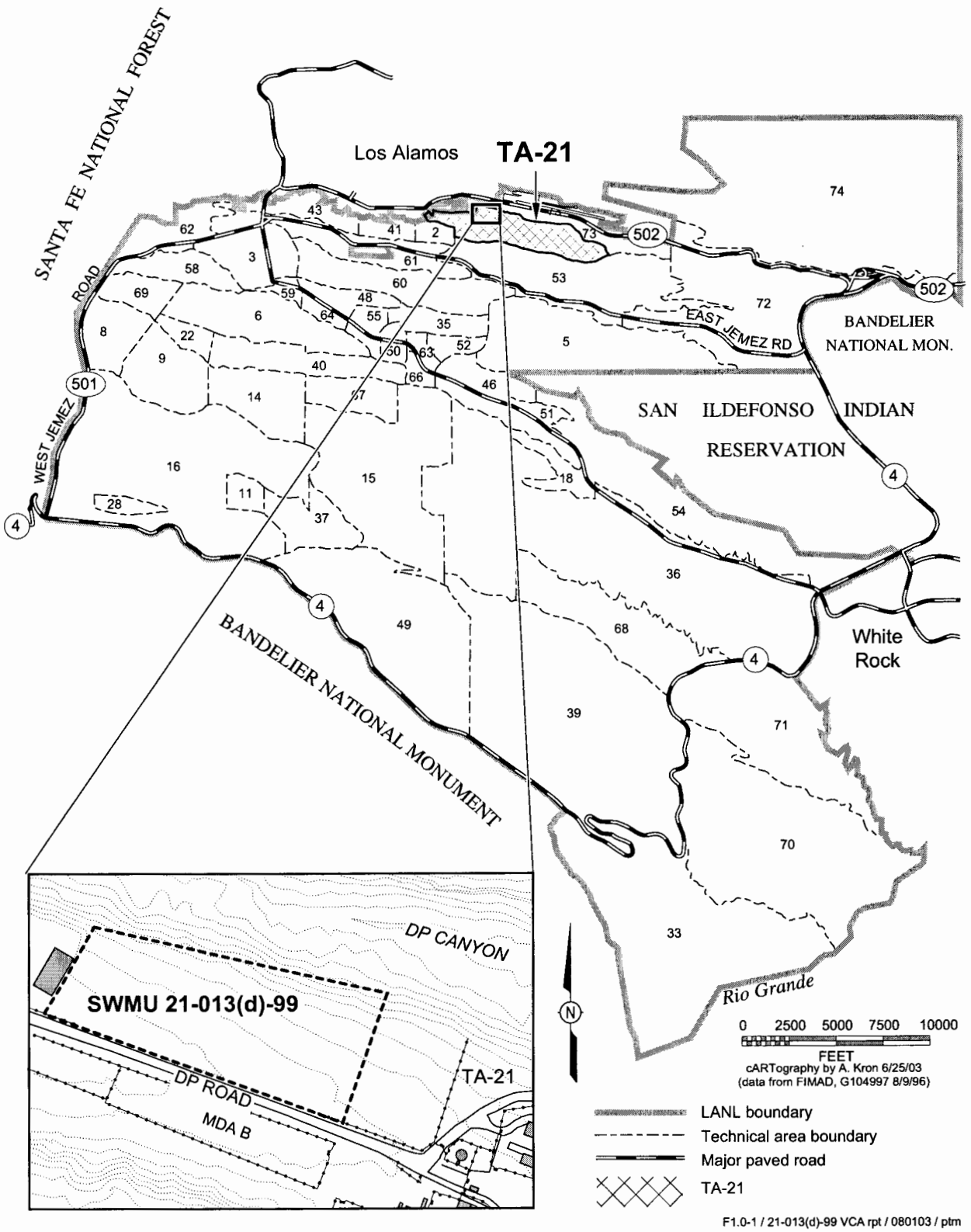


Figure 1.0-1. Locations of TA-21 and SWMU 21-013(d)-99 with respect to other Laboratory TAs and surrounding lands

contains photographs of VCA features and locations. Appendix J contains all relevant communication records with the New Mexico Environment Department (NMED).

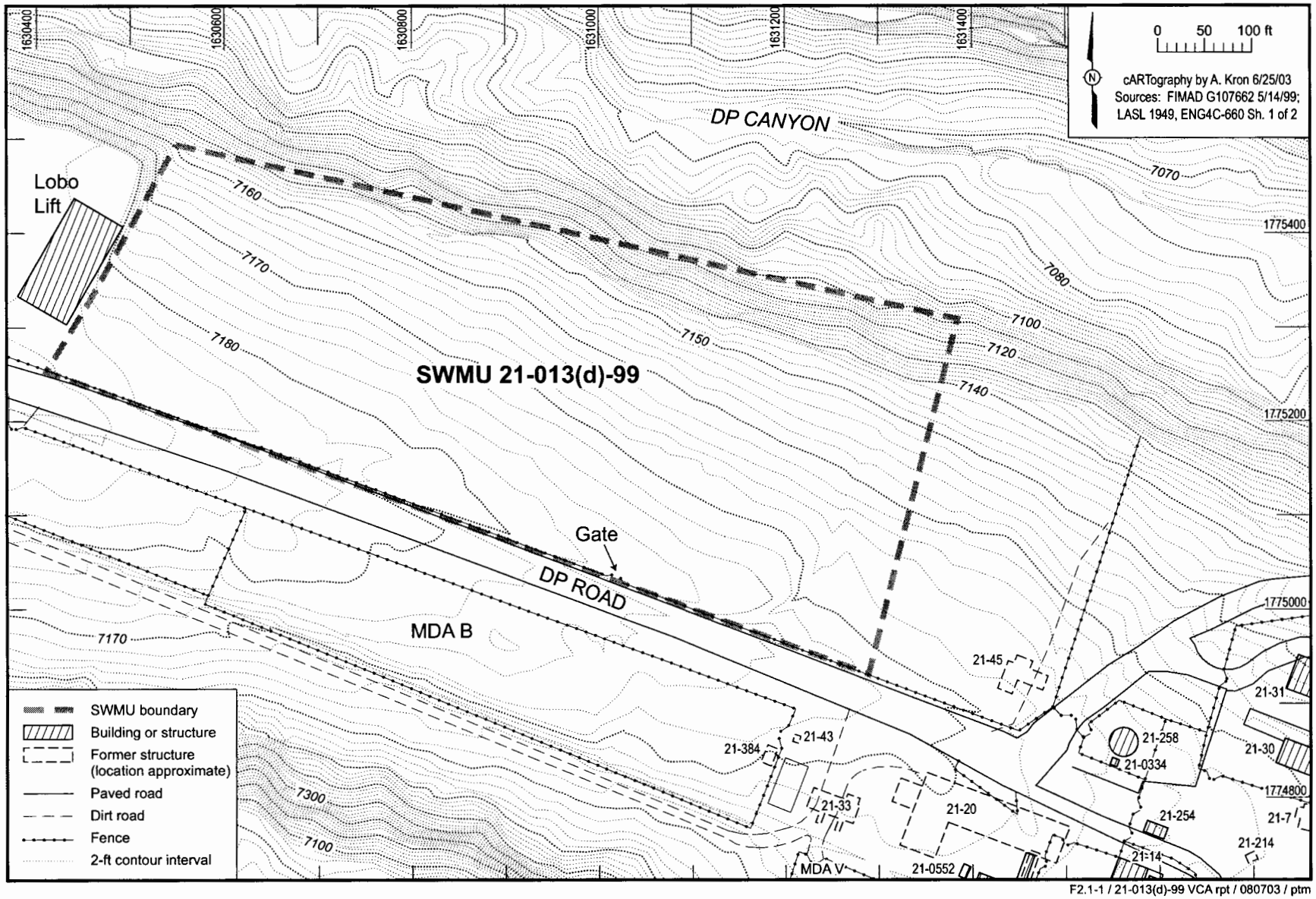
2.0 INACTIVE SURFACE DISPOSAL SITE—SWMU 21-013(d)-99

2.1 Site Description and Operational History

SWMU 21-013(d)-99 is located in an unsecured area within the Laboratory's TA-21 and is accessible from DP Road off State Highway 502. The site boundaries are defined to the north by the slope into DP Canyon, to the south by the fence along DP Road, to the east approximately 175 ft west of the eastern property fence, and to the west by the Lobo Lift building (Figure 2.1-1). Although there was no apparent boundary between SWMUs 21-013(d) and 21-013(e), the approximate historical location of this boundary runs north from the site access gate in the fence along DP road. The site is relatively flat and vegetated with trees, shrubs, and grasses (see photographs in Appendix I). Prior to the 1995 VCA, piles of soil, asphalt, and concrete were present on the site. Various other debris (scrap metal, wood, cans, paper, glass, and plastic bags) was also present at the site and was cleaned up during the VCA.

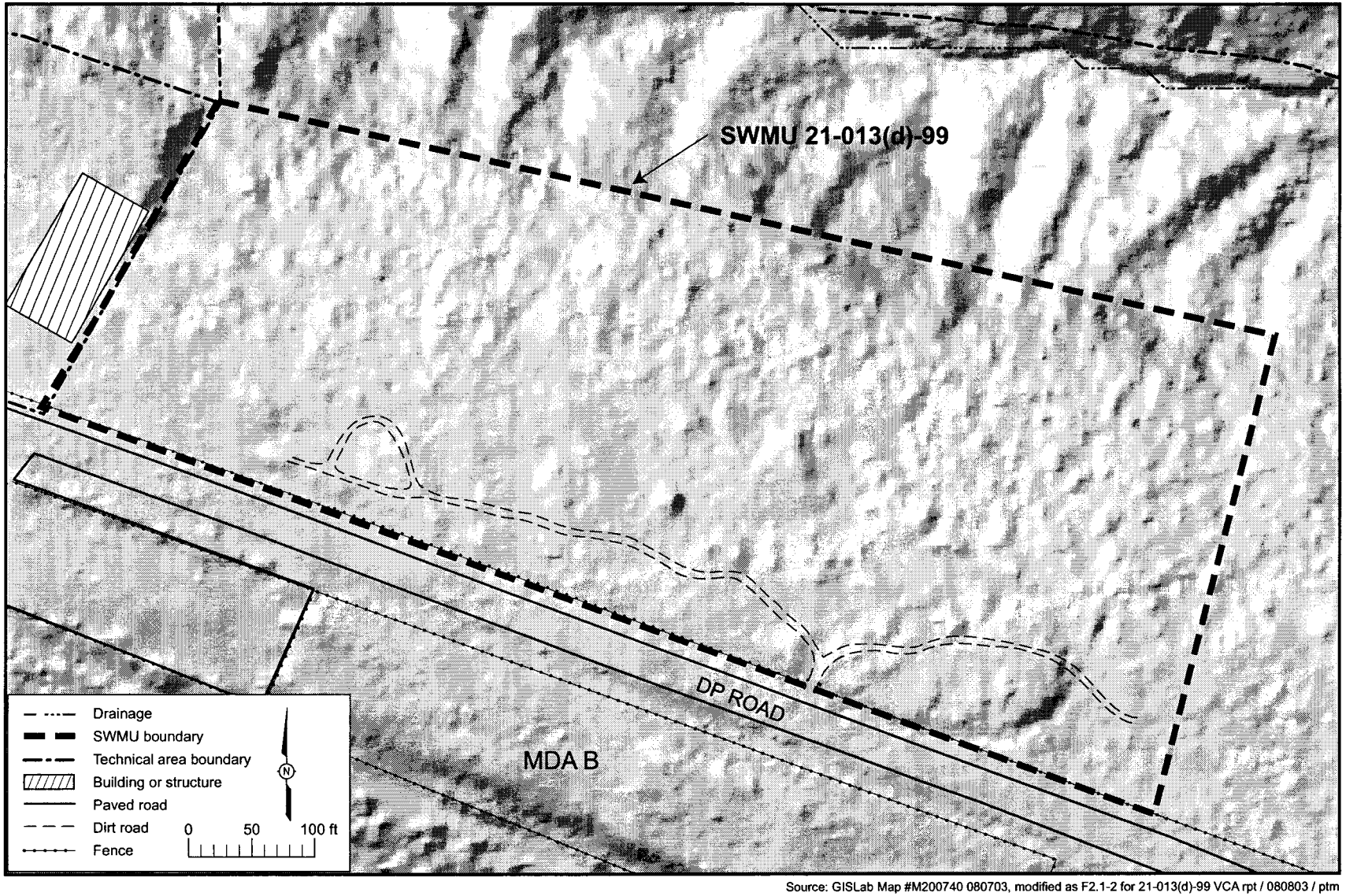
Current site features include a rudimentary dirt road and numerous soil piles up to three feet in height (see photographs in Appendix I). Figure 2.1-2 shows a light detection and ranging (LIDAR) map of the site. The LIDAR topographic data, which was collected in 2000, was obtained by transmitting light to the ground surface and measuring the time the light takes to travel back to the LIDAR instrument. The soil piles trend generally northwest, parallel to DP Road and DP Canyon. Based on field observations, the more northerly and elongated soil piles appear to be the result of mechanized surface soil scraping. Because of their low relief (they generally are sloped only on the north side), they do not show up well on the LIDAR map. The other piles are more equi-dimensional and appear to be the result of surface disposal of fill material. The presence of mature piñon and ponderosa pine trees scattered across the site suggests the site was never completely cleared and graded.

The dates of operation of the two debris/construction disposal sites that make up SWMU 21-013(d)-99 are unknown. SWMU 21-013(d), known as the "cold dump," was used for surface disposal of construction-related debris. SWMU 21-013(e), located adjacent to and northwest of SWMU 21-013(d), was the surface disposal site for building debris such as excess concrete, demolished foundations, fill, and asphalt removed from parking lots. According to a former supervisor responsible for maintaining these types of disposal areas from 1947 until 1983, no materials containing or contaminated with radionuclides, high explosives, or chemicals were disposed of at either location (LANL 1998, 58709.18). It was noted during the 1995 VCA that 21-013(d) appeared to have been scraped and material removed sometime prior to 1995 (LANL 1996, 54320). Because the site has been scraped and piles moved onto and around the site, any radioactive surface soil contamination from TA-21 air emissions has been moved around and mixed in with the soil piles, which is what is assumed to have given these SWMUs their radionuclide component.



F2.1-1 / 21-013(d)-99 VCA rpt / 080703 / ptm

Figure 2.1-1. Locations of SWMU 21-013(d)-99 boundaries and surrounding features



Source: GISLab Map #M200740 080703, modified as F2.1-2 for 21-013(d)-99 VCA rpt / 080803 / ptm

Figure 2.1-2. Site features, SWMU 21-013(d)-99

2.2 Previous Activities

2.2.1 Previous Investigations

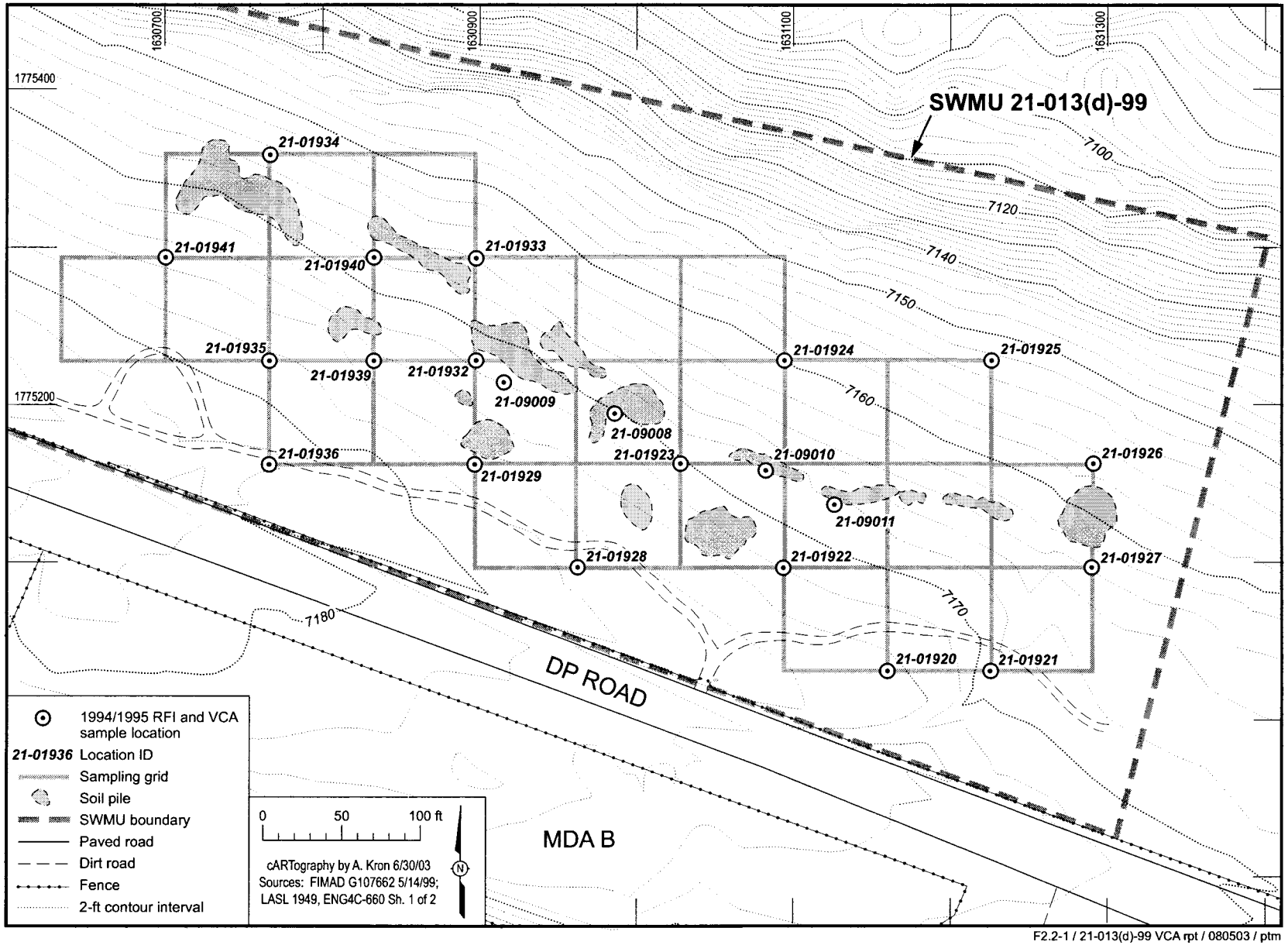
A Phase I RCRA facility investigation (RFI) was conducted at SWMUs 21-013(d) and 21-013(e) in August 1994 to determine what, if any, contaminants had been released to surface and subsurface soil from the surface disposal of construction and building debris. Phase I RFI fieldwork was conducted simultaneously for both SWMU 21-013(d) and SWMU 21-013(e), because the boundary between the two sites was not clearly discernible. Twenty-six grid nodes were established on a 20-m by 20-m grid across the combined SWMUs to provide boundaries for a radiation survey and to define the minimum number of sampling points called for in the RFI work plan (LANL 1991, 07529). Grid lines were oriented north-south and east-west.

Although the site was not thought to have received radioactively contaminated debris, a radiation survey was conducted for confirmation. The survey was carried out using a Ludlum Model 2221 with Ludlum Model 44-9 Beta detector and Ludlum Model 2221 with Eberline Scintillation Probe assembly for measurement of gross alpha, beta/gamma, and low-energy gamma radiation (LANL 1998, 58709). Radiation was detected at levels consistent with the local TA-21 radiation baseline at all but a few locations. At those locations, radiation levels were marginally elevated above baseline levels, and the locations were noted for inclusion in subsequent sampling efforts.

A total of 18 locations at grid corners within each SWMU were sampled from 0 to 0.5 ft, 0 to 2.5 ft, 2.5 to 5 ft, and 5 to 7.5 ft bgs (Figure 2.2-1). Samples were screened with field instruments and in a mobile laboratory for volatile organic compounds (VOCs) and radioactivity. Because all screening data indicated the absence of radioactive and organic contamination, a representative selection of surface (0–6 in.) samples and near-surface (0–2.5 ft) samples was submitted for off-site laboratory analysis. The 0- to 2.5-ft bgs samples were not composited prior to filling sample containers, but the entire interval was generally needed to provide adequate sample volume for all suites.

The samples selected for analysis at the off-site laboratory included two surface and seven near-surface samples from SWMU 21-013(d) and three surface and seven near-surface samples from SWMU 21-013(e). These samples were analyzed for target analyte list (TAL) metals, polychlorinated biphenyls (PCBs), tritium, isotopic uranium and plutonium, americium-241, strontium-90, VOCs, and semivolatile organic compounds (SVOCs).

Results for SWMU 21-013(d) identified analytes such as lead, mercury, and thallium above background values (BVs), but no analytes were detected above screening action levels (SALs). Results for SWMU 21-013(e) identified mercury above its BV, but not above its SAL. Thorium-228 was identified as a radionuclide above its SAL, but this value was attributed to uncertainty in the analysis and it was considered to be within the range of background. Because no chemicals of potential concern (COPCs) had been identified, a VCA to remove the surface debris was deemed the appropriate response at both sites and no RFI report was produced. Complete analytical results from the 1994 RFI are included in Appendix D.



F2.2-1 / 21-013(d)-99 VCA rpt / 080503 / ptm

Figure 2.2-1. 1994 RFI and 1995 VCA sample locations, SWMU 21-013(d)-99

2.2.2 Previous Remedial Activities

In late July and early August 1995, a VCA was conducted to remove surface debris at each of the SWMUs. Cleanup activities were conducted from July 19–31 for SWMU 21-013(e) and from August 1–3 for SWMU 21-013(d). During the VCA, exploratory trenches were excavated into soil piles to allow field-screening and visual inspection. Debris was removed from the piles and the soil was spread on the existing surface. Piles that did not contain debris were left in place. The removed debris was field-screened for gross alpha/beta/gamma radioactivity and for volatile organic vapors (using hand-held instruments). Field screening did not indicate the presence of radioactivity or volatile organic vapors above the background levels detected by the field instruments (LANL 1996, 54320).

At SWMU 21-013(e), approximately 75 yd^3 of debris consisting of asphalt and concrete were removed in five roll-off containers, and approximately 15 yd^3 of debris from a demolished wooden ramp were removed in another rolloff container. Approximately 6 yd^3 of metal scrap were also removed. Miscellaneous debris and trash were collected in plastic bags and accumulated for removal in six heavy-duty, 1-yd^3 plastic bags.

At SWMU 21-013(d), approximately 30 yd^3 of asphalt and concrete debris were removed in two rolloff containers. Miscellaneous debris and trash were collected in plastic bags and accumulated for removal in four heavy-duty 1-yd^3 plastic bags.

Four confirmation soil sample locations were identified at the former locations of four asphalt piles. Two samples from SWMU 21-013(e) were collected from the 0- to 6-in. interval; two samples from SWMU 21-013(d) were collected from the 0- to 3-in. interval (due to the presence of shallow bedrock). Samples were analyzed for gross alpha/beta/gamma radioactivity, VOCs, SVOCs, TAL metals, PCBs, tritium, isotopic uranium, isotopic plutonium, americium-241, and strontium-90. Results identified certain analytes such as lead, americium-241, and plutonium-239 above BVs, but below preliminary remediation goals (PRGs) (currently SALS are used) (LANL 1996, 54320). Metals such as antimony, cadmium, mercury, silver, and thallium had detection limits that exceeded BVs. Other detected metals, such as strontium, do not have established BVs and were reported whenever detected. Organic chemicals such as bis(2-ethylhexyl)phthalate and di-n-butylthalate were detected below their PRGs (currently SALS are used). Complete analytical results from the 1995 data are included in Appendix D.

Upon completion of the 1995 VCA activities, disturbed areas were restored using a tractor and disc harrow and by subsequent reseeding with native grasses. A VCA Completion Report was submitted to DOE and NMED on February 26, 1996.

2.2.3 Preliminary Conceptual Model

The primary mechanism of release at SWMU 21-013(d)-99 is related to the former surface disposal operations at the site. The potential pathways for human exposure are dermal contact, inhalation of vapors and particulates, and incidental soil ingestion (Figure 2.2-2). The potential pathways to ecological receptors are root uptake, dermal contact, inhalation of particulates, incidental ingestion of soil, and food web transport (see Appendix F, ESLs and Ecological Scoping Check list).

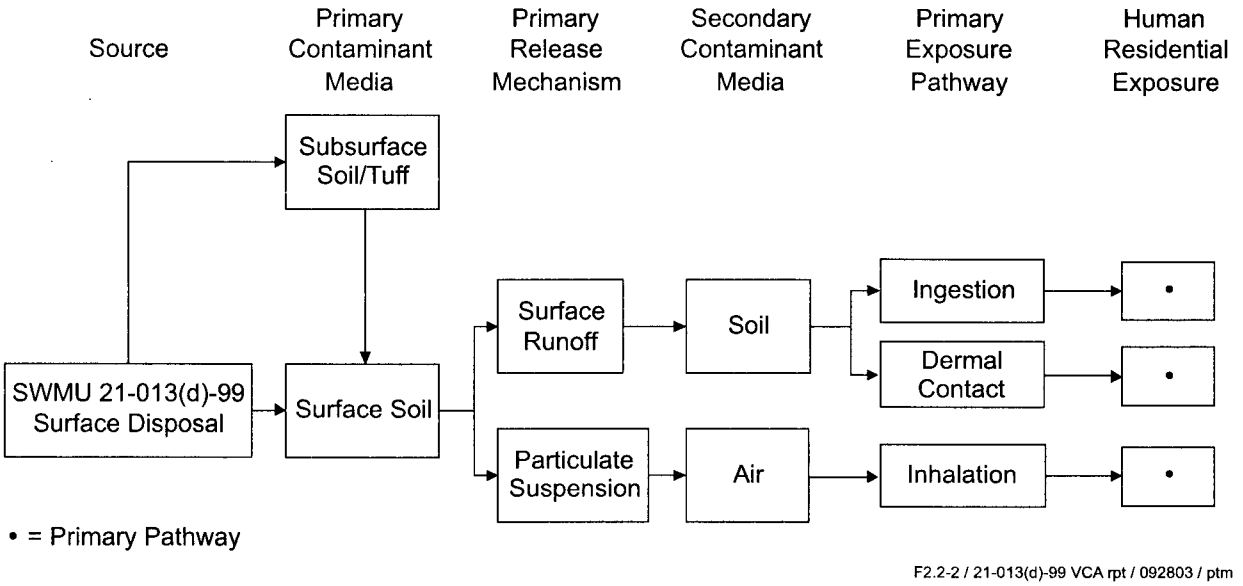


Figure 2.2-2. Preliminary conceptual model of contaminant transport at SWMU 21-013(d)-99

Pathways from residual subsurface contamination to potential human receptors would be complete only if contaminated soil or tuff were excavated and brought to the surface. The potential pathways would be similar to those of a surface-soil release, e.g., dermal contact, inhalation of vapors or fugitive dust, and incidental soil ingestion (Figure 2.2-2).

Pathways from subsurface releases may be complete for plants and burrowing animals, including contaminant uptake by plant roots and food web transport and the exposure of burrowing animals through dermal contact, inhalation of dust, and incidental soil ingestion.

Downward contaminant migration in the vadose zone is limited by a lack of hydrostatic pressure; the lack of saturated conditions in the area restricts both horizontal and vertical migration. No perched alluvial aquifers have been identified in the area of SWMU 21-013(d)-99, nor are there springs or seeps nearby that would indicate the presence of perched alluvial aquifers. Therefore, a contaminant pathway to groundwater, including the regional aquifer approximately 1100 ft below ground surface (bgs), is unlikely.

2.2.4 Regulatory Framework

The VCA completion report for the 1995 VCA activities at SWMUs 21-013(d) and 21-013(e) was submitted to NMED and DOE on February 26, 1996 (LANL 1996, 54320). Because no COPCs were identified at the sites, the VCA completion report recommended that the sites be removed from the HSWA module.

NMED returned an RSI for the 1996 VCA completion report on June 15, 1998. The RSI sought (1) an explanation of the term "cold dump" and a description of the dumped material, (2) selection criteria for the 18 sampled grids and justification for basing the grid total on radiological surveys, (3) resampling of 2.5-ft composited samples, and (4) additional sampling of debris piles and a site map with locations of debris/soil piles (NMED 1998, 58836). The Laboratory responded in July 1998 with explanations and attachments to address general and specific comments (LANL 1998, 58709). The RSI from NMED and the Laboratory's response are included in Appendix J.

SWMUs 21-013(d) and 21-013(e) were formally consolidated in 1999 to SWMU 21-013(d)-99. Because no further correspondence had been received from NMED regarding the Laboratory's RSI response, a VCA completion project was planned to address the issues listed in the RSI, further define the nature and extent of residual contamination at the site, assess human health and ecological risk, and determine a remedial approach for the SWMU, if necessary (LANL 2003, 75902). The VCA activities were completed in 2003, culminating in this report.

2.3 2003 VCA Activities

Field activities were conducted from February 13, 2003, through March 6, 2003, in accordance with the VCA plan addendum for SWMU 21-013(d)-99 (LANL 2003, 75902). The VCA had the following objectives.

- Re-establish the original Phase I RFI 20- by 20-m grid at SWMU 21-013(d)-99.
- Finalize characterization of residual contamination at the site by determining contaminant extent at
    - all Phase I RFI and 1995 VCA confirmation sample locations,
    - grid points not previously sampled,
    - locations outside the original grid, and
    - selected unsampled soil piles.
- Assess human health and ecological risk, based on nature and extent of contamination detected in samples collected from the SWMU.
- Determine a remedial approach for the SWMU (if necessary).

2.3.1 Field Activities

2.3.1.1 Grid and Sample Location Surveys

On February 13, 2003, differential global positioning system (GPS) methods were used to reestablish corners of the original 20 by 20 m RFI sampling grid at SWMU 21-013(d)-99. Three new sampling locations outside the original sampling grid and five new locations in previously uncharacterized soil piles were also surveyed using differential GPS.

2.3.1.2 Sampling

Investigative sampling was conducted at SWMU 21-013(d)-99 in accordance with the approved VCA plan addendum (LANL 2003, 75902), included as Appendix H. Sample locations and analytical suites were based on a review of historical operations and results of the previous investigations that indicated residual contamination existed at the site (LANL 1996, 54320). Sampling was conducted as described in the VCA plan addendum with one exception: the deepest sample at location 21-09010 was inadvertently collected from 3.5 to 4.5 ft bgs instead of from 2 to 3 ft bgs as specified in the plan.

Sampling at SWMU 21-013(d)-99 began on February 18, 2003 and was completed on March 6, 2003. Thirty-eight surface samples were collected from the 0–6-in depth in accordance with LANL-ER-SOP-6.09, Rev. 1, "Spade and Scoop Method for the Collection of Soil Samples." Thirty-five subsurface samples were collected from the underlying tuff at depths of 2 to 3 ft, 3.5 to 4.5 ft, or 6 to 7 ft in accordance with LANL-ER-SOP-6.10, Rev. 2, "Hand Auger and Thin-Wall Tube Sampler." Forty-four of

the 2003 samples were re-collected from 22 original 1994 RFI and 1995 VCA sample locations, 16 samples were collected from eight new grid locations, ten samples were collected from five locations in previously uncharacterized soil piles, and three samples were collected from new surface (0-6-in.) locations outside the grid. Figure 2.3-1 shows the locations of the 2003 VCA sample locations.

A total of 73 confirmation samples plus four field duplicates were submitted to an off-site analytical laboratory for analysis. The analytical suites included VOCs, SVOCs, TAL metals, alpha spectroscopy, tritium, isotopic plutonium, isotopic uranium, isotopic thorium, americium-241, and strontium-90. Table 2.3-1 shows sample identification (ID) numbers, sample location IDs and depths, and the analyses requested.

2.3.2 SWMU Data Review

Based on a review of all available site data, only the 2003 data were chosen for evaluation in this VCA report. The rationale for this decision is based on the following:

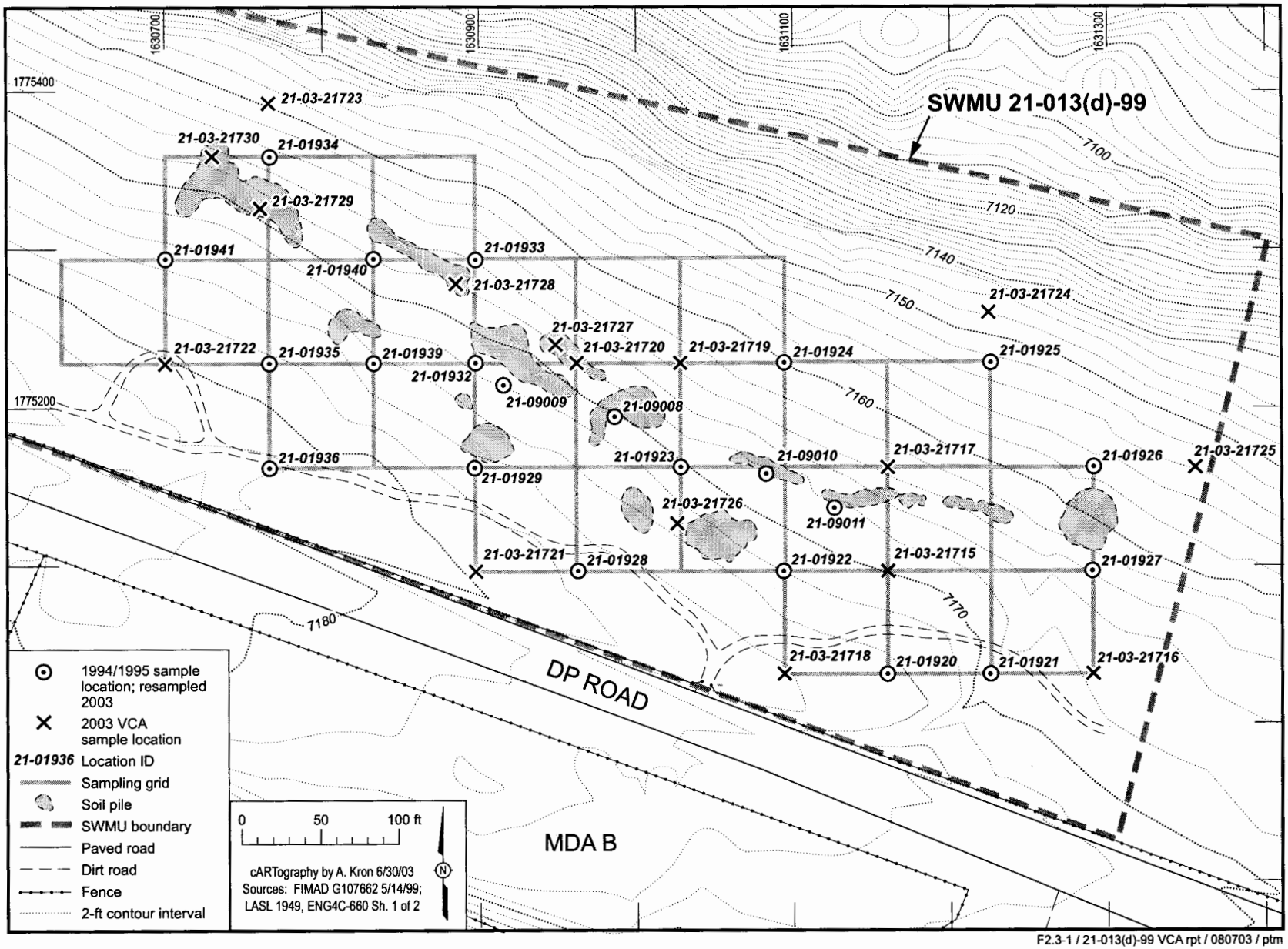
- all of the 1994 RFI and 1995 VCA sample locations were resampled in 2003,
- 2003 VCA data represent current site conditions,
- detection limits are generally lower for the 2003 VCA data,
- 2003 data uses more appropriate and updated analytical methods,
- sample intervals were more appropriate (0-6 in. versus the 0-2.5-ft sample intervals used in 1994), and
- 2003 data included more detects and/or detects above BVs, resulting in increased conservatism of the site assessments.

Analytical laboratory results for the 1994/1995 and 2003 samples are presented in Appendix D. Data quality, including a description of data qualifiers, is discussed in Appendix C for the 2003 samples. Because the 1994/1995 data were not used in the data assessments, they are not evaluated in Appendix C.

2.3.2.1 Comparison of Inorganic Chemicals with Background

Table 2.3-2 summarizes the inorganic analytical data, including frequency of detection above BVs, range of concentrations measured in the investigative samples, and comparison of the concentrations of each analyte to BVs for soil and tuff (Qbt 3) (LANL 1998, 59730). Because determining potential risk from essential nutrients (e.g., calcium, magnesium, potassium, and sodium) is not necessary, they were excluded from further analysis. Background comparisons are divided into samples collected from soil and those collected from tuff because the background data sets are media-specific. Sixteen inorganic chemicals (aluminum, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, vanadium, and zinc) were detected above their respective BVs for soil and/or tuff in 2003 samples. Table 2.3-3 presents the data for inorganic chemicals with concentrations exceeding BVs.

A large number of antimony results were rejected (see Appendix C for details). Of the 29 samples that were retained, only three samples had detections and all were at concentrations less than the BV. Antimony was not identified as a COPC in previous investigations at the site. Thus, current and historical sample results do not indicate antimony as a COPC requiring further consideration at this SWMU.



F2.3-1 / 21-013(d)-99 VCA rpt / 080703 / ptm

Figure 2.3-1. 2003 VCA sample locations, SWMU 21-013(d)-99

Table 2.3-1
2003 Confirmation Samples Collected for Fixed Laboratory Analysis at SWMU 21-013(d)-99

Sample ID	Location ID[a]	Depth (ft)	Americium-241	Isotopic Plutonium	Isotopic Uranium	Isotopic Thorium	Strontium-90	Tritium	TAL Metal	SVOC	VOC
MD21-03-50452	21-01920	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50453	21-01920	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50454	21-01921	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50455	21-01921	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50456	21-01922	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50457	21-01922	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50535[b]	21-01922	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50458	21-01923	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50459	21-01923	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50460	21-01924	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50461	21-01924	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50462	21-01925	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50463	21-01925	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50464	21-01926	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50465	21-01926	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50466	21-01927	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50467	21-01927	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50468	21-01928	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50469	21-01928	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50470	21-01929	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50471	21-01929	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50472	21-01932	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50473	21-01932	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50474	21-01933	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50475	21-01933	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50476	21-01934	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50477	21-01934	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50478	21-01935	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50479	21-01935	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50480	21-01936	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50481	21-01936	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50482	21-01939	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50484	21-01940	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50485	21-01940	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50486	21-01941	0–0.5	X	X	X	X	X	X	X	X	X

Table 2.3-1 (continued)

Sample ID	Location ID[a]	Depth (ft)	Americium-241	Isotopic Plutonium	Isotopic Uranium	Isotopic Thorium	Strontium-90	Tritium	TAL Metal	SVOC	VOC
MD21-03-50487	21-01941	3.5–4.5	X	X	X	X	X	X	X	X	X
MD21-03-50492	21-09008	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50493	21-09008	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50494	21-09009	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50495	21-09009	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50496	21-09010	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50497	21-09010	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50498	21-09011	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50499	21-09011	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50500	21-03-21722	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50501	21-03-21722	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50502	21-03-21721	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50503	21-03-21721	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50504	21-03-21720	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50505	21-03-21720	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50506	21-03-21719	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50507	21-03-21719	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50508	21-03-21718	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50509	21-03-21718	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50537[b]	21-03-21718	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50510	21-03-21717	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50511	21-03-21717	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50512	21-03-21716	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50513	21-03-21716	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50514	21-03-21715	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50515	21-03-21715	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50516	21-03-21730	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50517	21-03-21730	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50518	21-03-21729	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50519	21-03-21729	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50520	21-03-21728	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50521	21-03-21728	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50522	21-03-21727	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50536[b]	21-03-21727	0–0.5	X	X	X	X	X	X	X	X	X
MD21-03-50523	21-03-21727	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50524	21-03-21726	0–0.5	X	X	X	X	X	X	X	X	X

Table 2.3-1 (continued)

Sample ID	Location ID[a]	Depth (ft)	Americium-241	Isotopic Plutonium	Isotopic Uranium	Isotopic Thorium	Strontium-90	Tritium	TAL Metal	SVOC	VOC
MD21-03-50525	21-03-21726	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50548[b]	21-03-21726	2.0–3.0	X	X	X	X	X	X	X	X	X
MD21-03-50526	21-03-21725	0–0.5		X	X		X		X		
MD21-03-50528	21-03-21724	0–0.5					X		X		
MD21-03-50530	21-03-21723	0–0.5		X							
MD21-03-50538	21-01939	6.0–7.0	X	X	X	X	X	X	X	X	X

Note: X = Analysis was requested/performed, blank cells indicate no analysis requested.

[a] The location ID number differences denote original 1995 sample locations, which have been duplicated, and 2003 sample locations (21-03-21723 vs. 21-01939).

[b] Field duplicate samples.

Table 2.3-2
Frequency of Detected Inorganic Chemicals from 2003 Data at SWMU 21-013(d)-99

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	BV[a] (mg/kg)	Frequency of Detects >BV	Frequency of Nondetects >BV
Aluminum	Soil	38	38	2760–21330	29200	0/38	0/38
	Qbt 3	38	38	472–31060	7340	11/38	0/38
Antimony	Soil	5[b]	3	0.059–[0.482][c]	0.83	0/5	0/5
	Qbt 3	24[d]	0	[0.395]–[0.455]	0.5	0/24	0/24
Arsenic	Soil	38	38	1.88–4.48	8.17	0/38	0/38
	Qbt 3	38	38	1.41–7.66	2.79	11/38	0/38
Barium	Soil	38	38	39.9–468	295	2/38	0/38
	Qbt 3	38	38	8.96–127	46	16/38	0/38
Beryllium	Soil	38	38	0.211–1.07	1.83	0/38	0/38
	Qbt 3	38	38	0.104–1.99	1.21	2/38	0/38
Cadmium	Soil	38	15	0.054–0.671	0.4	1/38	23/38
	Qbt 3	38	2	0.073–[0.562]	1.63	0/38	0/38
Chromium	Soil	38	38	3.77–14	19.3	0/38	0/38
	Qbt 3	38	38	7.78–679	7.14	38/38	0/38
Cobalt	Soil	38	38	1.39–23.7	8.64	1/38	0/38
	Qbt 3	38	38	0.389–5.85	3.14	10/38	0/38
Copper	Soil	38	38	1.9–10.8	14.7	0/38	0/38
	Qbt 3	38	38	1.04–15.5	4.66	14/38	0/38
Iron	Soil	38	38	4790–16990	21500	0/38	0/38
	Qbt 3	38	38	2940–20750	14500	1/38	0/38

Table 2.3-2 (continued)

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	BV (mg/kg)	Frequency of Detects >BV	Frequency of Nondetects >BV
Lead	Soil	38	38	7.3–74.7	22.3	10/38	0/38
	Qbt 3	38	38	2.06–29.5	11.2	9/38	0/38
Manganese	Soil	38	38	107–3250	671	1/38	0/38
	Qbt 3	38	38	145–986	482	2/38	0/38
Mercury	Soil	38	38	0.0013–0.564	0.1	4/38	0/38
	Qbt 3	38	34	0.0045–0.15	0.1	1/38	0/38
Nickel	Soil	38	38	2.15–9.95	15.4	0/38	0/38
	Qbt 3	38	38	1.36–48.8	6.58	12/38	0/38
Selenium	Soil	38	24	0.195–1.37	1.52	0/38	0/38
	Qbt 3	38	22	0.164–0.76	0.3	10/38	16/38
Silver	Soil	38	38	0.0265–0.565	1	0/38	0/38
	Qbt 3	38	35	0.0183–0.543	1	0/38	0/38
Thallium	Soil	38	38	0.0318–0.26	0.73	0/38	0/38
	Qbt 3	38	37	0.318–0.302	1.1	0/38	0/38
Vanadium	Soil	38	38	3.33–34.9	39.6	0/38	0/38
	Qbt 3	38	38	1.4–28.9	17	5/38	0/38
Zinc	Soil	38	38	18.5–276	48.8	4/38	0/38
	Qbt 3	38	38	16.3–58.7	63.5	0/38	0/38

[a] Source: LANL (1998, 59730).

[b] Thirty-three antimony results were rejected due to poor recovery in laboratory matrix spike samples.

[d] Values in brackets indicate nondetects.

[d] Fourteen antimony results were rejected due to poor recovery in laboratory matrix spike samples.

Table 2.3-3
2003 Analytical Results of Inorganic Chemicals Above BVs, SWMU 21-013(d)-99

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Aluminum (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)
Soil BV[a] (mg/kg)					**29,200**	**8.17**	**295**	**1.83**	**0.4**	**19.3**	**8.64**	**14.7**
Qbt 2,3,4 BV (mg/kg)					**7340**	**2.79**	**46**	**1.21**	**1.63**	**7.14**	**3.14**	**4.66**
MD21-03-50453	21-01920	3.50–4.50	Qbt 3	N[b]	—[c]	—	—	—	—	15.5 (J+)[d]	—	5.14
MD21-03-50454	21-01921	0.00–0.50	Soil	N	—	—	—	—	0.522 (U)[e]	—	—	—
MD21-03-50455	21-01921	3.50–4.50	Qbt 3	N	—	—	—	—	—	13.9 (J+)	—	—
MD21-03-50457	21-01922	3.50–4.50	Qbt 3	N	—	4.4	—	—	—	7.78 (J+)	—	—
MD21-03-50535	21-01922	3.50–4.50	Qbt 3	FD[f]	—	7.66	—	—	—	10.4 (J+)	—	—
MD21-03-50458	21-01923	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50459	21-01923	3.50–4.50	Qbt 3	N	—	—	—	—	—	27.3 (J)[g]	—	—
MD21-03-50461	21-01924	3.50–4.50	Qbt 3	N	—	—	—	—	—	27 (J+)	—	—
MD21-03-50462	21-01925	0.00–0.50	Soil	N	—	—	—	—	0.62 (U)	—	—	—
MD21-03-50463	21-01925	3.50–4.50	Qbt 3	N	—	—	—	—	—	14.9 (J+)	—	—
MD21-03-50464	21-01926	0.00–0.50	Soil	N	—	—	—	—	0.577 (U)	—	—	—
MD21-03-50465	21-01926	2.00–3.00	Qbt 3	N	—	—	—	—	—	23.8 (J+)	—	—
MD21-03-50466	21-01927	0.00–0.50	Soil	N	—	—	—	—	0.549 (U)	—	—	—
MD21-03-50467	21-01927	2.00–3.00	Qbt 3	N	—	—	—	—	—	10.1 (J+)	—	—
MD21-03-50468	21-01928	0.00–0.50	Soil	N	—	—	—	—	0.525 (U)	—	—	—
MD21-03-50469	21-01928	3.50–4.50	Qbt 3	N	—	—	—	—	—	15.2 (J)	—	—
MD21-03-50471	21-01929	3.50–4.50	Qbt 3	N	—	—	—	—	—	17.4 (J)	—	—
MD21-03-50472	21-01932	0.00–0.50	Soil	N	—	—	—	—	0.558 (U)	—	—	—
MD21-03-50473	21-01932	3.50–4.50	Qbt 3	N	—	—	51.8 (J-)[h]	—	—	502	5.58	10.4
MD21-03-50474	21-01933	0.00–0.50	Soil	N	—	—	—	—	0.585 (U)	—	—	—
MD21-03-50475	21-01933	2.00–3.00	Qbt 3	N	—	2.86	—	—	—	679	5.85	15.5
MD21-03-50476	21-01934	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—

Table 2.3-3 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Aluminum (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)
Soil BV (mg/kg)					**29,200**	**8.17**	**295**	**1.83**	**0.4**	**19.3**	**8.64**	**14.7**
Qbt 2,3,4 BV (mg/kg)					**7340**	**2.79**	**46**	**1.21**	**1.63**	**7.14**	**3.14**	**4.66**
MD21-03-50477	21-01934	2.50–3.00	Qbt 3	N	—	—	—	—	—	224	—	—
MD21-03-50479	21-01935	3.50–4.50	Qbt 3	N	—	—	—	—	—	335	3.45	7.28
MD21-03-50480	21-01936	0.00–0.50	Soil	N	—	—	—	—	0.671	—	—	—
MD21-03-50481	21-01936	3.50–4.50	Qbt 3	N	—	—	—	—	—	229	3.21	5.59
MD21-03-50482	21-01939	0.00–0.50	Soil	N	—	—	468 (J-)	—	0.516 (U)	—	—	—
MD21-03-50538	21-01939	6.00–7.00	Qbt 3	N	—	—	—	—	—	171	—	—
MD21-03-50484	21-01940	0.00–0.50	Soil	N	—	—	—	—	0.593 (U)	—	—	—
MD21-03-50485	21-01940	3.50–4.50	Qbt 3	N	—	—	—	—	—	460	4.15	8.2
MD21-03-50486	21-01941	0.00–0.50	Soil	N	—	—	—	—	0.58 (U)	—	—	—
MD21-03-50487	21-01941	3.50–4.50	Qbt 3	N	—	—	—	—	—	286	—	7.56
MD21-03-50514	21-03-21715	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50515	21-03-21715	2.00–3.00	Qbt 3	N	—	—	—	—	—	24.2 (J+)	—	—
MD21-03-50512	21-03-21716	0.00–0.50	Soil	N	—	—	—	—	0.556 (U)	—	—	—
MD21-03-50513	21-03-21716	2.00–3.00	Qbt 3	N	—	—	46.4	—	—	12.5 (J+)	—	—
MD21-03-50510	21-03-21717	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50511	21-03-21717	2.00–3.00	Qbt 3	N	—	—	—	—	—	16.5 (J+)	—	—
MD21-03-50508	21-03-21718	0.00–0.50	Soil	N	—	—	—	—	0.563 (U)	—	—	—
MD21-03-50509	21-03-21718	2.00–3.00	Qbt 3	N	16,260	—	115	—	—	13 (J+)	3.91	5.24
MD21-03-50537	21-03-21718	2.00–3.00	Qbt 3	FD	31,060	4.17	115	1.99	—	19.7 (J+)	3.15	8.18
MD21-03-50506	21-03-21719	0.00–0.50	Soil	N	—	—	464 (J+)	—	—	—	23.7	—
MD21-03-50507	21-03-21719	2.00–3.00	Qbt 3	N	—	—	49.7	—	—	31.6 (J)	—	—
MD21-03-50505	21-03-21720	2.00–3.00	Qbt 3	N	—	—	—	—	—	13.2 (J)	—	—
MD21-03-50502	21-03-21721	0.00–0.50	Soil	N	—	—	—	—	0.539 (U)	—	—	—

Table 2.3-3 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Aluminum (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)
Soil BV (mg/kg)					**29,200**	**8.17**	**295**	**1.83**	**0.4**	**19.3**	**8.64**	**14.7**
Qbt 2,3,4 BV (mg/kg)					**7340**	**2.79**	**46**	**1.21**	**1.63**	**7.14**	**3.14**	**4.66**
MD21-03-50503	21-03-21721	2.00–3.00	Qbt 3	N	9320 (J+)	2.88	89.1	—	—	14.6 (J)	—	—
MD21-03-50501	21-03-21722	2.00–3.00	Qbt 3	N	—	—	—	—	—	9.94 (J)	—	—
MD21-03-50528	21-03-21724	0.00–0.50	Soil	N	—	—	—	—	0.597 (U)	—	—	—
MD21-03-50526	21-03-21725	0.00–0.50	Soil	N	—	—	—	—	0.528 (U)	—	—	—
MD21-03-50524	21-03-21726	0.00–0.50	Soil	N	—	—	—	—	0.605 (U)	—	—	—
MD21-03-50525	21-03-21726	2.00–3.00	Qbt 3	N	11,940	3.22	94.7	—	—	11.3	4.37	—
MD21-03-50548	21-03-21726	2.00–3.00	Qbt 3	FD	11,320	3.09	77.7	—	—	10.3	3.67	4.68
MD21-03-50522	21-03-21727	0.00–0.50	Soil	N	—	—	—	—	0.567 (U)	—	—	—
MD21-03-50536	21-03-21727	0.00–0.50	Soil	FD	—	—	—	—	0.576 (U)	—	—	—
MD21-03-50523	21-03-21727	2.00–3.00	Qbt 3	N	8970	—	70.9	—	—	12.6	—	—
MD21-03-50520	21-03-21728	0.00–0.50	Soil	N	—	—	—	—	0.518 (U)	—	—	—
MD21-03-50521	21-03-21728	2.00–3.00	Qbt 3	N	7980	2.98	79.9	—	—	10.7	—	5.25
MD21-03-50518	21-03-21729	0.00–0.50	Soil	N	—	—	—	—	0.523 (U)	—	—	—
MD21-03-50519	21-03-21729	2.00–3.00	Qbt 3	N	12,450	3.04	127	—	—	9.81	4.61	5.86
MD21-03-50516	21-03-21730	0.00–0.50	Soil	N	—	—	—	—	0.508 (U)	—	—	—
MD21-03-50517	21-03-21730	2.00–3.00	Qbt 3	N	7360	—	65.8	—	—	9.72	—	—
MD21-03-50492	21-09008	0.00–0.50	Soil	N	—	—	—	—	0.547 (U)	—	—	—
MD21-03-50493	21-09008	2.00–3.00	Qbt 3	N	11,360 (J+)	2.9	80.2	—	—	8.58 (J)	—	4.99
MD21-03-50494	21-09009	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50495	21-09009	2.00–3.00	Qbt 3	N	—	—	61.4	—	—	8.08 (J)	—	—
MD21-03-50496	21-09010	0.00–0.50	Soil	N	—	—	—	—	0.555 (U)	—	—	—
MD21-03-50497	21-09010	3.50–4.50	Qbt 3	N	14,900 (J+)	7.27	107	1.88	—	25.8 (J)	—	7.52
MD21-03-50499	21-09011	2.00–3.00	Qbt 3	N	—	—	71.6	—	—	13.1 (J)	—	—

Table 2.3-3 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Iron (mg/kg)	Lead (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
Soil BV (mg/kg)					**21,500**	**22.3**	**671**	**0.1**	**15.4**	**1.52**	**39.6**	**48.8**
Qbt 2,3,4 BV (mg/kg)					**14,500**	**11.2**	**482**	**0.1**	**6.58**	**0.3**	**17**	**63.5**
MD21-03-50453	21-01920	3.50–4.50	Qbt 3	N	—	—	986	—	12.2	0.5 (U)	—	—
MD21-03-50454	21-01921	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50455	21-01921	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50457	21-01922	3.50–4.50	Qbt 3	N	—	—	—	—	—	0.462 (U)	—	—
MD21-03-50535	21-01922	3.50–4.50	Qbt 3	FD	—	—	—	—	—	0.46 (U)	—	—
MD21-03-50458	21-01923	0.00–0.50	Soil	N	—	29.3	—	0.148 (J+)	—	—	—	—
MD21-03-50459	21-01923	3.50–4.50	Qbt 3	N	—	—	—	—	—	0.476 (U)	—	—
MD21-03-50461	21-01924	3.50–4.50	Qbt 3	N	—	—	—	—	—	0.466 (U)	—	—
MD21-03-50462	21-01925	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50463	21-01925	3.50–4.50	Qbt 3	N	—	—	—	—	—	0.502 (U)	—	—
MD21-03-50464	21-01926	0.00–0.50	Soil	N	—	28.5	—	—	—	—	—	—
MD21-03-50465	21-01926	2.00–3.00	Qbt 3	N	—	—	—	—	—	0.502 (U)	—	—
MD21-03-50466	21-01927	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50467	21-01927	2.00–3.00	Qbt 3	N	—	—	—	—	—	0.466 (U)	—	—
MD21-03-50468	21-01928	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50469	21-01928	3.50–4.50	Qbt 3	N	—	—	—	—	—	0.41 (J)	—	—
MD21-03-50471	21-01929	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50472	21-01932	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50473	21-01932	3.50–4.50	Qbt 3	N	—	12.5	—	—	40	—	—	—
MD21-03-50474	21-01933	0.00–0.50	Soil	N	—	27.5	—	—	—	—	—	—
MD21-03-50475	21-01933	2.00–3.00	Qbt 3	N	—	19.1	—	—	48.8	0.347 (J)	—	—
MD21-03-50476	21-01934	0.00–0.50	Soil	N	—	27.9 (J)	—	—	—	—	—	—
MD21-03-50477	21-01934	2.50–3.00	Qbt 3	N	—	—	—	—	22.2	—	—	—
MD21-03-50479	21-01935	3.50–4.50	Qbt 3	N	—	—	—	—	29.8	0.426 (J)	—	—
MD21-03-50480	21-01936	0.00–0.50	Soil	N	—	40	—	—	—	—	—	53.9

Table 2.3-3 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Iron (mg/kg)	Lead (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
Soil BV (mg/kg)					**21,500**	**22.3**	**671**	**0.1**	**15.4**	**1.52**	**39.6**	**48.8**
Qbt 2,3,4 BV (mg/kg)					**14,500**	**11.2**	**482**	**0.1**	**6.58**	**0.3**	**17**	**63.5**
MD21-03-50481	21-01936	3.50–4.50	Qbt 3	N	—	—	—	—	30.5	0.505 (U)	—	—
MD21-03-50482	21-01939	0.00–0.50	Soil	N	—	25.2	—	—	—	—	—	—
MD21-03-50538	21-01939	6.00–7.00	Qbt 3	N	—	—	—	—	12.4	—	—	—
MD21-03-50484	21-01940	0.00–0.50	Soil	N	—	—	—	0.151	—	—	—	—
MD21-03-50485	21-01940	3.50–4.50	Qbt 3	N	—	—	—	—	28	—	—	—
MD21-03-50486	21-01941	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50487	21-01941	3.50–4.50	Qbt 3	N	—	—	—	—	19.7	—	—	—
MD21-03-50514	21-03-21715	0.00–0.50	Soil	N	—	30.4	—	—	—	—	—	—
MD21-03-50515	21-03-21715	2.00–3.00	Qbt 3	N	—	—	—	—	—	0.463 (U)	—	—
MD21-03-50512	21-03-21716	0.00–0.50	Soil	N	—	23.5	—	—	—	—	—	—
MD21-03-50513	21-03-21716	2.00–3.00	Qbt 3	N	—	—	—	—	—	0.495 (U)	—	—
MD21-03-50510	21-03-21717	0.00–0.50	Soil	N	—	—	—	—	—	—	—	276
MD21-03-50511	21-03-21717	2.00–3.00	Qbt 3	N	—	—	—	—	—	0.471 (U)	—	—
MD21-03-50508	21-03-21718	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50509	21-03-21718	2.00–3.00	Qbt 3	N	—	—	—	—	—	0.489 (U)	19	—
MD21-03-50537	21-03-21718	2.00–3.00	Qbt 3	FD	20,750 (J)	11.3	—	—	12.3	—	28.9	—
MD21-03-50506	21-03-21719	0.00–0.50	Soil	N	—	23.6	3250	—	—	—	—	—
MD21-03-50507	21-03-21719	2.00–3.00	Qbt 3	N	—	—	—	—	—	0.421 (J)	—	—
MD21-03-50505	21-03-21720	2.00–3.00	Qbt 3	N	—	—	—	—	—	0.481 (J)	—	—
MD21-03-50502	21-03-21721	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50503	21-03-21721	2.00–3.00	Qbt 3	N	—	27.4	—	—	—	0.582	—	—
MD21-03-50501	21-03-21722	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50528	21-03-21724	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50526	21-03-21725	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50524	21-03-21726	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—

Table 2.3-3 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Iron (mg/kg)	Lead (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
Soil BV (mg/kg)					**21,500**	**22.3**	**671**	**0.1**	**15.4**	**1.52**	**39.6**	**48.8**
Qbt 2,3,4 BV (mg/kg)					**14,500**	**11.2**	**482**	**0.1**	**6.58**	**0.3**	**17**	**63.5**
MD21-03-50525	21-03-21726	2.00–3.00	Qbt 3	N	—	13.5	—	—	—	—	19.2	—
MD21-03-50548	21-03-21726	2.00–3.00	Qbt 3	FD	—	20.7	—	—	—	0.51 (U)	—	—
MD21-03-50522	21-03-21727	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50536	21-03-21727	0.00–0.50	Soil	FD	—	—	—	—	—	—	—	—
MD21-03-50523	21-03-21727	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50520	21-03-21728	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50521	21-03-21728	2.00–3.00	Qbt 3	N	—	—	—	—	—	0.513 (U)	—	—
MD21-03-50518	21-03-21729	0.00–0.50	Soil	N	—	—	—	0.17	—	—	—	54.4
MD21-03-50519	21-03-21729	2.00–3.00	Qbt 3	N	—	11.7	—	—	—	0.396 (J)	19	—
MD21-03-50516	21-03-21730	0.00–0.50	Soil	N	—	—	—	0.564	—	—	—	—
MD21-03-50517	21-03-21730	2.00–3.00	Qbt 3	N	—	—	—	0.15	—	0.501 (U)	—	—
MD21-03-50492	21-09008	0.00–0.50	Soil	N	—	—	—	—	—	—	—	69.8
MD21-03-50493	21-09008	2.00–3.00	Qbt 3	N	—	29.5	—	—	7.58	0.76	—	—
MD21-03-50494	21-09009	0.00–0.50	Soil	N	—	74.7	—	—	—	—	—	—
MD21-03-50495	21-09009	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50496	21-09010	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50497	21-09010	3.50–4.50	Qbt 3	N	—	12.4	—	—	12.4	0.345 (J)	17.4	—
MD21-03-50499	21-09011	2.00–3.00	Qbt 3	N	—	—	507	—	—	0.409 (J)	—	—

[a] BV = Background value.
[b] N = Normal sample.
[c] — = Result was not detected, does not exceed BV, or was not analyzed.
[d] J+ = The analyte was positively identified, and the results is likely to be biased high.
[e] U = The analyte was analyzed for but not detected.
[f] FD = Field duplicate.
[g] J = The analyte was positively identified, and the associated numerical value is estimated to be more uncertain that would normally be expected for that analysis.
[h] J- = The analyte was positively identified, and the result is likely to be biased low.

In addition to the comparison of inorganic chemicals with their respective BVs, two statistical tests (Wilcoxon Rank Sum [WRS] and quantile tests) were used to determine whether the inorganic chemicals were statistically different from the background data sets (EPA 1994, 73793).

For soil, 3 of 7 inorganic chemicals (cadmium, lead, and zinc) detected above the soil BVs were statistically different from (greater than) the background data set. For tuff, 10 of 14 inorganic chemicals (aluminum, arsenic, barium, chromium, copper, iron, lead, nickel, selenium, and vanadium) detected above the tuff BVs were statistically different from (greater than) the background data set. Mercury was retained as a COPC in tuff because it was detected above its BV, but no background data set is available to perform statistical comparisons. Lead was the only inorganic chemical retained as a COPC for both soil and tuff.

In summary, a total of 13 inorganic chemicals were retained as COPCs for SWMU 21-013(d)-99 because they were detected at concentrations above their BVs and were found to be statistically different from (greater than) the background data set. Of these, lead and mercury were detected above their BVs during previous investigations (LANL 1996, 54320).

2.3.2.2 Comparison of Radionuclides with Background or Fallout Values

Table 2.3-4 summarizes the radiological analytical data, including frequency of detection above BVs/fallout values (FVs), range of concentrations measured in the investigative samples, and comparison of concentrations for each analyte with BVs or FVs (LANL 1998, 59730). Radionuclides related to atmospheric fallout (americium-241, plutonium-238, plutonium-239, strontium-90, and tritium) are compared to FVs for surface soil (0 to 0.5 ft bgs) only. Therefore, all radionuclides related to atmospheric fallout that were detected in the tuff were retained as COPCs. Table 2.3-5 presents analytical results for all samples with radionuclide concentrations greater than soil BVs or FVs and those detected in tuff for radionuclides related to atmospheric fallout.

Six radionuclides were above BVs or FVs for soil and tuff: americium-241, plutonium-238, plutonium-239, strontium-90, tritium, and uranium-235. Uranium-235 was detected in tuff only and plutonium-238 was detected in soil only. All six radionuclides detected above either the soil or tuff BVs or FVs were retained as COPCs. None of the radionuclides retained as a COPC in the current study was identified as a COPC in previous studies (LANL 1996, 54320).

Table 2.3-4
Frequency of Detected Radionuclides from 2003 Data at SWMU 21-013(D)-99

Analyte	Media	Number of Analyses	Number of Detects	Concentration Range[a] (pCi/g)	BV or FV[b] (pCi/g)	Frequency of Detects >BV
Americium-241[b]	Soil	36	19	[–0.038][c]–0.876	0.013	19/36
	Qbt 3	38	3	[–0.0054]–0.171	NA[d]	3/38
Plutonium-238[b]	Soil	38	4	[–0.00341]–0.0467	0.023	4/38
	Qbt 3	38	0	[–0.0132]–[0.0264]	NA	0/38
Plutonium-239[b]	Soil	38	33	[0]–4.79	0.054	32/38
	Qbt 3	38	11	[–0.0124]–2.18	NA	11/38
Strontium-90[b]	Soil	38	3	[–0.0793]–2.92	1.31	1/38
	Qbt 3	38	1	[–0.118]–0.563	NA	1/38
Thorium-228	Soil	35	35	0.898–1.78	2.28	0/35
	Qbt 3	35	35	1.08–1.73	2.52	0/35
Thorium-230	Soil	35	35	0.797–1.49	2.29	0/35
	Qbt 3	35	35	0.863–1.43	1.98	0/35
Thorium-232	Soil	35	35	0.689–1.53	2.33	0/35
	Qbt 3	35	35	0.963–1.55	2.52	0/35
Tritium[b,e]	Soil	36	36	0.091–0.476	NA	36/36
	Qbt 3	38	37	[0.0015]–0.0064	NA	37/38
Uranium-234	Soil	37	37	0.569–1.83	2.59	0/37
	Qbt 3	38	38	0.455–0.86	1.98	0/38
Uranium-235	Soil	37	34	0.0344–0.173	0.2	0/37
	Qbt 3	38	27	[0.0058]–0.123	0.09	1/38
Uranium-238	Soil	37	37	0.533–1.91	2.29	0/37
	Qbt 3	38	38	0.448–0.876	1.93	0/38

[a] Source: LANL (1998, 59730).

[b] The background values for fallout radionuclides apply to soil samples collected from 0 to 0.5 ft only.

[c] Values in brackets indicate nondetects.

[d] NA indicates that BV is not available or not applicable.

[e] Although there is a soil/fill BV for tritium (0.76 pCi/ml), it is not used for comparisons in this data set.

Table 2.3-5
2003 Analytical Results of Radionuclides Above BVs/FVs or Detected in Tuff, SWMU 21-013(d)-99

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Americium-241[a] (pCi/g)	Plutonium-238[a] (pCi/g)	Plutonium-239[a] (pCi/g)	Strontium-90[a] (pCi/g)	Tritium[a,b] (pCi/g)	Uranium-235 (pCi/g)
Soil BV[c]/FV[d] (pCi/g)					**0.013**	**0.023**	**0.054**	**1.31**	**NA[e]**	**0.2**
Qbt 2,3,4 BV (pCi/g)					**NA**	**NA**	**NA**	**NA**	**NA**	**0.09**
MD21-03-50452	21-01920	0.00–0.50	Soil	N[f]	0.0714	—[g]	0.932	—	0.198	—
MD21-03-50453	21-01920	3.50–4.50	Qbt 3	N	—	—	—	—	0.00646	—
MD21-03-50454	21-01921	0.00–0.50	Soil	N	—	—	—	—	0.120	—
MD21-03-50455	21-01921	3.50–4.50	Qbt 3	N	—	—	—	—	0.0136	—
MD21-03-50456	21-01922	0.00–0.50	Soil	N	0.116	—	2.38	—	0.193	—
MD21-03-50457	21-01922	3.50–4.50	Qbt 3	N	—	—	—	—	0.00500	—
MD21-03-50535	21-01922	3.50–4.50	Qbt 3	FD[h]	—	—	—	—	0.00352	—
MD21-03-50458	21-01923	0.00–0.50	Soil	N		—	0.267	—	0.158	—
MD21-03-50459	21-01923	3.50–4.50	Qbt 3	N	—	—	—	—	0.00863	—
MD21-03-50460	21-01924	0.00–0.50	Soil	N		—	0.754	—	0.298	—
MD21-03-50461	21-01924	3.50–4.50	Qbt 3	N	—	—	—	—	0.0121	—
MD21-03-50462	21-01925	0.00–0.50	Soil	N	0.0289	—	0.541	—	0.259	—
MD21-03-50464	21-01926	0.00–0.50	Soil	N		—	0.181	—	0.379	—
MD21-03-50465	21-01926	2.00–3.00	Qbt 3	N	—	—	—	—	0.0106	—
MD21-03-50466	21-01927	0.00–0.50	Soil	N		—	0.65	—	0.257	—
MD21-03-50467	21-01927	2.00–3.00	Qbt 3	N	—	—	—	—	0.0106	—
MD21-03-50468	21-01928	0.00–0.50	Soil	N		—		—	0.147	—
MD21-03-50469	21-01928	3.50–4.50	Qbt 3	N	—	—	—	—	0.0148	—
MD21-03-50470	21-01929	0.00–0.50	Soil	N	0.0738	—	1.02	—	0.172	—
MD21-03-50471	21-01929	3.50–4.50	Qbt 3	N	—	—	—	—	0.00492	—
MD21-03-50472	21-01932	0.00–0.50	Soil	N	—	—	0.0674	—	0.115	—
MD21-03-50473	21-01932	3.50–4.50	Qbt 3	N	—	—	—	—	0.0262	—
MD21-03-50474	21-01933	0.00–0.50	Soil	N	0.057	—	0.705	—	0.234	—

Table 2.3-5 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Americium-241[a] (pCi/g)	Plutonium-238[a] (pCi/g)	Plutonium-239[a] (pCi/g)	Strontium-90[a] (pCi/g)	Tritium[a,b] (pCi/g)	Uranium-235 (pCi/g)
Soil BV[c]/FV[d] (pCi/g)					**0.013**	**0.023**	**0.054**	**1.31**	**NA[e]**	**0.2**
Qbt 2,3,4 BV (pCi/g)					**NA**	**NA**	**NA**	**NA**	**NA**	**0.09**
MD21-03-50475	21-01933	2.00–3.00	Qbt 3	N	—	—	—	—	0.0117	—
MD21-03-50476	21-01934	0.00–0.50	Soil	N	0.142	—	1.55	—	0.457	—
MD21-03-50477	21-01934	2.50–3.00	Qbt 3	N	—	—	0.201	0.563	0.0323	—
MD21-03-50478	21-01935	0.00–0.50	Soil	N	0.0582	—	0.641	—	0.172	—
MD21-03-50479	21-01935	3.50–4.50	Qbt 3	N	—	—	—	—	0.0149	—
MD21-03-50480	21-01936	0.00–0.50	Soil	N	0.399	0.031	2.89	—	0.318	—
MD21-03-50481	21-01936	3.50–4.50	Qbt 3	N	—	—	0.198	—	0.0191	—
MD21-03-50482	21-01939	0.00–0.50	Soil	N	0.0759	—	1.9	—	0.328	—
MD21-03-50538	21-01939	6.00–7.00	Qbt 3	N	—	—	0.0364	—	0.0472	—
MD21-03-50484	21-01940	0.00–0.50	Soil	N	0.215		4.4	—	0.459	—
MD21-03-50485	21-01940	3.50–4.50	Qbt 3	N	—	—	—	—	0.0225	—
MD21-03-50486	21-01941	0.00–0.50	Soil	N	0.0967	—	2.19	—	0.476	—
MD21-03-50487	21-01941	3.50–4.50	Qbt 3	N	—	—	0.247	—	0.0357	—
MD21-03-50514	21-03-21715	0.00–0.50	Soil	N	0.169	—	2.75	—	0.219	—
MD21-03-50515	21-03-21715	2.00–3.00	Qbt 3	N	—	—	—	—	0.00735	—
MD21-03-50512	21-03-21716	0.00–0.50	Soil	N		—	—	—	0.204	—
MD21-03-50513	21-03-21716	2.00–3.00	Qbt 3	N	—	—	—	—	0.0150	—
MD21-03-50510	21-03-21717	0.00–0.50	Soil	N	0.073	—	1.11	—	0.472	—
MD21-03-50511	21-03-21717	2.00–3.00	Qbt 3	N	—	—	—	—	0.00603	—
MD21-03-50508	21-03-21718	0.00–0.50	Soil	N	0.104		2.18	—	0.277	—
MD21-03-50509	21-03-21718	2.00–3.00	Qbt 3	N	—	—	—	—	0.0174	—
MD21-03-50537	21-03-21718	2.00–3.00	Qbt 3	FD	—	—	—	—	0.0259	—
MD21-03-50506	21-03-21719	0.00–0.50	Soil	N		—	0.254	—	0.335	—
MD21-03-50507	21-03-21719	2.00–3.00	Qbt 3	N	—	—	—	—	0.0369	—

Table 2.3-5 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Americium-241[a] (pCi/g)	Plutonium-238[a] (pCi/g)	Plutonium-239[a] (pCi/g)	Strontium-90[a] (pCi/g)	Tritium[a,b] (pCi/g)	Uranium-235 (pCi/g)
Soil BV[c]/FV[d] (pCi/g)					**0.013**	**0.023**	**0.054**	**1.31**	**NA[e]**	**0.2**
Qbt 2,3,4 BV (pCi/g)					**NA**	**NA**	**NA**	**NA**	**NA**	**0.09**
MD21-03-50504	21-03-21720	0.00–0.50	Soil	N	—	—	0.233	—	0.346	—
MD21-03-50505	21-03-21720	2.00–3.00	Qbt 3	N	0.0871	—	0.242	—	0.0280	0.123
MD21-03-50502	21-03-21721	0.00–0.50	Soil	N		—	1.09	—	0.120	—
MD21-03-50503	21-03-21721	2.00–3.00	Qbt 3	N	—	—	—	—	0.0405	—
MD21-03-50500	21-03-21722	0.00–0.50	Soil	N	0.13	—	0.401	—	0.452	—
MD21-03-50501	21-03-21722	2.00–3.00	Qbt 3	N	—	—	—	—	0.00449	—
MD21-03-50530	21-03-21723	0.00–0.50	Soil	N	—	0.0445	2.74	—	—	—
MD21-03-50526	21-03-21725	0.00–0.50	Soil	N	—	—	1.39	—	—	—
MD21-03-50524	21-03-21726	0.00–0.50	Soil	N		—	0.164	—	0.307	—
MD21-03-50525	21-03-21726	2.00–3.00	Qbt 3	N	—	—	0.0498	—	0.0261	—
MD21-03-50548	21-03-21726	2.00–3.00	Qbt 3	FD	—	—	—	—	0.0237	—
MD21-03-50522	21-03-21727	0.00–0.50	Soil	N	—	—	—	—	0.199	—
MD21-03-50536	21-03-21727	0.00–0.50	Soil	FD		—	—	—	0.161	—
MD21-03-50523	21-03-21727	2.00–3.00	Qbt 3	N	—	—	—	—	0.0245	—
MD21-03-50520	21-03-21728	0.00–0.50	Soil	N	—	—	—	—	0.116	—
MD21-03-50521	21-03-21728	2.00–3.00	Qbt 3	N	—	—	0.105	—	0.0137	—
MD21-03-50518	21-03-21729	0.00–0.50	Soil	N	0.366	0.0467	4.79	—	0.0911	—
MD21-03-50519	21-03-21729	2.00–3.00	Qbt 3	N	0.0795	—	2.18	—	0.0640	—
MD21-03-50516	21-03-21730	0.00–0.50	Soil	N	0.37	0.0319	3.13	—	0.0959	—
MD21-03-50517	21-03-21730	2.00–3.00	Qbt 3	N	0.171	—	0.888	—	0.0348	—
MD21-03-50492	21-09008	0.00–0.50	Soil	N	—	—	0.0843	—	0.117	—
MD21-03-50493	21-09008	2.00–3.00	Qbt 3	N	—	—	0.114	—	0.0264	—
MD21-03-50494	21-09009	0.00–0.50	Soil	N	0.0653	—	1.13	—	0.137	—
MD21-03-50495	21-09009	2.00–3.00	Qbt 3	N	—	—	—	—	0.0107	—

Table 2.3-5 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Americium-241[a] (pCi/g)	Plutonium-238[a] (pCi/g)	Plutonium-239[a] (pCi/g)	Strontium-90[a] (pCi/g)	Tritium[a,b] (pCi/g)	Uranium-235 (pCi/g)
Soil BV[c]/FV[d] (pCi/g)					**0.013**	**0.023**	**0.054**	**1.31**	**NA[e]**	**0.2**
Qbt 2,3,4 BV (pCi/g)					**NA**	**NA**	**NA**	**NA**	**NA**	**0.09**
MD21-03-50496	21-09010	0.00–0.50	Soil	N	—	—	0.147	2.92	0.173	—
MD21-03-50497	21-09010	3.50–4.50	Qbt 3	N	—	—	—	—	0.0334	—
MD21-03-50498	21-09011	0.00–0.50	Soil	N	0.876	—	1.28	—	0.141	—
MD21-03-50499	21-09011	2.00–3.00	Qbt 3	N	—	—	0.112	—	0.0188	—

[a] BVs for fallout radionuclides apply only to soil samples collected from 0 to 6 in. bgs.

[b] Although there is a soil BV for tritium (0.76 pCi/mL), it is not used for comparisons in this data set.

[c] BV = Background value.

[d] FV = Fallout value.

[e] NA = BV is not available or not applicable.

[f] N = Normal sample.

[g] — = Result was not detected, does not exceed BV, or was not analyzed.

[h] FD = Field duplicate.

2.3.2.3 Evaluation of Organic Chemicals

Table 2.3-6 summarizes the organic analytical data, including frequency of detection, range of concentrations measured in the investigative samples, and estimated quantitation limits (EQLs) for all detected organic chemicals.

Table 2.3-6
Frequency of Detected Organic Chemicals from 2003 Data at SWMU 21-013(d)-99

Analyte	Number of Analyses	Number of Detects	Concentration Range (mg/kg)	EQL[a] (mg/kg)	Frequency of Detects (%)
Acetone	74	1	[0.0046][b]–0.349	0.0073	1
Benzo(b)fluoranthene	74	2	[0.0292]–0.0969	0.043	3
Benzo(g,h,i)perylene	74	1	[0.0341]–0.107	0.033	1
Bis(2-ethylhexyl)phthalate	74	38	0.0304–3.08	0.430	51
2-Butanone	74	2	[0.0045]–0.0143	0.0073	3
Chrysene	74	2	[0.0282]–0.0596	0.043	3
1,2-Dichlorobenzene[c]	148	1	[0.0009]–[0.431]	0.430	< 1
1,1-Dichloroethene	74	16	[0.0006]–0.0059	0.0015	22
Di-n-butylphthalate	74	3	0.0484–[0.431]	0.430	4
Di-n-octylphthalate	74	1	0.0485–[0.431]	0.430	1
Fluoranthene	74	4	[0.0209]–0.0621	0.043	5
Fluorene	74	2	0.0046–[0.0422]	0.043	3
4-Isopropyltoluene	74	15	0.00044–0.0118	0.0015	20
Phenanthrene	74	2	[0.0226]–[0.0422]	0.043	3
Pyrene	74	4	[0.0184]–0.0588	0.043	5
Toluene	74	8	0.00041–0.0015	0.0015	11

[a] EQLs listed are maximum EQLs for all samples. Sample-specific EQLs may be lower than value in table.
[b] Values in brackets indicate nondetects.
[c] 1,2-Dichlorobenzene was analyzed in both the VOC and SVOC analytical suites.

Sixteen organic chemicals were detected in the 2003 VCA samples. However, ten organic chemicals were detected in less than five percent of the samples and were eliminated from further consideration as COPCs: acetone, benzo(b)fluoranthene, benzo(g,h,i)perylene, 2-butanone, chrysene, 1,2-dichlorobenzene, di-n-butylphthalate, di-n-octylphthalate, fluorene, and phenanthrene (EPA 1989, 08021).

Six detected organic chemicals were retained as COPCs: bis(2-ethylhexyl)phthalate, 1,1-dichloroethene, fluoranthene, 4-isopropyltoluene, pyrene, and toluene. No organic chemicals were identified as COPCs in discussions of previous sampling results (LANL 1996, 54320). Table 2.3-7 lists all samples with detected organic COPCs.

Table 2.3-7
Analytical Results of Detected Organic COPCs, SWMU 21-013(d)-99

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Acetone (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Bis(2-ethylhexyl)phthalate (mg/kg)	2-Butanone (mg/kg)	Chrysene (mg/kg)	1,2-Dichlorobenzene (mg/kg)	1,1-Dichloroethene (mg/kg)
MD21-03-50453	21-01920	3.50–4.50	Qbt 3	N[a]	—[b]	—	0.107	—	—	—	—	0.0055
MD21-03-50455	21-01921	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50457	21-01922	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	0.0045
MD21-03-50535	21-01922	3.50–4.50	Qbt 3	FD[c]	—	—	—	—	—	—	—	0.0059
MD21-03-50458	21-01923	0.00–0.50	Soil	N	—	—	—	0.112 (J)[d]	—	—	—	—
MD21-03-50459	21-01923	3.50–4.50	Qbt 3	N	—	—	—	0.055 (J)	—	—	—	—
MD21-03-50460	21-01924	0.00–0.50	Soil	N	—	—	—	0.164 (J)	—	—	—	—
MD21-03-50461	21-01924	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50462	21-01925	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50463	21-01925	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50464	21-01926	0.00–0.50	Soil	N	—	—	—	0.0719 (J)	—	—	—	—
MD21-03-50465	21-01926	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50466	21-01927	0.00–0.50	Soil	N	—	—	—	0.054 (J)	—	—	—	—
MD21-03-50467	21-01927	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50468	21-01928	0.00–0.50	Soil	N	—	—	—	0.0862 (J)	—	—	0.0279 (J)	0.00089 (J)
MD21-03-50469	21-01928	3.50–4.50	Qbt 3	N	—	—	—	0.0322 (J)	—	—	—	—
MD21-03-50470	21-01929	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.0015
MD21-03-50471	21-01929	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	0.0032
MD21-03-50472	21-01932	0.00–0.50	Soil	N	—	—	—	0.0847 (J)	—	—	—	—
MD21-03-50473	21-01932	3.50–4.50	Qbt 3	N	—	—	—	0.0726 (J)	—	—	—	—

Table 2.3-7 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Acetone (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Bis(2-ethylhexyl)phthalate (mg/kg)	2-Butanone (mg/kg)	Chrysene (mg/kg)	1,2-Dichlorobenzene (mg/kg)	1,1-Dichloroethene (mg/kg)
MD21-03-50474	21-01933	0.00–0.50	Soil	N	—	—	—	0.102 (J)	—	—	—	—
MD21-03-50475	21-01933	2.00–3.00	Qbt 3	N	0.349	—	—	0.0658 (J)	0.0143	—	—	—
MD21-03-50476	21-01934	0.00–0.50	Soil	N	—	0.0553	—	0.101 (J)	—	0.047	—	—
MD21-03-50477	21-01934	2.50–3.00	Qbt 3	N	—	—	—	0.0921 (J)	—	—	—	—
MD21-03-50478	21-01935	0.00–0.50	Soil	N	—	—	—	0.079 (J)	—	—	—	—
MD21-03-50479	21-01935	3.50–4.50	Qbt 3	N	—	—	—	0.0882 (J)	—	—	—	—
MD21-03-50480	21-01936	0.00–0.50	Soil	N	—	—	—	0.111 (J)	—	—	—	—
MD21-03-50481	21-01936	3.50–4.50	Qbt 3	N	—	—	—	0.0518 (J)	—	—	—	—
MD21-03-50482	21-01939	0.00–0.50	Soil	N	—	—	—	0.066 (J)	—	—	—	—
MD21-03-50538	21-01939	6.00–7.00	Qbt 3	N	—	—	—	0.0639 (J)	—	—	—	—
MD21-03-50484	21-01940	0.00–0.50	Soil	N	—	—	—	0.0489 (J)	—	—	—	—
MD21-03-50485	21-01940	3.50–4.50	Qbt 3	N	—	—	—	0.0635 (J)	—	—	—	—
MD21-03-50486	21-01941	0.00–0.50	Soil	N	—	0.0969	—	0.0798 (J)	—	0.0596	—	—
MD21-03-50487	21-01941	3.50–4.50	Qbt 3	N	—	—	—	0.105 (J)	0.0062 (J)	—	—	—
MD21-03-50514	21-03-21715	0.00–0.50	Soil	N	—	—	—	0.0569 (J)	—	—	—	—
MD21-03-50515	21-03-21715	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50512	21-03-21716	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.00064 (J)
MD21-03-50513	21-03-21716	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50510	21-03-21717	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50511	21-03-21717	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50508	21-03-21718	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—

Table 2.3-7 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Acetone (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Bis(2-ethylhexyl)phthalate (mg/kg)	2-Butanone (mg/kg)	Chrysene (mg/kg)	1,2-Dichlorobenzene (mg/kg)	1,1-Dichloroethene (mg/kg)
MD21-03-50509	21-03-21718	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50537	21-03-21718	2.00–3.00	Qbt 3	FD	—	—	—	—	—	—	—	—
MD21-03-50506	21-03-21719	0.00–0.50	Soil	N	—	—	—	0.0632 (J)	—	—	—	—
MD21-03-50507	21-03-21719	2.00–3.00	Qbt 3	N	—	—	—	0.0541 (J)	—	—	—	—
MD21-03-50504	21-03-21720	0.00–0.50	Soil	N	—	—	—	0.0725 (J)	—	—	—	—
MD21-03-50505	21-03-21720	2.00–3.00	Qbt 3	N	—	—	—	0.0608 (J)	—	—	—	0.0045
MD21-03-50502	21-03-21721	0.00–0.50	Soil	N	—	—	—	0.087 (J)	—	—	—	—
MD21-03-50503	21-03-21721	2.00–3.00	Qbt 3	N	—	—	—	0.0504 (J)	—	—	—	0.001 (J)
MD21-03-50500	21-03-21722	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50501	21-03-21722	2.00–3.00	Qbt 3	N	—	—	—	0.0304 (J)	—	—	—	0.0035
MD21-03-50524	21-03-21726	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50525	21-03-21726	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50548	21-03-21726	2.00–3.00	Qbt 3	FD	—	—	—	3.08	—	—	—	0.0024
MD21-03-50522	21-03-21727	0.00–0.50	Soil	N	—	—	—	—	—	—	—	0.00081 (J)
MD21-03-50536	21-03-21727	0.00–0.50	Soil	FD	—	—	—	—	—	—	—	—
MD21-03-50523	21-03-21727	2.00–3.00	Qbt 3	N	—	—	—	0.625	—	—	—	—
MD21-03-50520	21-03-21728	0.00–0.50	Soil	N	—	—	—	1.4	—	—	—	0.0011
MD21-03-50521	21-03-21728	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	0.0014
MD21-03-50518	21-03-21729	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50519	21-03-21729	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50516	21-03-21730	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—

Table 2.3-7 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Acetone (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Bis(2-ethylhexyl)phthalate (mg/kg)	2-Butanone (mg/kg)	Chrysene (mg/kg)	1,2-Dichlorobenzene (mg/kg)	1,1-Dichloroethene (mg/kg)
MD21-03-50517	21-03-21730	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	0.001 (J)
MD21-03-50492	21-09008	0.00–0.50	Soil	N	—	—	—	0.0465 (J)	—	—	—	—
MD21-03-50493	21-09008	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50494	21-09009	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50495	21-09009	2.00–3.00	Qbt 3	N	—	—	—	0.0618 (J)	—	—	—	0.0018
MD21-03-50496	21-09010	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50497	21-09010	3.50–4.50	Qbt 3	N	—	—	—	0.193 (J)	—	—	—	—
MD21-03-50498	21-09011	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50499	21-09011	2.00–3.00	Qbt 3	N	—	—	—	0.0455 (J)	—	—	—	—

Table 2.3-7 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Di-n-butylphthalate (mg/kg)	Di-n-octylphthalate (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	4-Isopropyltoluene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	Toluene (mg/kg)
MD21-03-50453	21-01920	3.50–4.50	Qbt 3	N	—	0.0485 (J)	—	—	—	—	—	—
MD21-03-50455	21-01921	3.50–4.50	Qbt 3	N	—	—	—	0.0046 (J)	—	—	—	—
MD21-03-50457	21-01922	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50535	21-01922	3.50–4.50	Qbt 3	FD	—	—	—	—	—	—	—	—
MD21-03-50458	21-01923	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50459	21-01923	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50460	21-01924	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50461	21-01924	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50462	21-01925	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50463	21-01925	3.50–4.50	Qbt 3	N	—	—	—	—	0.00072 (J)	—	—	—
MD21-03-50464	21-01926	0.00–0.50	Soil	N	—	—	0.0229 (J)	—	—	—	0.0326 (J)	—
MD21-03-50465	21-01926	2.00–3.00	Qbt 3	N	—	—	—	—	0.00044 (J)	—	—	—
MD21-03-50466	21-01927	0.00–0.50	Soil	N	0.148 (J)	—	—	—	—	—	—	—
MD21-03-50467	21-01927	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50468	21-01928	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50469	21-01928	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50470	21-01929	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50471	21-01929	3.50–4.50	Qbt 3	N	—	—	—	—	0.0019	—	—	—
MD21-03-50472	21-01932	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50473	21-01932	3.50–4.50	Qbt 3	N	—	—	—	—	0.0118	—	—	0.00061 (J)
MD21-03-50474	21-01933	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50475	21-01933	2.00–3.00	Qbt 3	N	—	—	—	—	0.0035	—	—	0.00052 (J)
MD21-03-50476	21-01934	0.00–0.50	Soil	N	—	—	0.0555	0.0078 (J)	—	0.0258 (J)	0.0491	—

Table 2.3-7 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Di-n-butylphthalate (mg/kg)	Di-n-octylphthalate (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	4-Isopropyltoluene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	Toluene (mg/kg)
MD21-03-50477	21-01934	2.50–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50478	21-01935	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50479	21-01935	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50480	21-01936	0.00–0.50	Soil	N	0.0626 (J)	—	—	—	—	—	—	—
MD21-03-50481	21-01936	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50482	21-01939	0.00–0.50	Soil	N	—	—	—	—	0.00047 (J)	—	—	—
MD21-03-50538	21-01939	6.00–7.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50484	21-01940	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50485	21-01940	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50486	21-01941	0.00–0.50	Soil	N	—	—	0.0621	—	0.0012	0.0277 (J)	0.0588	—
MD21-03-50487	21-01941	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50514	21-03-21715	0.00–0.50	Soil	N	—	—	0.038	—	—	—	0.0333 (J)	—
MD21-03-50515	21-03-21715	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50512	21-03-21716	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50513	21-03-21716	2.00–3.00	Qbt 3	N	—	—	—	—	0.0038	—	—	—
MD21-03-50510	21-03-21717	0.00–0.50	Soil	N	—	—	—	—	0.0043 (J)	—	—	0.0015
MD21-03-50511	21-03-21717	2.00–3.00	Qbt 3	N	—	—	—	—	0.0014	—	—	0.00043 (J)
MD21-03-50508	21-03-21718	0.00–0.50	Soil	N	—	—	—	—	0.0021	—	—	0.00041 (J)
MD21-03-50509	21-03-21718	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50537	21-03-21718	2.00–3.00	Qbt 3	FD	—	—	—	—	—	—	—	—
MD21-03-50506	21-03-21719	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50507	21-03-21719	2.00–3.00	Qbt 3	N	—	—	—	—	0.00091 (J)	—	—	0.00055 (J)
MD21-03-50504	21-03-21720	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—

Table 2.3-7 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Di-n-butylphthalate (mg/kg)	Di-n-octylphthalate (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	4-Isopropyltoluene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	Toluene (mg/kg)
MD21-03-50505	21-03-21720	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50502	21-03-21721	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50503	21-03-21721	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50500	21-03-21722	0.00–0.50	Soil	N	—	—	—	—	0.00075 (J)	—	—	0.00093 (J)
MD21-03-50501	21-03-21722	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50524	21-03-21726	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50525	21-03-21726	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50548	21-03-21726	2.00–3.00	Qbt 3	FD	—	—	—	—	—	—	—	—
MD21-03-50522	21-03-21727	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50536	21-03-21727	0.00–0.50	Soil	FD	—	—	—	—	—	—	—	—
MD21-03-50523	21-03-21727	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50520	21-03-21728	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50521	21-03-21728	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50518	21-03-21729	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50519	21-03-21729	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50516	21-03-21730	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50517	21-03-21730	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50492	21-09008	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50493	21-09008	2.00–3.00	Qbt 3	N	—	—	—	—	—	—	—	—
MD21-03-50494	21-09009	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50495	21-09009	2.00–3.00	Qbt 3	N	—	—	—	—	0.0018	—	—	—
MD21-03-50496	21-09010	0.00–0.50	Soil	N	—	—	—	—	—	—	—	—
MD21-03-50497	21-09010	3.50–4.50	Qbt 3	N	—	—	—	—	—	—	—	—

Table 2.3-7 (continued)

Sample ID	Location ID	Depth (ft)	Media	Sample QC Type	Di-n-butylphthalate (mg/kg)	Di-n-octylphthalate (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	4-Isopropyltoluene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	Toluene (mg/kg)
MD21-03-50498	21-09011	0.00–0.50	Soil	N	0.0484 (J)	—	—	—	—	—	—	—
MD21-03-50499	21-09011	2.00–3.00	Qbt 3	N	—	—	—	—	0.0038	—	—	0.00058 (J)

[a] — = Result was not detected or not analyzed.

[b] N = Normal sample.

[c] FD = Field duplicate.

[d] J = The analyte was positively identified, and the associated numerical value is estimated to be more uncertain that would normally be expected for that analysis.

2.3.2.4 Summary of COPCs

Table 2.3-8 summarizes the COPCs identified for SWMU 21-013(d)-99. Inorganic chemicals and radionuclides are presented by media type (soil or tuff, the latter specified as Qbt3) because they are screened against medium-specific Laboratory BVs to determine if they are retained as COPCs.

2.3.3 Revised Site Conceptual Model

The preliminary site conceptual model presented in the VCA plan addendum and in Section 2.2.3 for SWMU 21-013(d)-99 identified that the primary mechanism of release is related to the former surface disposal operations at the site (LANL 2003, 75902). Surface and subsurface soil and tuff are the only media potentially impacted by residual contamination at the site. Observations made during 2003 VCA sampling activities support the preliminary conceptual model, to which no revisions are necessary.

2.3.3.1 Nature and Extent of Contamination

The 2003 VCA sample results were used to define the nature and extent of contamination at SWMU 21-013(d)-99. The distribution of COPCs was evaluated in terms of the conceptual site model, and the results of this evaluation are summarized below.

Inorganic Chemicals

Figure 2.3-2 shows the distribution of inorganic chemicals detected above BVs at SWMU 21-013(d)-99. Although several inorganic COPCs were detected above BVs in soil and/or tuff throughout the site, their distribution does not indicate any clear trends. There were only three sample locations where an inorganic chemical was detected above BVs in samples from both depth intervals. Mercury, lead, and barium were detected above BVs in both the shallow and deep samples from locations 21-03-21730, -01933, and -03-21719, respectively. In all three cases, concentrations decreased with depth.

In many sample locations at SWMU 21-013(d)-99, there is an entirely different set of inorganic COPCs detected above BVs in the deeper tuff sample relative to the surface soil (0 to 0.5 ft) sample, making it difficult to identify trends. This is often due to decreases in BVs from soil to tuff, rather than actual increases in concentrations with depth. The generally lower Qbt 3 BVs result in some inorganic chemicals exceeding BVs in the tuff but not the soil sample from the same location, although they are present at the same or higher concentrations in the soil.

The majority of inorganic COPCs detected above BVs are in tuff samples, which is inconsistent with the conceptual site model. The use of the site for surface debris disposal should result in relatively immobile COPCs, such as metals, being present at higher concentrations in the surface soil samples. Cadmium (detected in only one sample), lead, mercury, and zinc are the only inorganic COPCs that are detected above BVs more often in soil samples and decrease with depth, consistent with a surface contaminant source. Most of the remaining inorganic COPCs are detected above BVs in zero or one surface soil samples, but may be present in several tuff samples. It is difficult to explain this distribution in terms of the conceptual site model. It may be due to spatial variations in the Qbt 3 background, or possibly due to the presence of weathered tuff and/or soil or fracture-fill material present within a predominately tuff sample. This would result in sample values being skewed towards the generally higher soil BVs.

Table 2.3-8
Analytes Retained as COPCs, SWMU 21-013(d)-99

Analyte	Soil	Tuff	Rationale
Inorganic Chemicals			
Aluminum	—[a]	X[b]	Concentrations exceeded established BVs and failed statistical tests.
Arsenic	—	X	Concentrations exceeded established BVs and failed statistical tests.
Barium	—	X	Concentrations exceeded established BVs and failed statistical tests.
Cadmium	X	—	Concentrations exceeded established BVs and failed statistical tests.
Chromium	—	X	Concentrations exceeded established BVs and failed statistical tests.
Copper	—	X	Concentrations exceeded established BVs and failed statistical tests
Iron	—	X	Concentrations exceeded established BVs and failed statistical tests
Lead	X	X	Concentrations exceeded established BVs and failed statistical tests
Mercury	—	X	Concentrations exceeded established BVs; there is no background data set for comparison (for tuff).
Nickel	—	X	Concentrations exceeded established BVs and failed statistical tests.
Selenium	—	X	Concentrations exceeded established BVs and failed statistical tests.
Vanadium	—	X	Concentrations exceeded established BVs and failed statistical tests.
Zinc	X	—	Concentrations exceeded established BVs and failed statistical tests.
Radionuclides			
Americium-241	X	X	Concentrations exceeded established BVs for soil and was detected in tuff.
Plutonium-238	X	—	Concentrations exceeded established BVs.
Plutonium-239	X	X	Concentrations exceeded established BVs for soil and was detected in tuff.
Strontium-90	X	X	Concentrations exceeded established BVs for soil and was detected in tuff.
Tritium	X	X	Concentrations exceeded established BVs for soil and was detected in tuff.
Uranium-235	—	X	Concentrations exceeded established BVs for soil and was detected in tuff.
Organic Chemicals			
Bis(2-ethylhexyl)phthalate	NA[c]	NA	Concentrations detected in 51% of samples.
1,1-Dichloroethene	NA	NA	Concentrations detected in 22% of samples.
Fluoranthene	NA	NA	Concentrations detected in 5% of samples.
4-Isopropyltoluene	NA	NA	Concentrations detected in 20% of samples.
Pyrene	NA	NA	Concentrations detected in 5% of samples.
Toluene	NA	NA	Concentrations detected in 11% of samples.

[a] – = Eliminated as COPC for the specified medium.

[b] x = Retained as COPC the specified medium.

[c] NA = Not applicable; there are no medium specific BVs for organic chemicals.

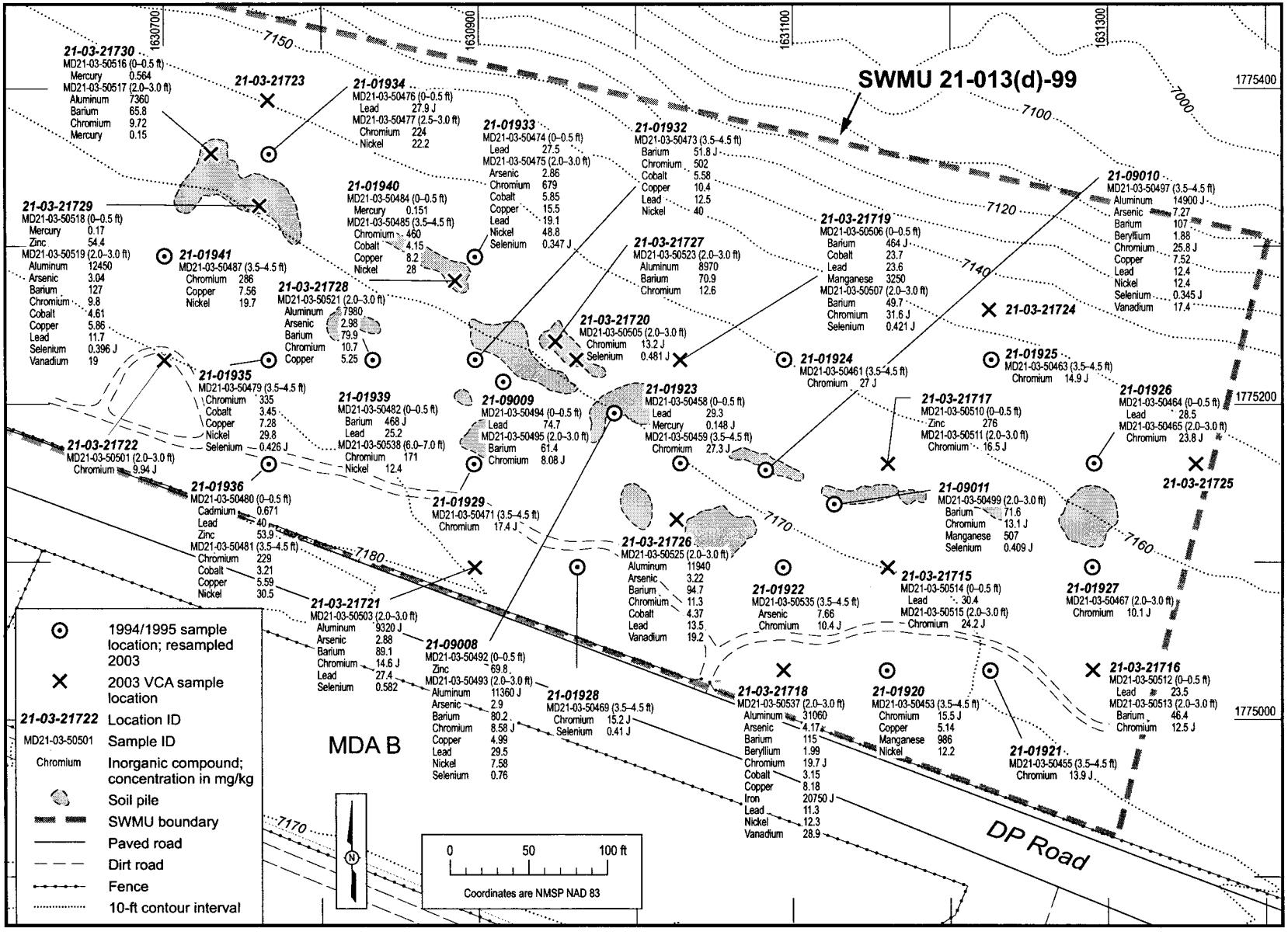


Figure 2.3-2. Inorganic chemical concentrations greater than BVs, SWMU 21-013(d)-99

Sources: FIMAD G107662 5/14/99
F2.3-2, 21-013(d)-99 VCA Rpt., 092503, cf

Chromium was consistently detected at concentrations significantly elevated relative to its Qbt 3 BV, yet was never detected above its soil BV in surface samples. Chromium concentrations exceeding 100 mg/kg are found in tuff, particularly in the western half of the site. In samples where chromium is present at concentrations in excess of 100 mg/kg, nickel and copper also tend to be present above BVs in Qbt 3, but likewise do not exceed BVs in any soil samples. The maximum concentrations of all three metals occur in the same sample (the 2 to 3 ft bgs sample at location 21-01933). Based on the conceptual site model and the relative immobility of these metals, these detections are difficult to explain and may be an artifact of the sampling method. As the stainless steel hand auger bucket was advanced in welded and partially welded tuff, abrasion of the hand auger material may have resulted in samples being cross-contaminated by these metals. The stainless steel used in the construction of the auger cylinder is composed of several weight percent chromium, nickel, and copper (source: Material Safety Data Sheet).

Regardless of the source or ill-defined trends of inorganic COPCs at the site, it is doubtful that they will migrate vertically. The insolubility of inorganic chemicals and the lack of moisture on the mesa top limit the infiltration into the subsurface and do not result in a pathway to groundwater.

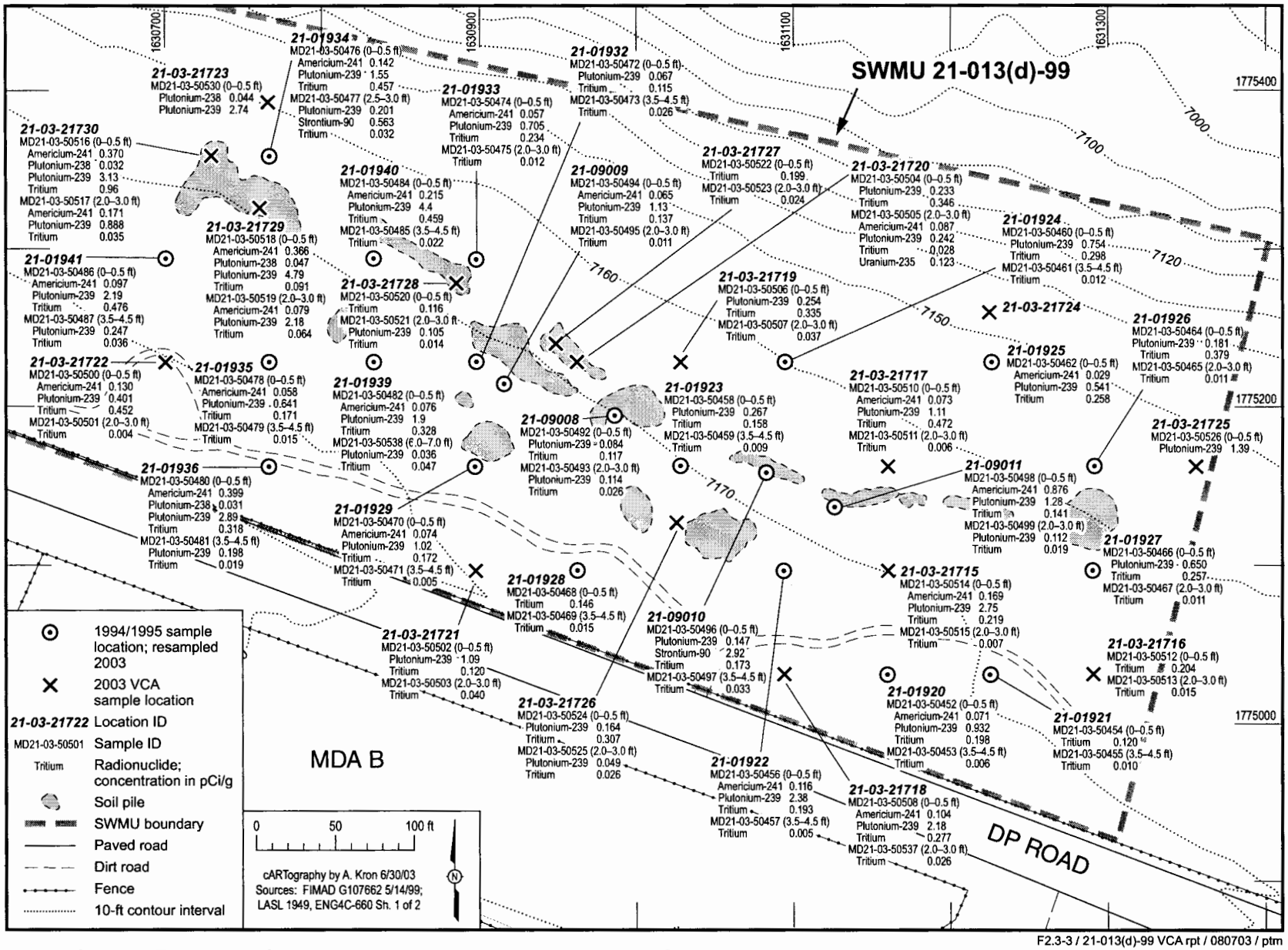
Based on the conceptual site model and previous activities at SWMU 21-013(d)-99, there is no reason to expect the concentrations of inorganic COPCs to exhibit lateral trends across the site. The use of the site for surface disposal would not result in a regular distribution of contaminants. In addition, because surface soils at the site have been disturbed at least twice (i.e., the apparent scraping that occurred prior to the 1994 RFI and the discing that was conducted as part of the 1995 VCA), any contaminated soils were likely to have been moved around the site. However, there is no increase of inorganic COPC concentrations towards DP Canyon, particularly in surface soils, indicating that surface runoff is not transporting inorganic COPCs into the canyon. In addition, there is little erosion at the site (see Appendix B and photographs in Appendix I).

Radionuclides

Figure 2.3-3 shows the locations of radionuclides detected above BVs at SWMU 21-013(d)-99. All of the radionuclide COPCs at SWMU 21-013(d)-99 are fallout radionuclides with the exception of uranium-235, which is naturally occurring. Radionuclide COPCs at SWMU 21-013(d)-99 were distributed with much greater regularity than the inorganic COPCs. In most cases, a subset of the radionuclides detected in surface soil samples was detected in the tuff samples from that same location.

The supervisor in charge of dumpsites used by Zia Company confirmed that radioactively contaminated materials were not disposed at "cold dumps", such as that operated at SWMU 21-013(d)-99 (LANL 1998, 58709.18). Nonetheless, the detected radionuclides at SWMU 21-013(d)-99 may be the result of disposal activities at the site, which would have been limited by the screening methods available at the time of debris disposal. They could also be the result of other industrial activities historically conducted at TA-21. The levels of radionuclides present in samples from SWMU 21-013(d)-99 are similar to those detected during TA-21 grid sampling to determine the effects of air emissions at TA-21 (SWMU 21-021-99). Consistent with both of these potential sources, nearly all of the radionuclides detected in site samples exhibited decreasing concentrations with depth.

Surface concentrations of plutonium-239 and tritium, the two most frequently detected radionuclides at SWMU 21-013(d)-99, are similar to concentrations seen in grid samples from "non-process" areas that had the potential to be affected by activities in more industrial portions of TA-21 (LANL 1995, 52350). Plutonium-239 was detected in site soil samples at a maximum concentration of 4.79 pCi/g and in TA-21 non-process areas up to 3.26 pCi/g (as plutonium-239/240); tritium was detected in site soil samples at a



F2.3-3 / 21-013(d)-99 VCA rpt / 080703 / ptm

Figure 2.3-3. Radionuclide concentrations greater than BVs/FVs, SWMU 21-013(d)-99

maximum concentration of 0.476 pCi/g and in TA-21 non-process areas up to 0.90 pCi/g (assuming a ten percent moisture content). Both these radionuclides exhibit consistent decreasing concentrations with depth.

Other fallout radionuclides are likewise present in site soil samples at concentrations similar to those for TA-21 non-process areas. Plutonium-238 was detected in site soil samples at a maximum concentration of 0.0467 pCi/g and in TA-21 non-process areas up to 1.05 pCi/g. Strontium-90 was detected above FVs in one soil sample (2.92 pCi/g), compared to a maximum of 3.26 pCi/g in TA-21 non-process areas. Plutonium-238 was not detected in any tuff samples from the site; strontium-90 was detected in only one (0.563 pCi/g).

Americium-241 was the only fallout radionuclide that was present in site samples at a concentration significantly higher than (i.e., more than double) those seen across TA-21 non-process areas. It was detected in site samples at a maximum concentration of 0.876 pCi/g, compared to the non-process are maximum of 0.37 pCi/g. It was detected in three tuff samples, exhibiting decreasing trends with depth in two and present at low concentrations in the third (0.0871 pCi/g).

Uranium-235, a naturally occurring isotope of uranium, was detected above BVs in tuff but not in surface soil. It was detected in only one tuff sample at a concentration above the BV for Qbt 3 (0.123 pCi/g versus a BV of 0.09 pCi/g).

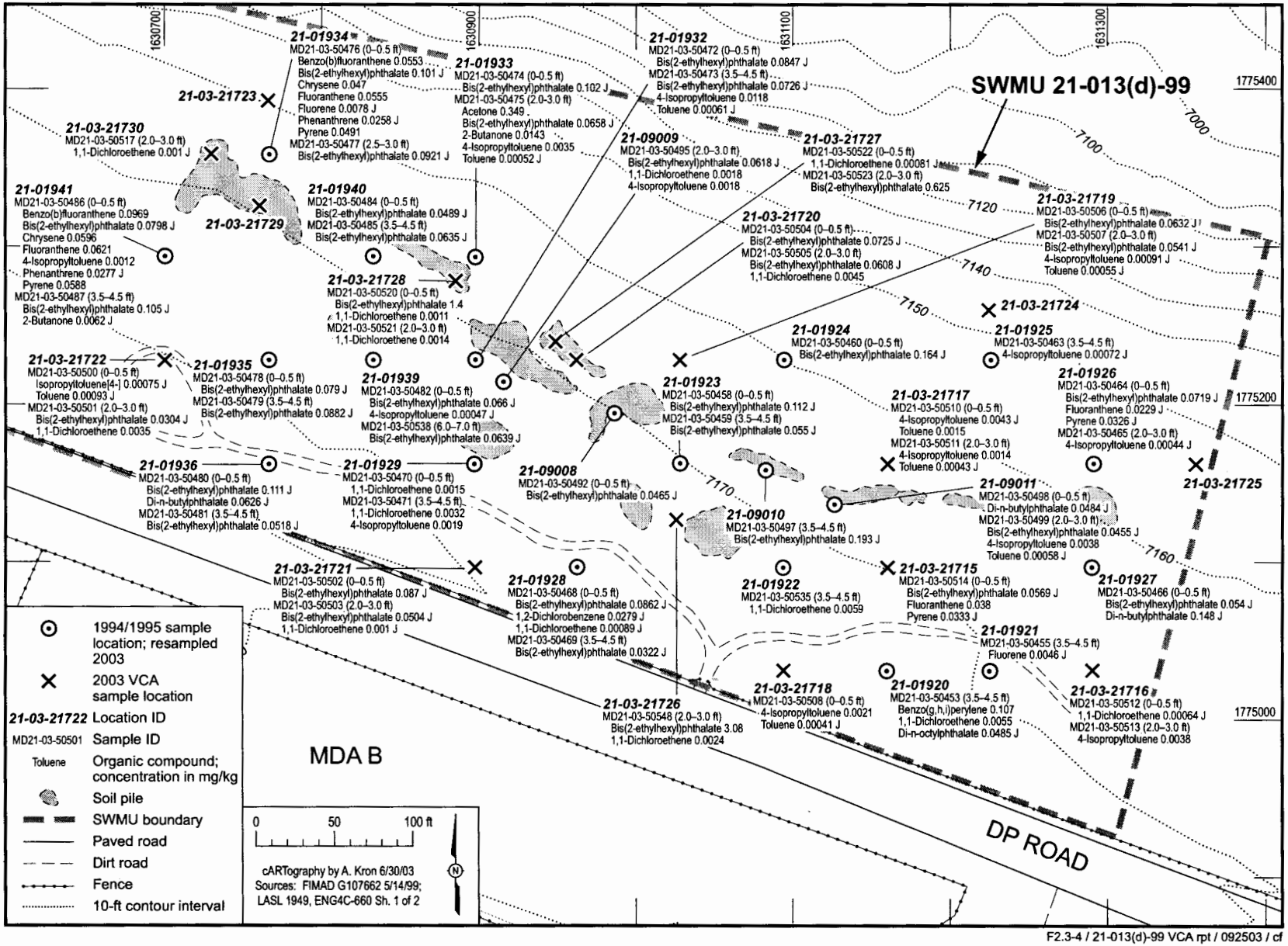
Organic Chemicals

Figure 2.3-4 shows the distribution of all detected organic chemicals at SWMU 21-013(d)-99. Similar to inorganic COPCs, the distribution of organic COPCs at SWMU 21-013(d)-99 often shows no clear trend. At several sample locations, there is no consistency between the organic COPCs detected in the shallow surface sample and those detected in the deeper tuff sample. The majority of organic chemicals were detected in less than five percent of site samples and most detected concentrations are reported at 0.1 mg/kg or less. Only bis(2-ethyhexyl)phthalate and some polycyclic aromatic hydrocarbons (PAHs) have distributions consistent with the conceptual site model.

Bis(2-ethylhexyl)phthalate was the most frequently detected organic COPC in site samples. This plasticizer was detected in over half of all site samples. Detections of bis(2-ethylhexyl)phthalate were evenly split between soil and tuff samples, and was most often detected in the range of 0.05 to 0.2 mg/kg. Three site samples had concentrations of bis(2-ethylhexyl)phthalate an order of magnitude or more above this range. With the exception of these three samples, all of the bis(2-ethylhexy)phthalate results were less than the EQL (0.43 mg/kg). Although bis(2-ethylhexyl)phthalate is a common laboratory contaminant, there was no evidence of this compound in field or laboratory blanks. Its presence may have been the result of disposal and subsequent photodegredation of plastics at the site.

Although several PAHs were detected in samples from SMWU 21-013(d)-99, only fluoranthene and pyrene were detected in more than five percent of site samples and were therefore retained as COPCs. All the PAHs were detected at trace concentrations (0.1 mg/kg or less) and are not widespread across the site. Consistent with the conceptual site model, these PAHs were detected only in surface soils (0 to 6 in. bgs) and are likely to be the result of asphalt disposal at the site.

The VOCs in surface soil were detected at trace concentrations (<0.1 mg/kg) and reflect residual levels of contamination. These VOCs were also detected in deeper tuff samples but are detected at trace concentrations (range of 0.03 mg/kg to 0.004 mg/kg). Although there are no clear vertical or lateral trends of VOCs (all detected concentrations are trace concentrations), the residual levels detected do not warrant further sampling for extent.



F2.3-4 / 21-013(d)-99 VCA rpt / 092503 / cf

Figure 2.3-4. Organic chemical concentrations, SWMU 21-013(d)-99

Summary of Nature and Extent of Contamination

Several inorganic, radionuclide, and organic COPCs have been identified for SWMU 21-013(d)-99. Often there is no clear trend in the distribution of these COPCs. The distribution of some metals (i.e., lead, mercury, and zinc), radionuclides, and PAHs are consistent with the conceptual site model. They are present primarily in surface soils and decrease in concentration or are not detectable in subsurface tuff samples. There is no evidence, however, that radioactively contaminated items were disposed at SWMU 21-013(d)-99, and detected radionuclides may be the result of fallout from industrial activities across TA-21. Other site COPCs, such as the VOCs that occur sporadically at the site, are likewise difficult to explain in terms of the site conceptual model and operational history and may also be the result of industrial activities at TA-21.

All of the COPCs, regardless of their distribution or potential source, are carried forward to the site assessment, presented in Section 2.4.

2.3.3.2 Environmental Fate and Transport

The evaluation of environmental fate addresses the chemical processes that affect the persistence of a chemical in the environment. Table 2.3-9 presents data on vapor pressure and solubility of the organic COPCs. The evaluation of transport addresses the physical processes that affect mobility along the migration pathway. Physicochemical properties such as solubility in water and vapor pressure are important in evaluating constituent mobility. The assessment of COPCs identified at SWMU 21-013(d)-99 assumes that inorganic and radionuclide COPCs are relatively immobile, nonvolatile, and resistant to degradation and therefore will tend to persist at the site. In contrast, organic COPCs are assumed to be relatively mobile, volatile, and highly prone to degradation and will not tend to persist at the site. This section discusses the fate and transport tendencies of organic chemicals (Ney 1995, 58210).

Table 2.3-9
Chemical Properties of Organic COPCs, SWMU 21-013(d)-99

Name	Vapor Pressure (mmHg)[a]	Water Solubility (g/100mL)[b]
Bis(2-ethylhexyl)phthalate	7.23×10^{-8}	3.4×10^{-5}
1,1-Dichloroethene	600	0.225
Fluoranthene	9.22×10^{-6}	2.65×10^{-5}
4-Isopropyltoluene	1.72	Insoluble[a]
Pyrene	8.92×10^{-5}	1.3×10^{-6}
Toluene	28.4	0.0526

[a] Toxnet (1999, 63385).
[b] ChemFinder.com (2003, 70072), except as noted.

Water Solubility. Water solubility is perhaps the most important chemical characteristic used to assess chemical mobility. The higher the water solubility of a chemical, the more likely it will be mobile and the less likely it will accumulate, bioaccumulate, volatilize, and persist in the environment. Chemicals with solubilities greater than 0.1g/100 mL are more prone to biodegradation and metabolism. Chemicals with water solubilities less than 0.001 g/100 mL are more likely to immobilize by way of adsorption.

Vapor Pressure. Chemicals with vapor pressures greater than 0.01 millimeter mercury (mmHg) are more likely to volatilize and diffuse through the soil pore gas with potential release to the atmosphere. Chemicals with vapor pressures less than 0.000001 mmHg are unlikely to volatilize and therefore will remain immobile.

Bis(2-ethylhexyl)phthalate, fluoranthene, 4-isopropyltoluene, and pyrene have low water solubilities and/or low vapor pressures, indicating that these chemicals are not highly mobile. Toluene and 1,1-dichloroethene have relatively high solubility and high vapor pressure, indicating that the dominant phase of these chemicals is gaseous and that they are present mainly in soil gas. With the exception of fluoranthene and pyrene, these organic chemicals biodegrade readily in soil under optimal conditions.

Based on a review of literature data, most organic chemicals listed in Table 2.3-9 biodegrade in soil (Howard et al. 1991, 57902). In addition, the amount of water percolating through the soil at the site is limited due to high evapotranspiration (ET) rates within the semiarid region. Based on this information and site conditions, it is unlikely that organic chemicals were transported off the site in the past and future off-site transport is not expected.

2.4 Site Assessments

2.4.1 Screening Assessments

A human health screening assessment was performed according to the process outlined in the approved IWP and the human health risk-based screening methodology (LANL 1998, 62060; LANL 2002, 72639). The ecological screening assessment was performed in accordance with the process outlined in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783).

2.4.1.1 Human Health

(a) Scoping

As discussed in Section 2.0, SWMU 21-013(d)-99 was used by construction contractors to dispose of construction-related debris. Although past and current land use is industrial, the human health screening assessment uses a residential scenario because there is a potential for public land use in the future. The residential scenario imbeds conservatism, allowing for eventual unrestricted use and release of the property.

Potential human exposure to contaminants at this site is considered low. Contamination is present in surface and subsurface soil and tuff (see Section 2.3.3, Revised Site Conceptual Model). Potential exposure pathways include inhalation of particulates or vapors, incidental ingestion of soil/tuff, and dermal contact with soil/tuff. Exposure pathways to the contaminated subsurface media are complete only if material is brought to the surface and makes direct contact with the potential receptors.

(b) Screening Evaluation

A screening assessment compares COPC concentrations with SALs. The SALs for nonradiological COPCs were calculated based on the methodology provided in Appendix C of the approved IWP (LANL 1998, 62060; LANL 2002, 72639) which is based on guidance from NMED (NMED 2000, 68554) and US Environmental Protection Agency (EPA) Region 6 (EPA 2002, 73691). The methodology for radionuclide SAL derivation is provided in "Updates To The Radionuclide Screening Action Levels (SALs) Based On RESRAD 6.21" (LANL 2002, 73705). A SAL comparison is presented separately for noncarcinogenic chemicals, carcinogenic chemicals, and radionuclides. SALs for noncarcinogens are based on a hazard

quotient (HQ) of 1.0; SALs for carcinogens are based on a target cancer risk of 1 X 10^{-6}; and SALs for radionuclides are based on a dose of 15 mrem/yr.

Samples were sufficient to calculate the 95% upper confidence limit (UCL) of the mean (95% UCL) as the exposure point concentration for each COPC. The 95% UCL is intended as an upper limit to the average exposure concentration for receptors that represent actual site wide COPC concentrations better than maximum values (EPA 1989, 08021). Field duplicates and rejected data were not included in the risk analysis. All other data were used in the calculation of the 95% UCL for each COPC. For all COPCs, undetected results were evaluated as one-half the detection limit (or minimum detectable activity) (EPA 1989, 08021). The 95% UCL concentration of each COPC was compared with its corresponding SAL for carcinogens and radionuclides, and 0.1 the SAL for noncarcinogens. Table 2.4-1 compares noncarcinogen COPCs with SALs, Table 2.4-2 compares carcinogen COPCs with SALs, and Table 2.4-3 compares radionuclide COPCs with SALs.

Table 2.4-1
Comparison of Noncarcinogenic COPCs with SALs, SWMU 21-013(d)-99

COPC	95% UCL Concentration (mg/kg)	0.1 SAL (mg/kg)	SAL (mg/kg)
Inorganic Chemicals			
Aluminum	8699	**7400**[a]	74000
Barium	101	520	5200
Cadmium	0.46	7.0	70
Copper	5.74	280	2800
Iron	9665	**2300**	23000
Lead	16.5	40	400
Mercury	0.05	2.3	23
Nickel	9.59	150	1500
Selenium	0.48	38	380
Vanadium	15.3	53	530
Zinc	41.5	2300	23000
Organic Chemicals			
Fluoranthene	0.02	230	2300
4-Isopropyltoluene[b]	0.0013	16	160
Pyrene	0.021	180	1800
Toluene	0.0006	18	180

[a] Bold indicates 0.1 SAL is exceeded by 95% UCL.

[b] No SAL was available for 4-isopropyltoluene; isopropylbenzene was used as a surrogate, based on structural similarity.

Table 2.4-2
Comparison of Carcinogenic COPCs with SALs, SWMU 21-013(d)-99

COPC	95% UCL Concentration (mg/kg)	0.1 SAL (mg/kg)	SAL (mg/kg)
Inorganic Chemicals			
Arsenic	2.97	0.039	**0.39**
Chromium	73.2	21	210
Organic Chemicals			
Bis(2-ethylhexyl)phthalate	0.15	3.5	35
1,1-Dichloroethene	0.001	0.081	0.81

Note: Bold indicates 0.1 SAL is exceeded by 95% UCL.

Table 2.4-3
Comparison of Radionuclide COPCs with SALs, SWMU 21-013(d)-99

COPC	95% UCL Concentration (pCi/g)	0.1 SAL (pCi/g)	SAL (pCi/g)
Americium-241	0.094	3.9	39
Plutonium-238	0.0084	4.9	49
Plutonium-239	0.94	4.4	44
Strontium-90	0.187	0.57	5.7
Tritium	0.159	89	890
Uranium-235	0.06	1.7	17

Appendix E provides details of the statistical calculations used in this assessment. Summary statistics for the COPCs are presented in Table E-2.3-1 of Appendix E.

Noncarcinogens identified in the data review were aluminum, barium, cadmium, copper, iron, lead, mercury, nickel, selenium, vanadium, zinc, fluoranthene, 4-isopropyltoluene, pyrene, and toluene. All noncarcinogenic COPCs had 95% UCL concentrations less than their respective SAL (Table 2.4-1). Two noncarcinogenic COPCs had 95% UCL concentrations greater than one-tenth their respective SALs (aluminum and iron). The sum of the ratio of each exposure point concentration divided by the respective SAL, i.e., the hazard index (HI), was 0.65, which is less than the NMED target level of 1.0 (NMED 2000, 68554).

Four carcinogens were identified in the data review: arsenic, chromium, bis(2-ethylhexyl)phthalate, and 1,1-dichloroethene. Arsenic showed a 95% UCL concentration greater than its SAL, while chromium, bis(2-ethylhexyl)phthalate and 1,1-dichloroethene had exposure point concentrations less than their respective SALs (Table 2.4-2). The sum of the ratios multiplied by 1×10^{-6}, i.e., the total incremental lifetime cancer risk (ILCR), is 8.0×10^{-6}. The total ILCR is below NMED's target level of 1×10^{-5} for cancer risk (NMED 2000, 68554).

The radionuclide COPCs (americium-241, plutonium-238, plutonium-239, strontium-90, tritium, and uranium-235) have 95% UCL concentrations at least 1 order of magnitude less than their respective SALs

(Table 2.4-3). The total dose is approximately 0.9 mrem/yr, which is less than the dose limit of 15 mrem/yr (DOE 2000, 67489).

(c) Uncertainty Analysis

The analysis presented in this human health screening assessment is subject to varying degrees and kinds of uncertainty. Aspects of data evaluation and COPC identification, exposure assessment, toxicity assessment, and the additive approach all contribute to uncertainties in the risk assessment process.

Data Evaluation and COPC Identification Process

Uncertainties associated with the data include errors in sampling, laboratory analysis, and data analysis. For this SWMU, these uncertainties are expected to have little effect on the results even though many detected COPC concentrations were qualified "J," indicating the values were less than EQLs and could only be estimated.

Exposure Assessment

Three main uncertainties were identified in the exposure assessment process.

Identification of Receptors. Current land-use and activity patterns are not represented by the activities assumed in a residential land-use scenario; therefore, uncertainties in the assessment of risk to human receptors are introduced. If a potentially exposed individual is an industrial worker, a residential-scenario-based screening assessment overestimates exposure and, subsequently, overestimates potential hazard and risk calculations. If land use changes to residential then this assessment is representative of this potential land use.

Exposure Pathway Assumptions. For each exposure pathway, assumptions are made concerning input parameters, routes of exposure, amount of contaminated media to which an individual can be exposed, and intake rates for different routes of exposure. In the absence of site-specific data, the exposure assumptions used were consistent with EPA-approved parameters and default values (EPA 2002, 73691). When upper-bound values are combined to estimate exposure for any one pathway, the resulting risk can exceed the 99th percentile of "expected risk" and therefore exceed the range of risk that reasonably may be expected for a site.

Derivation of Exposure Point Concentrations. Some uncertainty was introduced in the aggregation of data for estimating representative COPC concentrations at the site. The 95% UCL represents the overall exposure of the receptors to COPC concentrations across the entire site, rather than exposure at a single location. The use of the 95% UCL is intended to provide an upper (e.g., conservative) bound on the average COPC concentration at the site, potentially leading to an overestimation of the concentration representative of average exposure over an entire site. This practice also may result in an overestimation of the potential risk to human health at the site.

Toxicity Values

The primary uncertainty associated with the SALs is related to the derivation of toxicity values used in the calculation. EPA toxicity values (reference doses [RfDs] and slope factors [SFs]) were used to derive the nonradiological SALs used in this risk screening assessment (EPA 2002, 73691; NMED 2000, 68554). Uncertainties were identified in three areas with respect to the toxicity values: (1) extrapolation from animals to humans, (2) extrapolation from one route of exposure to another, and (3) individual variability in the human population.

1. *Extrapolation from Animals to Humans.* SFs and RfDs often are based on the extrapolation of human data from animal data, which may result in uncertainties in toxicity values due to differences in chemical absorption, metabolism, excretion, and toxic response between animals and humans. EPA considers differences in body weight, surface area, and pharmacokinetic relationships between animals and humans in order to minimize the potential to underestimate a dose-response relationship; however, conservatism usually is incorporated in each of these steps, which results in overestimations of potential risk.

2. *Extrapolation from One Route of Exposure to Another Route of Exposure.* SFs and RfDs often contain extrapolations from one route of exposure to another that result in additional conservatisms used in risk calculations. For example, an extrapolation from the oral route to the inhalation and/or the dermal route was used to calculate SALs; differences between the two exposure pathways contribute to uncertainty in the estimation of potential risk at this site (EPA 2002, 73691).

3. *Individual Variability in the Human Population.* For noncarcinogenic effects, the degree of variability in human physical characteristics is important both in determining risks that can be expected at low exposures and in defining the no-observed-adverse-effect level (NOAEL). The NOAEL/uncertainty factor approach incorporates a 10-fold factor to reflect individual variability within the human population that can contribute to uncertainty in a risk assessment; this factor of 10 generally results in a conservative estimate of risk from noncarcinogenic COPCs.

Additive Approach

For noncarcinogens, the effects of exposure to multiple chemicals generally are unknown and possible interactions could be additive, synergistic, or antagonistic, resulting in either overestimation or underestimation of potential risk. Additionally, RfDs used in risk calculations typically are not based on the same endpoints with respect to severity, effects, or target organs. Therefore, the potential for noncarcinogenic effects can be overestimated for individual COPCs that act by different mechanisms and on different target organs but are addressed additively. The 95% UCL for arsenic (2.97 mg/kg) is within the range of soil and tuff background concentrations (0.3 to 9.3 mg/kg and 0.25 to 5 mg/kg, respectively) (LANL 1998, 59730). Therefore, the risk estimated for arsenic is similar to risk from background and the ILCR (8×10^{-6}) is overestimated at this site. If the arsenic risk (7.6×10^{-6}) is not included in the ILCR, the risk is approximately 4×10^{-7}).

Interpretation

COPC concentrations were less than their respective SALs for noncarcinogens, carcinogens, and radionuclides, with the exception of arsenic. Aluminum and iron exceeded 0.1 SAL but were less than the SALs. The HI (0.65) is less than NMED's target level or 1.0, the total ILCR (8×10^{-6}) is less than NMED's target level of 10^{-5}, and the radiological dose (0.9 mrem/yr) is less than DOE's target dose of 15 mrem/yr (NMED 2000, 68554; DOE 2000, 67489). The potential risk and dose levels estimated for SWMU 21-013(d)-99 are based on a residential exposure and indicate that there is no potential unacceptable risk to human health at this site.

2.4.1.2 Ecological

(a) Scoping

The scoping evaluation is designed to establish the breadth and focus of the ecological screening process and is based on the ecological scoping checklist in Appendix F. An ecological scoping checklist

(Appendix F) was completed for SWMU 21-013(d)-99 early in the assessment process for organizing ecological information relevant to the site (LANL 2003, 75902). This information was used to determine whether SWMU 21-013(d)-99 should be aggregated with other SWMUs, identify the type of ecological receptors that may be present at the site, develop an ecological site conceptual model (ESCM), and determine whether ecological receptors might be affected by residual site contamination.

No SWMUs or AOCs have been identified immediately upgradient or downgradient of SWMU 21-013(d)-99 that may be affected or impacted by residual site contamination; this site should not be aggregated with other sites. Other SWMUs located across the roadway include: 21-018(a)-99 (MDA V), 21-015 (MDA B), and 21-027(d)-99. The north-trending slope of SWMU 21-013(d)-99 directs runoff away from the roadway, preventing surface flow across SWMU 21-013(d)-99 from impacting other SWMUs. Similarly, the south-trending slopes of the nearby SWMUs also direct surface flow away from SWMU 21-013(d)-99. Numerous SWMUs are located within the nearby TA-21 facility complex, including 21-021-99, a consolidated SWMU that represents potential surface soil contamination from historical airborne releases from incinerators, stacks, and filter houses at TA-21.

SWMU 21-013(d)-99 exists within the ecological transition zone of the piñon-juniper woodlands and ponderosa pine woodlands. Thus, the overstory contains piñon, juniper, and ponderosa pine. Scrub oak and grasses are the prominent understory species at the site. In some areas within the SWMU, particularly towards the southern end of the site, thin soils or exposed tuff lack vegetative cover. SWMU 21-013(d)-99 is adjacent to core Mexican spotted owl habitat for nesting and foraging, though nesting owls are not present in and around this SWMU (Noll 2002, 76070). Information provided by the Laboratory's Ecology Group (RRES-ECO) identified no threatened and endangered (T&E) species expected to use the site. No T&E species were observed during the site visit conducted for the ecological scoping checklist (Appendix F). Evidence that the site is used by small, burrowing mammals (e.g., soil mounding) was noted during the site visit; other terrestrial wildlife receptors also use the site. However, heavy weekday road traffic and industrial activity at facilities along the road likely limit use of the site by larger, more mobile receptors (e.g., fox and elk) to infrequent foraging.

No new information exists to warrant modifying the ESCM contained within the original ecological scoping checklist (Appendix H). Potential ecological receptors identified for SWMU 21-013(d)-99 include terrestrial wildlife receptors that are expected to utilize the piñon-juniper/ponderosa pine habitat (rodents, small carnivores, and various species of woodland birds such as jays and woodpeckers) and plants.

(b) Screening Evaluation

The screening evaluation is designed to identify chemicals of potential ecological concern (COPECs) and is based primarily on the comparison of representative COPC concentrations at the site to chemical concentrations determined not potentially harmful to ecological receptors. This comparison is summarized in the calculation of HQs for all COPCs and all appropriate screening receptors.

This screening assessment evaluates eight terrestrial receptors that represent several feeding guilds and trophic levels:

- plant
- soil-dwelling invertebrates (represented by the earthworm)
- deer mouse (mammalian omnivore)
- vagrant shrew (mammalian insectivore)
- desert cottontail (mammalian herbivore)

- fox (mammalian carnivore)
- American robin (avian insectivore, omnivore, and herbivore)
- American kestrel (avian insectivore and carnivore), as a surrogate for T&E species

An HQ is the ratio of the representative contaminant concentration in the exposure medium under investigation to the dose that has been determined potentially acceptable to a given ecological receptor. Potentially acceptable dose levels in the screening evaluation are termed ESLs. The higher the contaminant levels relative to the ESLs, the higher the potential risk to receptors; conversely, the higher the ESLs relative to the contaminant levels, the lower the potential risk to receptors. HQs were calculated as the ratios of the 95% UCL COPC concentrations to the lowest available ESLs (Table 2.4-4). ESLs were obtained from the Laboratory ECORISK database, version 1.5 and are presented in Appendix F (LANL 2002, 73702). HQs greater than 0.3 and chemicals without associated ESLs were identified as COPECs and require additional evaluation (LANL 1999, 64783). The HI is the sum of HQs; an HI greater than 1.0 is considered an indication of potential adverse impacts to a given receptor due to exposure to multiple chemicals at a site. The HQ/HI analysis is a conservative indication of potential adverse effects and is designed to minimize the potential of overlooking possible COPECs at the site.

A screening evaluation was conducted for this site because some potential exposure pathways are complete for some receptors. The screening process generally uses COPC concentrations from 0 to 5 ft bgs as representing the exposure to receptors. However, because all but one sample were collected from 0 to 5 ft bgs (one sample was collected from the 6- to 7-ft interval), all soil and tuff samples were included in the risk analysis.

Twelve COPCs were identified as COPECs because (1) the HQ based on the 95% UCL concentration and final ESL exceeded 0.3 or (2) no ESL was available. These COPCs are arsenic, barium, cadmium, chromium, copper, iron, mercury, nickel, selenium, vanadium, zinc, and 4-isopropyltoluene. Twelve COPCs were eliminated as COPECs because the HQ was less than 0.3 (lead, bis[2-ethylhexyl]phthalate, 1,1-dichloroethene, fluoranthene, pyrene, toluene, americium-241, plutonium-238, plutonium-239, strontium-90, tritium, and uranium-235). Although aluminum is a COPC, EPA guidance states that aluminum "is identified as a COPC only at sites where the soil pH is less than 5.5" (EPA 2000, 73306). According to a soil survey of Los Alamos County, the soil pH on the mesa tops ranges from 6.5 to 7.8 (Nyhan et al. 1978, 05702), indicating that aluminum at SWMU 21-013(d)-99 is unavailable to ecological receptors and can be eliminated as a COPEC.

The COPECs were evaluated further by calculating the HQs for each COPEC-receptor combination in addition to the HI for each receptor (Table 2.4-5). The HI can clarify the potential for adverse effects to ecological receptors by identifying how many receptors potentially may be affected by residual contaminant concentrations at a site and the largest chemical contributors to potential risk, as well as assessing potential risk to T&E surrogate species.

HI values for terrestrial receptors range from 0.13 for the top carnivore (American kestrel) to 552 for the plant. Cadmium contributes most to the HI for the avian receptors (robin and kestrel—all feeding strategies); zinc contributes most to the desert cottontail, deer mouse, and vagrant shrew HI; vanadium is the greatest HI contributor to the plant; and chromium is the greatest HI contributor to the invertebrate.

Table 2.4-4
HQs for Final Terrestrial Receptor ESLs, SWMU 21-013(d)-99

COPC	95% UCL Concentration (mg/kg)	Final ESL (mg/kg)	Receptor	HQ	COPEC?
Inorganic Chemicals					
Arsenic	2.97	0.83[a]	Vagrant shrew	**3.58**[b]	Yes
Barium	101	2.50[a]	Vagrant shrew	**40.4**	Yes
Cadmium	0.46	0.0047[a]	Vagrant shrew	**97.9**	Yes
Chromium	73.2	1.40[a]	Invertebrate	**52.3**	Yes
Copper	5.74	10.0[a]	Plant	**0.57**	Yes
Iron	9,665	—[c]	—	—	Yes
Lead	16.5	100	Vagrant shrew	0.17	No
Mercury	0.05	0.05[a]	Invertebrate	**1.00**	Yes
Nickel	9.59	1.50[a]	Vagrant shrew	**6.39**	Yes
Selenium	0.48	0.10[a]	Plant	**4.80**	Yes
Vanadium	15.3	0.03[a]	Plant	**510**	Yes
Zinc	41.5	0.19[a]	Vagrant shrew	**218**	Yes
Organic Chemicals					
Bis(2-ethylhexyl) phthalate	0.15	1.00	Vagrant shrew	0.15	No
1,1-Dichloroethene	0.001	63.0	Deer mouse	1.59E-05	No
Fluoranthene	0.02	26	Vagrant shrew	7.69E-04	No
4-Isopropyltoluene	0.0013	—	—	—	Yes
Pyrene	0.021	15	Vagrant shrew	0.0014	No
Toluene	0.0006	70	Vagrant shrew	8.57E-06	No
Radionuclides (pCi/g)					
Americium-241	0.094	44	Invertebrate	0.0021	No
Plutonium-238	0.0084	44	Invertebrate	1.91E-04	No
Plutonium-239	0.94	47	Invertebrate	0.02	No
Strontium-90	0.187	560	Red fox	3.34E-04	No
Tritium	0.159	36,000	Plant	4.42E-06	No
Uranium-235	0.06	55	Invertebrate	0.0011	No

[a] ESL value is below background value.
[b] Bold indicates HQ > 0.3.
[c] — = no ESLs are available for this analyte.

Table 2.4-5
HI Summary for Terrestrial Receptors, SWMU 21-013(d)-99

COPEC	95% UCL	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Arsenic	2.97	0.30	0.44	0.16	0.09	0.03	0.001	0.02	0.14	1.75	3.58	0.03
Barium	101	1.01	—[a]	0.44	0.27	0.10	0.002	0.06	2.89	22.0	40.4	0.23
Cadmium	0.46	0.46	0.05	61.3	35.4	4.95	0.07	8.68	3.07	50.5	97.9	0.12
Chromium	73.2	30.5	52.3	0.16	0.13	0.11	0.006	0.01	0.009	0.03	0.10	0.004
Copper	5.74	0.57	0.44	0.23	0.29	0.34	0.004	0.03	0.006	0.01	0.01	0.0002
Mercury	0.05	0.001	1.00	0.08	0.06	0.04	0.004	0.01	0.0002	0.001	0.003	0.0001
Nickel	9.59	0.48	0.10	0.03	0.02	0.02	0.0007	0.003	0.74	2.66	6.39	0.18
Selenium	0.48	4.80	0.06	0.44	0.24	0.05	0.003	0.06	0.009	0.25	0.53	0.004
Vanadium	15.3	510	---	5.46	3.00	0.55	0.03	0.73	0.02	0.77	1.59	0.01
Zinc	41.5	4.15	0.12	0.43	0.32	0.20	0.008	0.06	41.5	148	218	3.46
	HI	**552**[b]	**54.5**	**68.8**	**39.8**	**6.37**	0.13	**9.66**	**48.4**	**226**	**369**	**4.04**

[a] — = no ESL is available for this analyte.

[b] Bold values indicate HI > 1.0

(c) Uncertainty Analysis

Several factors contribute to the uncertainty associated with the assessment of potential ecological risk at SWMU 21-013(d)-99. Uncertainty is inherent in all aspects of the risk process, including the selection of indicator species, the exposure estimation for selected receptors, the characterization of potential ecological effects related to exposure, and the final evaluation of risk to receptors. Conservative assumptions were incorporated into this screening evaluation to ensure that uncertainties do not lead to an underestimation of potential risk to ecological receptors at the site.

Five key uncertainties in this screening assessment have been identified.

1. *Data Evaluation and COPC Identification Process*. Uncertainties associated with data can include sampling, laboratory-analysis, and data-analysis errors. For this SWMU, these uncertainties are expected to have little effect on the results even though many detected COPC concentrations were qualified J, indicating the values were less than EQLs and could be estimated only.

2. *Derivation of Exposure Point Concentrations*. Some uncertainty was introduced in the aggregation of data for estimating representative COPC concentrations at the site. The 95% UCL represents the overall exposure of the receptors to COPC concentrations across the entire site, rather than exposure at a single location. The use of the 95% UCL is intended to provide an upper (i.e., conservative) bound on the average COPC concentration at the site, which potentially could lead to an overestimation of the concentration that is representative of average exposure over the entire site. This practice also may result in overestimation of potential risk to ecological receptors at the site.

3. *Exposure Media*. COPEC concentrations in tuff are largely unavailable to ecological receptors; because the rock matrix adsorbs contaminants, exposure pathways to COPECS in tuff are incomplete. Plant exposure to COPECs in tuff is limited to factures near the soil/tuff interface, which produces insufficient biomass to support an herbivore population. Additionally, the vegetation at this SWMU is healthy and lacks any observable contaminant-related stress to growth and vigor. Burrowing animals are restricted to the soil and do not penetrate into the tuff. Consequently, contaminants in tuff are unavailable to receptors and cannot cause adverse population-level effects. Although tuff weathering eventually will release these contaminants to make them available to receptors, COPEC concentrations in weathered tuff will be similar to or less than COPEC concentrations in soil.

4. *Selection of ESL Benchmarks*. ESLs for the vertebrate terrestrial receptors were based on species similar but typically not identical to species common to Laboratory habitats and were derived from experimentally determined NOAELs, no-observed-effect concentrations, lowest-observed-adverse-effect levels (LOAELs), lowest-observed-effect concentrations (LOECs), or doses or concentrations determined lethal to 50% of the test populations. Receptor-specific toxicological data often are unavailable, which requires extrapolating species-specific effects to site receptors from laboratory studies. Laboratory studies often are (1) limited to the evaluation of a single chemical and exposure pathway, (2) conducted in isolated and controlled conditions, and (3) conducted on individuals obtained from artificially maintained populations. Thus, the extrapolation of laboratory studies to wild populations introduces uncertainties in thresholds determined to potentially cause adverse effects to ecological receptors associated with a site. Conservative assumptions used to derive ESLs include 100% COPEC bioavailability, receptor maximum ingestion rate and minimum body weight, limited home ranges that result in 100%

exposure to representative COPEC concentrations determined for a site, and the potential for additive effects of exposure to multiple COPECs.

5. *Chemical Form of COPCs*. The investigation of SWMU 21-013(d)-99 did not identify the chemical form of the COPECs. Laboratory-derived toxicological data, as used in this assessment, typically are based on chemical forms not found in the environment (e.g., the most toxic and/or bioavailable chemical species). Inorganic nor organic chemicals are not expected to be 100% bioavailable in the natural environment due to their complexing with other chemicals and adsorption to soil-matrix surfaces.

The HQ and HI analyses presented in Table 2.4-5 are based on assumptions that each receptor will be exposed to contamination 100% of the time, which overestimates actual receptor exposure.

The 95% UCLs for the inorganic COPECs are within the range of Laboratory-wide background concentrations for soil and tuff (LANL 1998, 59730), with the exception of barium, chromium, nickel and selenium (Table 2.4-6). The barium, nickel, and selenium 95% UCLs are within the range of soil background concentrations but not tuff background concentrations (LANL 1998, 59730); nickel and selenium 95% UCLs are slightly above the maximum tuff background concentrations (9.6 mg/kg vs. 7 mg/kg and 0.48 mg/kg vs. 0.3 mg/kg, respectively). This indicates that the exposure to these COPECs across the site is similar to background and therefore does not pose a potential risk to receptors.

Table 2.4-6
Comparison of Exposure Concentrations to Maximum Background Concentrations, SWMU 21-013(d)-99

Analyte	95% UCL (mg/kg)	Maximum Soil Background Concentration[a] (mg/kg)	Maximum Tuff Background Concentration[a] (mg/kg)
Arsenic	2.97	9.3	5
Barium	101	410	51.6
Cadmium	0.46	2.6	1.8
Chromium	73.2	36.5	13
Copper	5.74	16	6.2
Iron	9665	36000	19500
Lead	16.5	28	15.5
Mercury	0.05	0.1	NA[b]
Nickel	9.59	29	7
Selenium	0.48	1.7	0.1
Vanadium	15.3	56.5	21
Zinc	41.5	75.5	65.6

[a] Maximum background concentrations (LANL1998, 59730).
[b] NA = Not available.

Table 2.4-7
HI Summary for Terrestrial Receptors Without ESLs Below Background, SWMU 21-013(d)-99

COPEC	95% UCL	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox
Arsenic	2.97	0.30	NC[a]	0.16	0.09	0.03	0.001	0.02	0.14	NC	NC	0.03
Barium	101	NC	—[b]	NC	0.27	0.10	0.002	0.06	NC	NC	NC	0.23
Cadmium	0.46	0.46	0.05	NC	NC	NC	0.07	NC	NC	NC	NC	0.12
Chromium	73.2	NC	NC	0.16	0.13	0.11	0.006	0.01	0.009	0.03	0.10	0.004
Copper	5.74	NC	NC	0.23	0.29	0.34	0.004	0.03	0.006	0.01	0.01	0.0002
Mercury	0.05	0.001	NC	0.08	0.06	0.04	0.004	0.01	0.0002	0.001	0.003	0.0001
Nickel	9.59	0.48	0.10	0.03	0.02	0.02	0.0007	0.003	NC	NC	NC	0.18
Selenium	0.48	NC	0.06	NC	0.24	0.05	0.003	0.06	0.01	0.25	NC	0.004
Vanadium	15.3	NC	—	NC	NC	NC	0.03	NC	0.02	NC	NC	0.01
Zinc	41.5	NC	0.12	0.43	0.32	0.20	0.01	0.06	NC	NC	NC	NC
	HI	**1.24**[c]	0.32	**1.08**	**1.42**	0.87	0.13	0.26	0.19	0.30	0.12	0.58

[a] NC = Not calculated because ESL is below BV.

[b] — = no ESL is available for this analyte.

[c] Bold values indicate HI > 1.0

Several of the HQs calculated for the inorganic COPECs are not meaningful estimations of potential risk because the ESLs are less than the soil and tuff BVs. Therefore, a second HI analysis was conducted after removing ESLs less than BVs (Table 2.4-7, "NC" entries). The HQs for the inorganic COPECs were equal to or less than 1.0 for all receptors. The plant, deer mouse, and vagrant shrew HQs were the most affected by the second analysis, i.e., more than half of the HQs were removed. However, visual observations during site visits found that the vegetative community is healthy and flourishing in and around the SWMU. Additionally, the burrowing activity of small rodents is restricted to soil where the concentrations are generally similar to background. Chromium was not detected above background in the soil but the 95% UCL is greater than the soil and tuff background concentrations. However, the wildlife HQs for chromium are less than 0.3. The results indicate that there are no potential impacts to plant. Furthermore, the HIs in Table 2.4-7 are less than 1.0 or between 1.0 and 2.0.

Based on the second HI analysis, arsenic, barium, chromium, mercury, selenium, and vanadium do not have any HQs greater than 0.3. Cadmium, copper, nickel, and zinc have one or two HQs greater than 0.3; none are greater than 0.5. The HIs range from 0.12 (vagrant shrew) to 1.42 (robin omnivore) (Table 2.4-7).

Given the conservative assumptions associated with the calculation of the ESLs, the similarity of the exposure concentrations to background concentrations, the low HQs for the second HI analysis (<1.0 for all COPECs), and the unavailability of COPECs in tuff, no inorganic COPECs are retained for SWMU 21-013(d)-99.

Two COPECs, iron and 4-isopropyltoluene, do not have ESLs. They are discussed separately below.

Iron

The 95% UCL for iron is 9665 mg/kg. This concentration is less than the iron BVs for soil and tuff (21,500 mg/kg and 14,500 mg/kg, respectively) and within the range of background concentrations for each media (LANL 1998, 59730). Therefore, exposure to iron across the SWMU is similar to background and it is not retained as a COPEC.

4-Isopropyltoluene

One organic COPEC (4-isopropyltoluene) was identified as a COPEC because no ESLs are available. In 15 of 74 samples from soil and tuff, 4-isopropyltoluene was detected at low concentrations (0.00044 to 0.0118 mg/kg), near or below EQLs. Ten of fifteen detections were from tuff samples and are not available to receptors. Residual concentrations of 4-isopropyltoluene at SWMU 21-013(d)-99 do not pose a potential risk to ecological receptors and it is not retained as a COPEC, given the low concentrations of 4-isopropyltoluene measured at the site, and the inaccessibility of 4-isopropyltoluene in tuff to ecological receptors.

Interpretation

Most COPECs identified at SWMU 21-013(d)-99 had HQs less than 0.3 and were eliminated from further evaluation (Table 2.4-8). Aluminum was not carried forward because the soil pH causes it to be unavailable to receptors. Eleven inorganic COPECs (arsenic, barium, cadmium, chromium, copper, iron, mercury, nickel, selenium, vanadium, and zinc) and one organic chemical (4-isopropyltoluene) were evaluated for potential ecological risk. Exposure concentrations for the inorganic COPECs were similar to background and many exceedances of the BVs were limited to tuff, which are unavailable to receptors. Elimination of HQs less than BVs resulted in no HQs >1.0 and HIs either <1.0 or between 1.0 and 2.0.

Therefore, 4-Isopropyltoluene does not present a potential risk to receptors because of the low level concentrations and their relative inaccessibility. Based on the ecological screening evaluation at SWMU 21-013(d)-99, no COPECs are retained and there is no potential risk to ecological receptors.

Table 2.4-8
Comparison of Exposure Concentrations to Maximum Background Concentrations

Analyte	95% UCL (mg/kg)	Maximum Soil Background Concentration[a] (mg/kg)	Maximum Tuff Background Concentration[a] (mg/kg)	Difference
Arsenic	2.97	9.3	5	< maximum concentrations
Barium	101	410	51.6	< soil max; ≈ 2x tuff maximum concentrations
Cadmium	0.46	2.6	1.8	< maximum concentrations
Chromium	73.2	36.5	13	≈ 2x and 6x maximum concentrations
Copper	5.74	16	6.2	< maximum concentrations
Iron	9665	36000	19500	< maximum concentrations
Lead	16.5	28	15.5	< soil max; ≈ = tuff maximum concentrations
Mercury	0.05	0.1	NA	< maximum concentrations
Nickel	9.59	29	7	< soil max; ≈ = tuff maximum concentrations
Selenium	0.48	1.7	0.1	< soil max; ≈ 5x tuff maximum concentrations
Vanadium	15.3	56.5	21	< maximum concentrations
Zinc	41.5	75.5	65.6	< maximum concentrations

[a] Maximum background concentrations (LANL 1998, 59730).
[b] NA = Not available.

2.4.2 Surface Water Assessments

On June 25, 1999, prior to consolidation of the sites into SWMU 21-013(d)-99, a surface water assessment was conducted at SWMUs 21-013(d) and 21-013(e). Based on slope, vegetation cover, and visible signs of erosion, an erosion matrix score of 24.9 was applied to both sites. These scores indicate a low potential for erosion. Appendix B provides the complete surface water assessment for each SWMU.

2.5 Conclusions and Recommendations

Chemical concentrations measured in the SWMU 21-013(d)-99 soil and tuff samples do not indicate that additional removal action or investigation activities are necessary. Investigative sampling has adequately defined the nature and extent of contamination at the site.

All COPCs retained by the data review process were screened for their potential risk to human and ecological receptors. The human health screening assessment determined that COPCs were less than their respective SALs except for arsenic. The ILCR from the SWMU was below the NMED target risk level of 1×10^{-5} and the HI was less than the NMED target level of 1.0. Total dose from radionuclides at the site was less than DOE's dose limit of 15 mrem/yr over background (NMED 2000, 68554; LANL 2002, 72639). The human health screening assessment, based on a residential exposure, concluded that residual concentrations of COPCs at SWMU 21-013(d)-99 pose no unacceptable risk to human receptors. The ecological screening assessment eliminated all COPECs at the site. The ecological screening

assessment concluded that the residual concentrations of COPECs at SWMU 21-013(d)-99 pose no potential unacceptable risk to ecological receptors.

Based on the results of the 2003 VCA, no further action (NFA) is recommended for SWMU 21-013(d)-99 based on NFA Criterion 5 (NMED 1998, 57897). This criterion states that a SWMU has been characterized and/or remediated in accordance with applicable state or federal regulations and that the available data indicate that chemicals of concern are either not present or are present at concentrations that would not pose a potential unacceptable risk to human health or the environment under current or projected future land use.

3.0 WASTE MANAGEMENT

All wastes were stored and managed in accordance with all applicable EPA, NMED, DOE, and Laboratory requirements. Because no remediation was required at SWMU 21-013(d)-99, most of the waste generated during the 2003 VCA activities was investigation-derived waste (IDW), including plastic sheeting, disposable personal protective equipment, and disposable sampling supplies. Approximately 55 gallons of IDW were generated. Per the Waste Characterization Strategy Form, the IDW was disposed of as non-hazardous waste at the municipal landfill. A very small amount of gasoline-contaminated soil (approximately 6 liters) was transported to TA-54 as New Mexico Special Waste. This waste stream was generated as a result of an approximately 100 ml gasoline spill that occurred during generator refueling.

4.0 REFERENCES

The following list includes all references cited in this addendum. Parenthetical information following each reference provides the author, publication date, and the ER record identification (ER ID) number. This information also is included in the citations in the text. ER ID numbers are assigned by RRES-RS (formerly the ER Project) to track records associated with the project. These numbers can be used to locate copies of the actual documents at the RRES-RS Records Processing Facility and, where applicable, with the RRES-RS project reference library titled "Reference Set for Material Disposal Areas, Technical Area 21."

Copies of the reference library are maintained at the NMED Hazardous Waste Bureau; the DOE Los Alamos Site Office; US Environmental Protection Agency, Region VI; and RRES-RS. This library is a living collection of documents that was developed to ensure that the administrative authority has all the necessary material to review the decisions and actions proposed in this document. However, documents previously submitted to the administrative authority are not included.

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Appendix A

Acronyms, Glossary, and Conversion Table

APPENDIX A ACRONYMS, GLOSSARY, AND CONVERSION TABLE

ACRONYMS

AUF	area-use factor
bgs	below ground surface
BMP	best management practice
BV	background value
COPC	chemical of potential concern
COPEC	chemical of potential ecological concern
CVAA	cold vapor atomic absorption spectroscopy
DOE	US Department of Energy
EDL	estimated detection limit
EPA	US Environmental Protection Agency
EQL	estimated quantitation limit
ER	environmental restoration
ESCM	ecological site conceptual model
ESH	Environment, safety, and health
ESL	ecological screening level
ET	evapotranspiration
FIMAD	Facility for Information Management, Analysis, and Display
FV	fallout value
GFAA	graphite furnace atomic absorption
GPS	global positioning system
HI	hazard index
HQ	hazard quotient
HSWA	Hazardous and Solid Waste Act
HWB	Hazardous Waste Bureau
IA	interim action
ICPES	inductively coupled plasma emission spectroscopy
ICPMS	inductively coupled plasma mass spectroscopy
ID	identification
IDW	investigation-derived waste
ILCR	incremental lifetime cancer risk
IS	internal standard
IWP	installation work plan

LAL	lower acceptance level
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
LIDAR	light detection and ranging
LOAEL	lowest observed adverse effect level
LOEC	lowest-observed-effect concentration
MDA	material disposal area
MDA	minimum detectable activity
MDC	minimum detectable concentration
mmHg	millimeter mercury
NFA	no further action
NMED	New Mexico Environment Department
NOAEL	no observed adverse effect level
OU	operable unit
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PPE	personal protective equipment
PRG	preliminary remediation goals
PRS	potential release site
QA	quality assurance
QC	quality control
RCRA	Resource Conservation and Recovery Act
RfD	reference dose
RFI	RCRA facility investigation
RPD	relative percent difference
RPF	Records Processing Facility
RRES-ECO	Risk Reduction and Environmental Stewardship-Ecology
RRES-RS	Risk Reduction and Environmental Stewardship-Remediation Services
RSI	request for supplemental information
SAL	screening action level
SF	slope factor
SOP	standard operating procedure
SOW	statement of work
SVOC	semivolatile organic compound

SWMU	solid waste management unit
SWRC	Solid Waste Regulatory Compliance Group
SWSC	sanitary wastewater system consolidation
T&E	threatened and endangered
TA	technical area
TAL	target analyte list
TCLP	toxicity characteristic leaching procedure
TPU	total propagated uncertainty
UCL	upper tolerance limit
VCA	voluntary corrective action
VOC	volatile organic compound
WRS	Wilcoxon Rank Sum

GLOSSARY

Background level. Naturally occurring concentrations (levels) of an inorganic chemical and naturally occurring radionuclides in soil, sediment, and tuff.

Background radiation. Amount of radioactivity naturally present in the environment, including cosmic rays from space and natural radiation from soils and rock.

Chemical of potential concern (COPC). Chemical, detected at a site, that has the potential to adversely affect human receptors due to its concentration, distribution, and mechanism of toxicity. A COPC remains a concern until exposure pathways and receptors are evaluated in a site-specific human health risk assessment.

Chemical of potential ecological concern (COPEC). Chemical, detected at a site, that has the potential to adversely affect ecological receptors due to its concentration, distribution, and mechanism of toxicity.

Groundwater. Water in a subsurface saturated zone; water beneath the regional water table.

Medium. Any media capable of absorbing or transporting constituents. Examples of media include tuffs, soils and sediments derived from these tuffs, surface water, soil water, groundwater, air, structural surfaces, and debris.

Operable unit (OU). At the Laboratory, one of 24 areas originally established for administering the ER Project. Set up as groups of potential release sites, the OUs were aggregated based on geographic proximity for the purpose of planning and conducting RCRA facility assessments and RCRA facility investigations. As the project matured, it became apparent that 24 were too many to allow efficient communication and to ensure consistency in approach. Therefore, in 1994, the 24 OUs were reduced to six administrative "field units."

Radionuclide. Nuclide (species of atom) that exhibits radioactivity.

RCRA facility investigation (RFI). Investigation that determines if a release has occurred and the nature and extent of the contamination at a hazardous waste facility. The RFI is generally equivalent to the

remedial investigation portion of the Comprehensive Environment Response, Compensation, and Liability Act (CERCLA) process.

Remediation. Process of reducing the concentration of a contaminant (or contaminants) in air, water, or soil media to a level that poses an acceptable risk to human health and the environment; the act of restoring a contaminated area to a usable condition based on specified standards.

Resource Conservation and Recovery Act (RCRA). Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act of 1976. (40 CFR 270.2)

Run-off. Portion of precipitation on a drainage area that is discharged from the area either by sheet flow or adjacent stream channels.

Run-on. Surface water flowing onto an area as a result of runoff occurring higher up the slope.

Screening action level (SAL). Medium-specific concentration level for a chemical derived using conservative criteria below for which it is generally assumed that there is no potential for unacceptable risk to human health. The derivation of a SAL is based on conservative exposure and land-use assumptions. However, if an applicable regulatory standard exists that is less than the value derived by risk-based computations, it will be used for the SAL.

Screening assessment. Process designed to determine whether contamination detected in a particular *medium* at a site may present a potentially unacceptable human-health and /or ecological *risk*. The assessment utilizes screening levels that are either human-health or ecologically based concentrations derived by using *chemical*-specific toxicity information and standardized exposure assumptions below which no additional actions are generally warranted.

Site characterization. Defining the pathways and methods of migration of the hazardous waste or constituents, including the media affected, the extent, direction and speed of the contaminants, complicating factors influencing movement, concentration profiles, etc.

Site conceptual model. Qualitative or quantitative description of sources of contamination, environmental transport pathways for contamination, and biota that may be impacted by contamination (called receptors) and whose relationships describe qualitatively or quantitatively the release of contamination from the sources, the movement of contamination along the pathways to the exposure points, and the uptake of contaminant by the receptors.

Solid waste management unit (SWMU). Any discernible unit at which solid wastes have been placed at any time, irrespective of whether the unit was intended for the management of solid or hazardous waste. Such units include any area at a facility at which solid wastes have been routinely and systematically released. This definition includes regulated units (i.e., landfills, surface impoundments, waste piles, and land treatment units) but does not include passive leakage or one-time spills from production areas and units in which wastes have not been managed (e.g., product storage areas).

Standard operating procedure (SOP). Document that details the method for an operation, analysis, or action with thoroughly prescribed techniques and steps, and is officially approved as the method for performing certain routine or repetitive tasks.

Target analyte. Element, chemical, or parameter, the concentration, mass, or magnitude of which is designed to be quantified by use of a particular test method.

Technical area (TA). Laboratory-established technical areas as administrative units for all its operations. There are currently 49 active TAs spread over 43 square miles.

Tuff. Compacted deposit of volcanic ash and dust that contains rock and mineral fragments accumulated during an eruption.

US Department of Energy (DOE). Federal agency that sponsors energy research and regulates nuclear materials for weapons production.

US Environmental Protection Agency (EPA). Federal agency responsible for enforcing environmental laws. While state regulatory agencies may be authorized to administer some of this responsibility, the EPA retains oversight authority to ensure protection of human health and the environment.

METRIC TO US CUSTOMARY UNIT CONVERSIONS

Multiply SI (Metric) Unit	by	To Obtain US Customary Unit
kilometers (km)	0.622	miles (mi)
kilometers (km)	3281	feet (ft)
meters (m)	3.281	feet (ft)
meters (m)	39.37	inches (in.)
centimeters (cm)	0.03281	feet (ft)
centimeters (cm)	0.394	inches (in.)
millimeters (mm)	0.0394	inches (in.)
micrometers or microns (μm)	0.0000394	inches (in.)
square kilometers (km^2)	0.3861	square miles (mi^2)
hectares (ha)	2.5	acres
square meters (m^2)	10.764	square feet (ft^2)
cubic meters (m^3)	35.31	cubic feet (ft^3)
kilograms (kg)	2.2046	pounds (lb)
grams (g)	0.0353	ounces (oz)
grams per cubic centimeter (g/cm^3)	62.422	pounds per cubic foot (lb/ft^3)
milligrams per kilogram (mg/kg)	1	parts per million (ppm)
micrograms per gram (μg/g)	1	parts per million (ppm)
liters (l)	0.26	gallons (gal.)
milligrams per liter (mg/l)	1	parts per million (ppm)
degrees Celsius (°C)	9/5 + 32	degrees Fahrenheit (°F)

Appendix B

Technical Area 21
Operational and Environmental Setting

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APPENDIX B TECHNICAL AREA 21 OPERATIONAL AND ENVIRONMENTAL SETTING

B-1.0 OPERATIONAL HISTORY AND LAND USE

During World War II, Los Alamos National Laboratory (the Laboratory) was established for the research, development, and testing of the first deliverable nuclear weapon. In 1945, the operations for establishing the chemical and metallurgical properties of the nuclear material necessary to achieve and sustain the required nuclear fission reaction were transferred to the newly built facilities at Technical Area (TA) 21.

TA-21 is located on DP Mesa on the northern boundary of the Laboratory and is immediately east-southeast of the Los Alamos townsite (Figure 1.0-1, Section 1 in the main body of this report). It extends from the mesa top to the stream channels in the adjacent canyons, with Delta Prime (DP) Canyon to the north and Los Alamos Canyon to the south.

TA-21 includes five material disposal areas (MDAs) (MDAs A, B, T, U, and V) and numerous solid waste management units (SWMUs) and areas of concern (AOCs) representing features such as septic tanks, sumps, pipelines, and outfalls. Process wastes, transuranic wastes, and liquid wastes were disposed of at the MDAs from the early 1940s until the late 1970s; details of the disposal methods are presented in the TA-21 operable unit (OU) work plan (LANL 1991, 7528). The major contributors to waste streams at TA-21 were plutonium-processing activities. However, because plutonium was scarce, waste-stream recycling became a common practice to remove as much plutonium as possible from the waste streams. Wide ranges of other chemicals were used for separation techniques and were present in the waste streams. Airborne emissions were released from some of the buildings at DP West and DP East; these emissions are also discussed in the TA-21 work plan (LANL 1991, 7528).

The location of SWMU 21-013(d)-99 is shown in Figure 1.0-1 (Section 1 of the main body of this report), and the site description and operational history are presented in Section 2.1 of the report.

B-2.0 CLIMATE

Los Alamos County has a semiarid, temperate mountain climate. Annual precipitation, including both rain and snow, averages about 18 in. Recorded extremes in annual precipitation range from 6.8 to 30.3 in. An average of 40% of the annual precipitation falls during thunderstorms in July and August, often in brief, high-intensity rains. A significant amount of surface water runoff may occur during these rainfall events. Daily rainfall extremes of 1 in. or greater occur in most years, and the estimated 100-yr daily rainfall extreme is about 2.5 in. Snowstorms with accumulations exceeding 4 in. are common in Los Alamos. Snowfall is greatest from December through March; heavy snowfall is infrequent in other months (Bowen 1990, 6899). The average snowfall is 51 in. annually.

Summers are generally sunny, with warm days and cool nights. Summer afternoon temperatures in Los Alamos County are typically in the 70s and 80s (°F), infrequently reaching 90°F; nighttime temperatures are typically in the 50s (°F). Typical winter temperatures range from 30°F to 50°F during the day and 15°F to 25°F during the night, occasionally dropping to 0°F or below (Bowen 1990, 6899).

Strong winds occur predominantly in the spring. The predominant wind direction, especially for strong winds, is south-southwest. Because of complex terrain, surface winds in Los Alamos often vary greatly with time of day and location. The winds toward the eastern edge of the Pajarito Plateau, near the Rio Grande Valley, differ from those at the western edge adjacent to the mountains. Along the eastern edge, the daily wind cycle is a moderate southwesterly up-valley wind during the day and either a light northwesterly to northerly wind or moderate southwesterly wind at night. Along the western edge of the plateau, predominant winds are southerly to northwesterly during the day and southwesterly to

northeasterly at night toward the Rio Grande Valley. No tornado touchdowns have been reported in Los Alamos County. Strong dust devils can produce winds up to 75 mph at isolated spots in the county, especially at lower elevations. Strong winds with gusts exceeding 60 mph are common during the spring.

B-3.0 GEOLOGY

TA-21 is centrally located on the Pajarito Plateau, approximately midway between the flanks of the Jemez Mountains to the west and the Rio Grande to the east. This section summarizes the geology of the area and the specific geology of TA-21. Additional information on the geologic setting of the TA-21 area and information on the Pajarito Plateau can be found in the installation work plan (LANL 1998, 62060), the TA-21 work plan (LANL 1991, 7528), and the hydrogeologic work plan (LANL 1998, 59599).

B-3.1 Stratigraphy

The following sections describe the rock units below the TA-21 area; these units were encountered during environmental restoration investigations at the TA. The descriptions begin with the oldest (deepest) and proceed to the youngest (topmost) (Figure B-3.1-1).

B-3.1.1 Santa Fe Group

The Santa Fe Group consists of predominately fluvial, slightly consolidated sedimentary rocks that crop out in the lower reaches of Los Alamos Canyon, along White Rock Canyon, and in extensive areas east of the Rio Grande. Galusha and Blick (1971, 21526) subdivided the Santa Fe Group into formations and members based on geologic mapping and faunal assemblages of late tertiary mammals. Manley (1979, 11714) refined their stratigraphy based on additional mapping and dates on interbedded volcanic ash layers, lava flows, and dikes. Cavazza (1989, 21501) proposed changes in stratigraphic nomenclature based on sedimentary facies pattern. In the vicinity of the Pajarito Plateau, the Santa Fe Group consists of the Tesuque Formation and overlying Chamita Formation.

B-3.1.1.1 Tesuque Formation

The Tesuque Formation is a massive, thick unit consisting of arkosic sediments, derived primarily from Precambrian basement and Tertiary volcanic sources to the east and northeast. This unit is light pink-to-buff siltstone and silty sandstone with a few lenses of pebbly conglomerate and clay. It is poorly to moderately consolidated and ranges in age from about 7 to 21 Myr (Manley 1979, 11714; Cavazza 1989, 21501). This formation exists in deep well boreholes under the Pajarito Plateau and is the primary aquifer for municipal and industrial water supply in Los Alamos County. Regional cross sections suggest that it does not exist beneath TA-21.

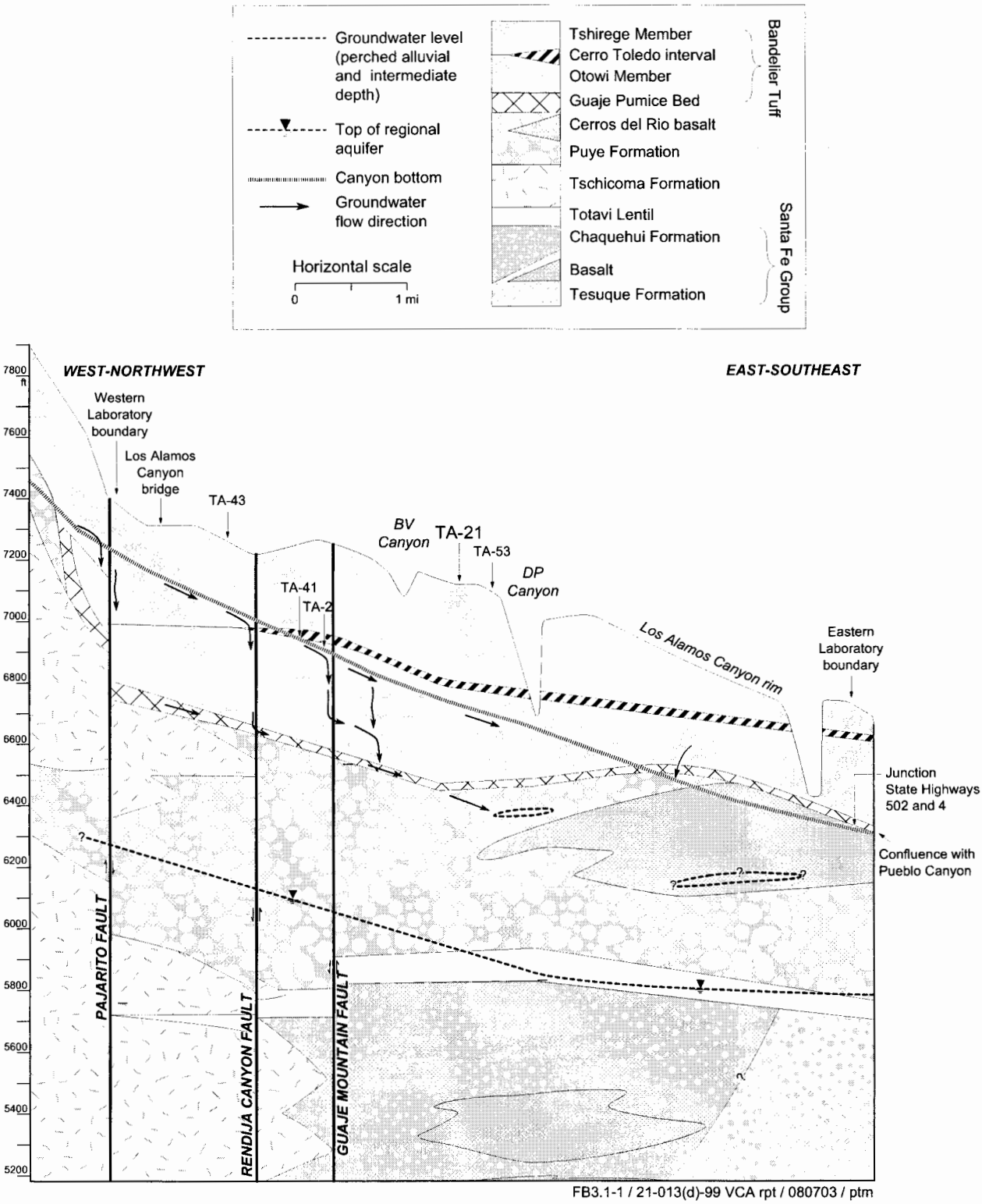

Figure B-3.1-1. Generalized stratigraphy beneath TA-21

B-3.1.1.2 Chamita Formation

The Chamita Formation overlies and interfingers with the Tesuque Formation. It consists of arkosic siltstones, sandstones, and pebbly conglomerate and includes two prominent beds of white ash. Because of similarities of appearance and interfingering relations, the differentiation of Chamita from Tesuque deposits is difficult in borehole investigations. The Chamita Formation does not outcrop in the area of TA-21, and regional cross sections suggest that it does not exist beneath TA-21. The estimated age ranges from 4.5 to 12 Myr. (MacFadden 1977, 21569; Manley 1979, 11714).

Purtymun (1995, 45344) describes a trough of late Miocene coarse-grained sediments at the top of the Santa Fe Group that postdates the Chamita Formation. Purtymun called these deposits the Chaquehui Formation, and they are important for the development of high-yield, low-drawdown municipal and industrial water supply wells for the Los Alamos area. The trough is 3 to 4 mi wide and extends 7 to 8 mi from the northeast to the southwest. It is filled with up to 1500 ft of gravels, cobbles, and boulders derived from highlands to the north and east. Regional cross sections suggest it exists beneath TA-21 and most of the Laboratory.

B-3.1.2 Puye Formation

The Puye Formation is a fanglomerate deposit consisting of poorly sorted boulders, cobbles, and coarse sands made up of dacitic to latitic debris eroded from the contemporaneous Tschicoma Formation (Turbeville et al. 1989, 21587; Spell et al. 1990, 21586). In the lower reaches of Los Alamos Canyon and along the Rio Grande, the Puye Formation also contains basaltic debris derived from contemporaneous volcanism and erosion of the Cerros del Rio volcanic field. The Puye Formation contains numerous interbedded lapilli tuff beds and laharic deposits. Lacustrine deposits are volumetrically significant in the distal parts of the fan. Regional cross sections show this deposit under TA-21.

The lower part of the Puye Formation includes the Totavi Lentil (Griggs 1964, 8795), a deposit of well-rounded cobbles and boulders of Precambrian quartzites and crystalline rocks. The Totavi Lentil probably represents channel deposits of the ancestral Rio Grande, and it may interfinger with the fanglomerate facies of the Puye Formation along White Rock Canyon.

B-3.1.3 Bandelier Tuff

The Bandelier Tuff under TA-21 consists of the Otowi and Tshirege Members, which are stratigraphically separated in many places by the tephras and volcaniclastic sediments of the Cerro Toledo interval. The Bandelier Tuff was emplaced during cataclysmic eruptions of the Valles Caldera from 1.61 to 1.22 Myr ago. The tuff is composed of pumice, minor rock fragments, and crystals supported in an ashy matrix. It is a prominent cliff-forming unit because of its generally strong consolidation. Because the Bandelier Tuff is the most prominent rock type on the Pajarito Plateau, its detailed stratigraphy is of considerable importance and is discussed further below (see also Broxton and Reneau 1995, 49726).

B-3.1.3.1 Otowi Member

Griggs (1964, 8795), Smith and Bailey (1966, 21584), Bailey et al. (1969, 21498), and Smith et al. (1970, 9752) describe the nature and extent of the Otowi Member. It consists of moderately consolidated (indurated), porous, and nonwelded vitric tuff (ignimbrite) that forms gentle, colluvium-covered slopes along the base of canyon walls. The Otowi ignimbrites contain light gray-to-orange pumice that is supported in a white-to-tan ash matrix (Broxton et al. 1995, 50119; Broxton et al. 1995, 50121; Goff 1995, 49682). The ash matrix consists of glass shards, broken pumice and crystal fragments, and fragments of perlite.

The Guaje Pumice Bed occurs at the base of the Otowi Member, making a significant and extensive marker horizon. The Guaje Pumice Bed contains well-sorted pumice fragments whose mean size varies from 0.8 to 1.6 in. (Bailey et al. 1969, 21498; Self et al. 1986, 21579). Its thickness averages approximately 28 ft below most of the plateau with local areas of thickening and thinning. Its distinctive white color and texture make it easily identifiable in borehole cuttings and core, and it is an important marker bed for the base of the Bandelier Tuff.

B-3.1.3.2 Tephras and Volcaniclastic Sediments of the Cerro Toledo Interval

The Cerro Toledo interval is an informal name given to a sequence of volcaniclastic sediments and tephras of mixed provenance that separates the Otowi and Tshirege Members of the Bandelier Tuff (Broxton et al. 1995, 50121; Broxton and Reneau 1995, 49726; Goff 1995, 49682). Although it is intercalated between the two members of the Bandelier Tuff, it is not considered part of that formation (Bailey et al. 1969, 21498). Outcrops of the Cerro Toledo interval generally occur where the top of the Otowi Member appears in Los Alamos Canyon and in canyons to the north; the interval outcrops in the TA-21 area. The unit contains primary volcanic deposits normally assigned to the Cerro Toledo rhyolite, as described by Smith et al. (1970, 9752), as well as intercalated and reworked volcaniclastic sediments not normally included in the Cerro Toledo rhyolite. The occurrence of the Cerro Toledo interval is widespread. However, its thickness is variable, ranging from several to more than 100 ft.

The predominant rock types in the Cerro Toledo interval at TA-21 are rhyolitic tuffaceous sediments and tephra (Broxton et al. 1995, 50121; Goff 1995, 49682; Heiken et al. 1986, 48638; Stix et al 1988, 49680). The tuffaceous sediments are the reworked equivalents of Cerro Toledo rhyolite tephra that erupted from the Cerro Toledo and Rabbit Mountain rhyolite domes located in the Sierra de los Valles. At TA-21, oxidation and clay-rich horizons suggest that at least two periods of soil development occurred within the Cerro Toledo deposits. Because these soils are rich in clay, they may act as barriers to the movement of vadose-zone groundwater. Some epiclastic tuffaceous deposits contain both crystal-poor and crystal-rich varieties of pumice. The ashy matrix of these deposits is commonly rich with crystals and contains subhedral sanadine and quartz. The mixed pumice and the crystal-rich nature of the matrix suggest that these reworked tuffs were derived from both the Cerro Toledo Rhyolite and the underlying Otowi Member. The pumice falls tend to form porous and permeable horizons within the Cerro Toledo interval, and they may locally provide important pathways for moisture transport in the vadose zone. A subordinate lithology within the Cerro Toledo interval includes clast-supported gravel, cobble, and boulder deposits made up of porphyritic dacite derived from the Tschicoma Formation. These deposits are interbedded with the tuffaceous rocks; in some deposits, dacitic materials are volumetrically more important than rhyolitic detritus (Broxton and Reneau 1996, 55429; Broxton et al. 1995, 50121; Goff 1995, 49682).

B-3.1.3.3 Tshirege Member

The Tshirege Member is the upper member of the Bandelier Tuff and is the most widely exposed bedrock unit of the Pajarito Plateau (Bailey et al. 1969, 21498; Griggs 1964, 8795; Smith and Bailey 1966, 21584; Smith et al. 1970, 9752). Emplacement of this unit occurred during eruptions of the Valles Caldera approximately 1.2 Myr ago (Izett and Obradovich 1994, 48817; Spell et al. 1996, 55542). The Tshirege Member is a multiple-flow, ash-and-pumice sheet that forms the prominent cliffs in most of the canyons on the Pajarito Plateau and at TA-21. It is a compound cooling unit whose physical properties vary vertically and laterally. The consolidation in this member is largely caused by compaction and welding at high temperatures after the tuff was emplaced. Its light brown, orange-brown, purplish, and white cliffs have numerous, mostly vertical fractures (called joints) that average between several feet and several tens of feet. The Tshirege Member includes thin but distinctive layers of bedded, sand-sized particles

called surge deposits that demark separate flow units within the tuff. The Tshirege Member is generally more than 200 ft thick.

The Tshirege Member differs from the Otowi Member most notably in its generally greater degree of welding compaction. Time breaks between the successive emplacement of flow units caused the tuff to cool as several distinct cooling units. For this reason, the Tshirege Member is a compound cooling unit, consisting of at least four cooling subunits that display variable physical properties vertically and horizontally (Smith and Bailey 1966, 21584; Crowe et al. 1978, 5720; Broxton et al. 1995, 50121). These variations in physical properties reflect zonal patterns of varying degrees of welding and glass crystallization that accompany welding (Smith 1960, 48819; Smith 1960, 48820). The welding and crystallization variabilities in the Tshirege Member produce recognizable vertical variations in its properties, such as density, porosity, hardness, composition, color, and surface-weathering patterns. The subunits are mappable based on a combination of hydrologic properties and lithologic characteristics.

The inconsistent use of subunit names for the Tshirege Member has resulted in some confusion (Baltz et al. 1963, 8402; Weir and Purtymun 1962, 11890; Crowe et al. 1978, 5720; Vaniman and Wohletz 1990, 21589; Vaniman 1991, 9995; Goff 1995, 49682; Broxton et al. 1995, 50121). To avoid confusion, this discussion follows the nomenclature of Broxton and Reneau (1995, 49726), which has been adopted by the Risk Reduction and Environmental Stewardship Division–Remediation Services (RRES-RS), formerly the Environmental Restoration (ER) Project.

Broxton et al. (1995, 50121) provide extensive descriptions of the Tshirege Member cooling units. The following paragraphs describe the subunits of the Tshirege Member in ascending order.

The Tsankawi Pumice Bed forms the base of the Tshirege Member. Where it is exposed, it is commonly 20–30 in. thick. This pumice-fall deposit contains moderately well-sorted pumice lapilli (to about 2.5 in. in diameter) in a crystal-rich matrix. Several thin ash beds are interbedded with the pumice-fall deposits.

Qbt 1g is the lowermost subunit of the thick ignimbrite sheet overlying the Tsankawi Pumice Bed. It consists of porous, nonwelded, and poorly sorted ash-flow tuffs. The *g* in this designation stands for glass because none of the glass in ash shards and pumices shows crystallization by devitrification or vapor-phase crystallization. This unit is poorly indurated but nonetheless forms steep cliffs because of a resistant bench near the top of the unit; the bench forms a harder, protective cap over the softer underlying tuffs. A thin (4- to 10-in.) pumice-poor surge deposit commonly occurs at the base of this unit.

Qbt 1v forms alternating cliff-like and sloping outcrops composed of porous, nonwelded, crystallized tuffs. The *v* stands for vapor-phase crystallization, which together with in situ devitrification, has converted much of the glass in shards and pumices into microcrystalline aggregates. The base of this unit is a thin, horizontal zone of preferential weathering that marks the abrupt transition from glassy tuffs below (in Unit 1g) to the crystallized tuffs above. This feature forms a widespread marker horizon (locally termed the vapor-phase notch) throughout the Pajarito Plateau, which is readily visible in canyon walls at TA-21. The lower part of Qbt 1v is orange-brown, is resistant to weathering, and has distinctive columnar (vertical) joints; therefore, the term *colonnade tuff* is appropriate for its description. A distinctive white band of alternating cliff- and slope-forming tuffs overlies the colonnade tuff. The tuffs of Qbt 1v commonly are nonwelded (pumices and shards retain their initial equant shapes) and have an open, porous structure.

Qbt 2 forms a distinctive, medium brown, vertical cliff that stands out in marked contrast to the slope-forming, lighter-colored tuffs above and below at TA-21. It displays the greatest degree of welding in the Tshirege Member. A series of surge beds commonly mark its base. It typically is nonporous and has low permeability relative to the other units of the Tshirege Member. Vapor-phase crystallization of flattened shards and pumice is extensive in this unit.

Qbt 3 is a nonwelded to partially welded, vapor-phase altered tuff, which forms many of the upper cliffs in the TA-21 area. Its base consists of a purple-gray, unconsolidated, porous, and crystal-rich nonwelded tuff that underlies a broad, gently sloping bench developed on top of Qbt 2. This basal, nonwelded portion forms relatively soft outcrops that weather into low rounded mounds with a white color, which contrast with the cliffs of partially welded tuff in the middle and upper portions of Qbt 3.

B-3.2 Geochemistry

Certain minerals present in Bandelier Tuff are important in terms of sorption of chemical species from water. Among them are alkali feldspar and a combination of three silica polymorphs (i.e., quartz, cristobalite, and tridymite). These minerals are found throughout the thickness of the Bandelier Tuff, and their absolute abundance throughout the tuff can have a significant effect on the retardation of several TA-21 contaminants. Less important in terms of transport are organic materials, which can react with certain constituents to form relatively mobile compounds. The organic content of geologic materials on the Pajarito Plateau mesas is typically less than 1 wt %; however, the fractures can contain higher organic concentrations than the tuff matrix.

In addition to the minerals found in the tuff matrix, clay minerals are found in abundance in fractures and interbeds in the Bandelier Tuff. The primary clay minerals are smectites, with lesser amounts of kaolinite. The clay minerals have high sorptive capacity for many TA-21 contaminants. Hematite (i.e., iron oxide) coatings are also found but with less frequency than clay coatings. Hematite has a very large surface area for binding certain metals and therefore plays an important role in controlling movement through fractures.

B-3.3 Seismology and Fractures

Three major faults are considered significant with respect to seismic potential across the Laboratory complex: the Pajarito, the Guaje Mountain, and the Rendija Canyon faults. Figure B-3.3-1 shows the location of major faults in the Laboratory complex with respect to TA-21.

The Pajarito fault system has experienced Holocene movement and historic seismicity (Gardner and House 1987, 6682; Gardner et al. 1990, 48813). Characterized by northerly trending normal faults that intertwine along their traces, the Pajarito fault system shows dominantly down-to-the-east movement and produces a series of prominent fault scarps west of the Laboratory. The vertical throw on this fault system is over several hundred feet south and west of the Laboratory but decreases north of Los Alamos Canyon where the fault system is less prominent.

The Rendija Canyon and Guaje Mountain faults are also normal faults, are downthrown to the west, and are considered secondary faults within the Pajarito fault system. The Rendija Canyon fault is located 3 mi east of the Pajarito fault, and the Guaje Mountain fault is located about 1.2 mi east of the Rendija Canyon fault. The Rendija Canyon fault crosses Pueblo Canyon near its confluence with Acid Canyon and Los Alamos Canyon but does not have clear surface expression south of Sandia Canyon. The Guaje Mountain fault parallels the Rendija Canyon fault and is projected to cross Los Alamos Canyon near the west end of TA-21, although there is no clear offset of the Tshirege Member south of North Mesa. North of the Laboratory, both of these faults have zones of gouge and breccia up to several meters wide and produce visible offsets of stratigraphic horizons and recognizable scarps. However, these features are not apparent within most of the Laboratory and TA-21. Vaniman and Wohletz (1990, 21589) and Wohletz (1995, 54404) project these faults south of Los Alamos Canyon based on Tshirege Member rock fracture density variations, orientations, and size.

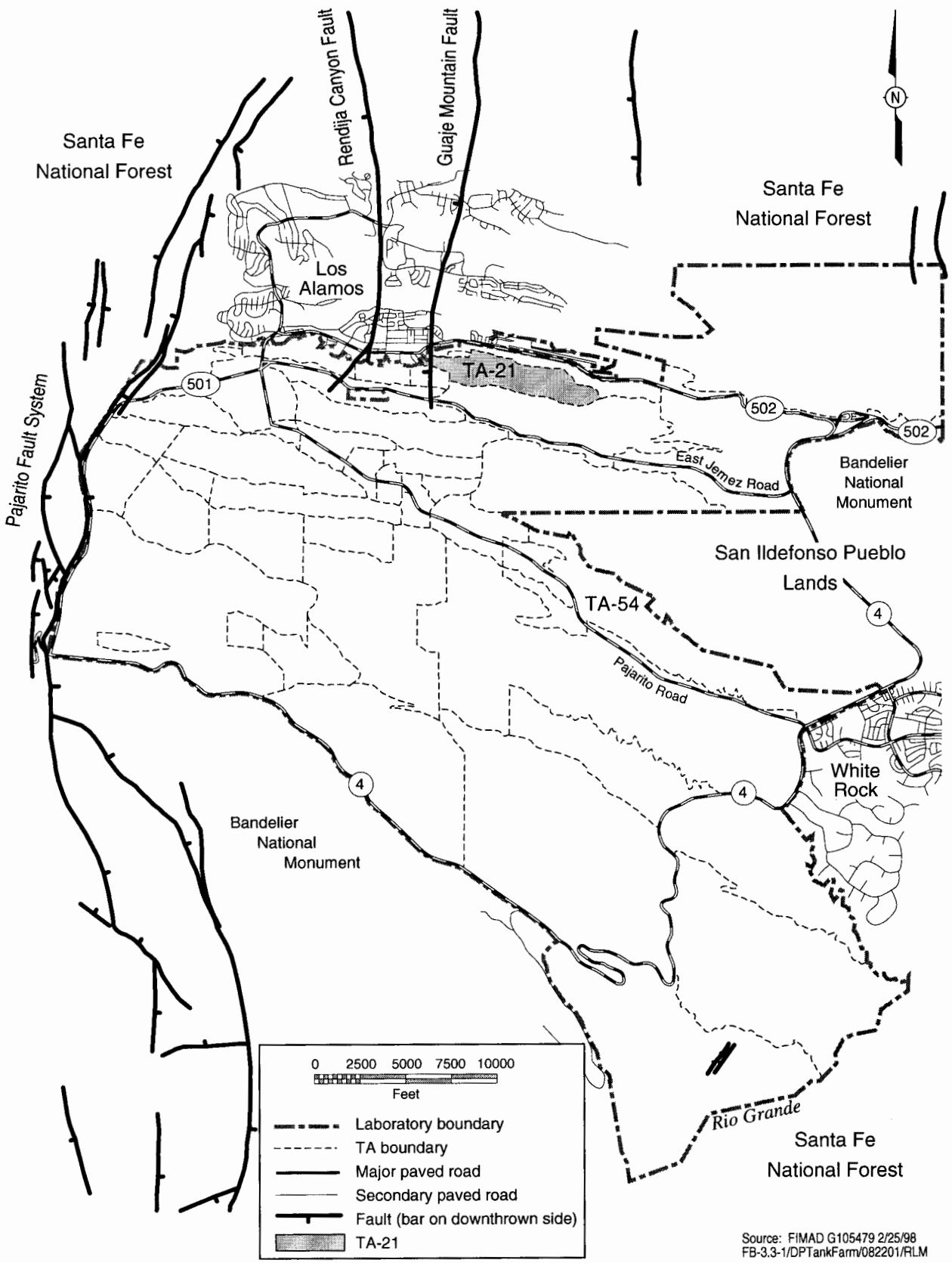

Figure B-3.3-1. Locations of major faults in Laboratory complex relative to TA-21

Geologic evidence reveals that the Pajarito fault has ruptured within the past 1.2 Myr, perhaps as recently as 50,000 yr ago. Field investigations show that the Rendija Canyon fault has ruptured within the past 10,000 yr and that the Guaje Mountain fault has ruptured within the past 6000 yr. The recurrence interval of seismic events along the Rendija Canyon and Guaje Mountain faults is estimated to be between 10,000 and 150,000 yr.

A number of small-to-moderate earthquakes not associated with mapped faults (termed *background earthquakes*) have occurred in north-central New Mexico within the past 100 yr. Since 1973, the Los Alamos Seismograph Network has monitored local seismicity. Measured events have not exceeded a magnitude of 4, which is relatively weak compared with earthquakes producing damage to buildings and structures. Details about a seismic hazard evaluation that was completed for the Laboratory can be found in Wong et al. (1995, 70097, Chapters 8 through 11).

Abundant fractures extend through the upper units of the Bandelier Tuff, including the Tshirege Unit 3 ignimbrite. The origin of the fractures has not been fully determined, but the most probable cause is brittle failure of the tuff caused by cooling contraction soon after initial emplacement (Vaniman 1991, 9995; Wohletz 1995, 54404). It is probable that past tectonic activity on the Pajarito fault system and the Guaje Mountain fault zone has also caused fracture development, reorientation, and extension (Wohletz 1995, 54404).

Fractures at TA-21

An extensive field survey of fractures in the Bandelier Tuff at TA-21 was conducted in 1992. Wohletz (1995, 54404) measured strike, dip, and aperture in 1662 fractures in Unit 2 of the Tshirege Member of the Bandelier Tuff (Qbt 2) exposed on cliffs below TA-21 in Los Alamos Canyon. The fracture traverse was 7312 ft long, extending east from a starting point 1200 ft east of the access gate to TA-21 and roughly due south of the eastern end of the DP Tank Farm site. Fractures were plotted on photomosaic maps of the canyon wall and their horizontal position calculated relative to the starting point of the fracture traverse. Linear fracture densities for 10- and 100-ft intervals, cumulative fracture width (sum of all fracture apertures within a given interval) for 10- and 100-ft intervals, and the relative fracture dips from vertical were calculated from the field data.

The average background fracture spacing at TA-21 is about 5 ft. A 1500-ft-wide zone starting near the gated entrance to TA-21 and extending to the east has a fracture spacing of 1–2 ft. The spacing decreases abruptly near the entrance to TA-21 and then increases gradually, reaching the 5-ft background value about 1500 ft east. Wohletz suggested that this fracture zone represents a fabric of the Pajarito fault zone. Measured strikes show that the fractures in this zone make up two conjugate sets: one trending northwest and the other northeast. The northeast-trending set (988 fractures) has a mean strike of N43E, and the northwest-trending set (674 fractures) has a mean strike of N33W. Fracture dips range from nearly horizontal to vertical, although most are steeply dipping. The majority of fractures in both the northeast- and northwest-trending sets dip steeply toward the north, with mean dips of 73° and 74° from the horizontal, respectively.

Fracture apertures range from 0 to 15 cm. The northeast and northwest sets of fractures have mean apertures of 0.82 and 0.93 cm, respectively. These mean apertures increase to 1.1 and 1.5 cm within the fracture zone. The background cumulative fracture width is about 0.5 m of fracture opening per 100-ft interval. This increases to about 1.4 m per 100-ft interval within the fracture zone. Fracture apertures decreased both above and below Unit 2, although no data were recorded for those units. Fracture fillings were described as sparse to absent in Unit 2 but prominent in Unit 3 (Qbt 3) (Wohletz 1995, 54404).

B-3.4 Soils

Soils on the Pajarito Plateau were initially mapped and described by Nyhan et al. (1978, 5702). The Nyhan study included only Laboratory-controlled lands and certain US Forest Service lands within Los Alamos County.

Soils on the plateau were formed in a semiarid climate and were derived from chemical, biological, and physical weathering of local bedrock units, fallout pumice deposits, eolian deposits, and sediments derived from these geologic materials (Nyhan et al. 1978, 5702). A large variety of soils have developed on the Pajarito Plateau as the result of interactions of the underlying bedrock, slope, and climate. The mineral components of the soils are in large part derived from the Bandelier Tuff, but dacitic lavas of the Tschicoma Formation, basalts of the Cerros del Rio volcanic field, and sedimentary rocks of the Puye Formation are locally important. Alluvium derived from the Pajarito Plateau and from the east side of the Jemez Mountains contributes to soils in the canyons and soils on some mesa tops.

Soils on the slopes between the mesa tops and canyon floors have been mapped mostly as steep rock outcrops consisting of approximately 90% bedrock outcrop and patches of shallow, undeveloped colluvial soils. South-facing canyon walls are steep and usually have little or no soil material or vegetation; in contrast, the north-facing walls generally have areas of very shallow dark-colored soils and are more heavily vegetated. The canyon floors generally contain poorly developed, deep, well-drained soils (Nyhan et al. 1978, 5702).

Soils in the vicinity of TA-21 are typical of those across the Pajarito Plateau and are generally poorly developed, derived from Bandelier Tuff bedrock, and formed in a semiarid climate. Soils on the TA-21 mesa top are mainly shallow, well-drained sandy loams of the Hackroy series. As described by Nyhan et al. (1978, 5702), "The surface layer of the Hackroy soils is a brown sand loam, or loam, about 10-cm thick. The subsoil is a reddish brown clay, gravelly clay, or clay loam, about 20-cm thick. The depth to bedrock and the effective rooting depth are 20 to 50 cm." Hackroy soils are classified as Alfisols, in part reflecting the clayey subsurface horizons. Intermixed with the Hackroy soils on the mesa tops are small areas of deeper loams of the Nyjack series and patches of bedrock. The Nyjack soils are texturally similar to Hackroy soils and are distinguished by thicknesses of 7.9 to 40.2 in. and by the common presence of pumice fragments in the lower soil (Nyhan et al. 1978, 5702). Areas of exposed rock are predominant toward the east end of the mesa and TA-21 development. At TA-21, typically one to several feet of soil and/or fill overlies Qbt 3.

B-4.0 HYDROLOGY

The hydrogeology of the Pajarito Plateau is generally separable in terms of mesas and canyons forming the plateau. Mesas are generally devoid of water, both on the surface and within the rock forming the mesa. Canyons range from wet to relatively dry; the wettest canyons contain continuous streams and contain perennial groundwater in the canyon-bottom alluvium. Dry canyons have only occasional streamflow and may lack alluvial groundwater. Intermediate perched groundwater has been found at certain locations on the plateau at depths ranging from 100 to 400 ft. The regional aquifer is found at depths of about 600 to 1200 ft.

B-4.1 Hydrological Conceptual Model

The hydrogeologic model (Figure B-4.1-1) shows that, under natural conditions, relatively small volumes of water move beneath mesa tops; this is because of low rainfall, high evaporation, and efficient water use by vegetation. Atmospheric evaporation may extend deeper into mesas, further inhibiting downward flow.

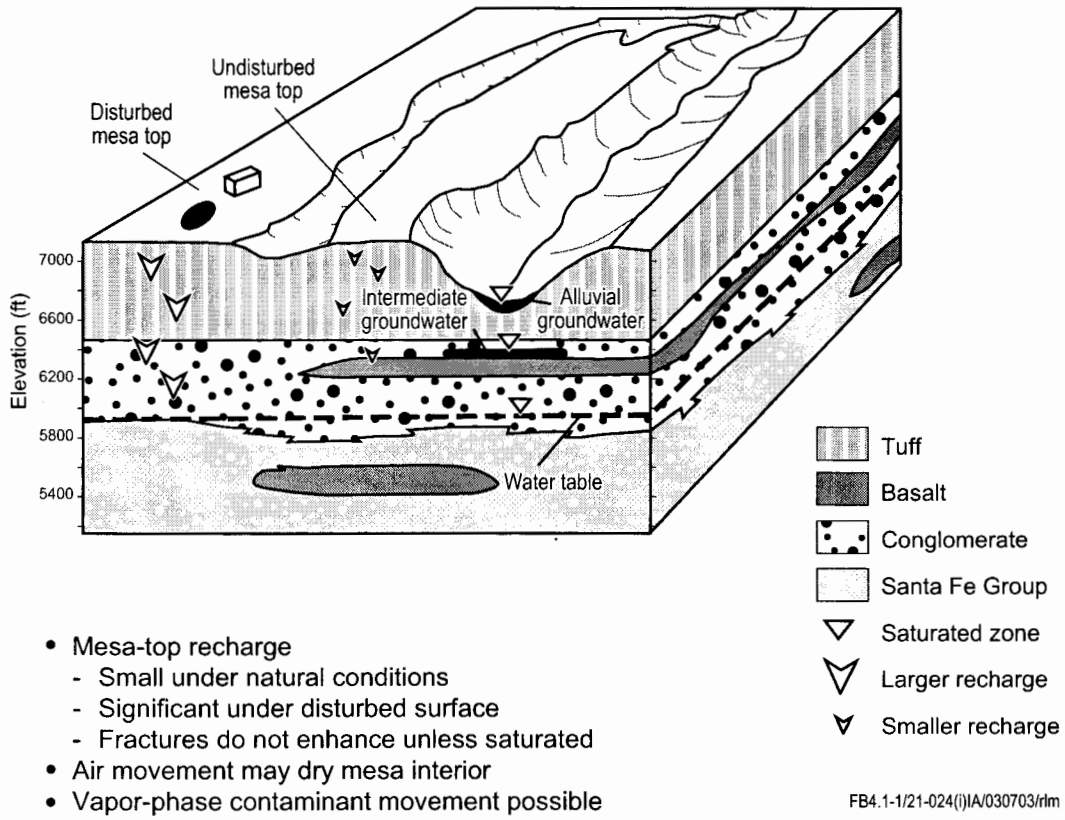

Figure B-4.1-1. Hydrogeologic conceptual model for Laboratory mesa tops

The amount of mesa-top recharge along the western portion of the Laboratory is uncertain. Higher rainfall, increased vegetative cover, and increased welding and jointing of the tuff might lead to different recharge rates than those observed in better-studied portions of the Laboratory. If surface conditions are disturbed, mesa-top recharge can be locally significant. Such change occurs when the soil is compacted, when the vegetation is disturbed, or when more water is artificially added to the hydrologic system by features such as blacktop, lagoons, or effluent disposal. Fractures within mesas do not enhance the movement of dissolved contaminants unless saturated conditions develop. Contaminants in vapor form readily migrate through mesas. Vapors denser than air will sink.

B-4.2 Surface Water

The Rio Grande is the primary river in north-central New Mexico. All surface water drainage and groundwater discharge from the plateau ultimately arrives at the Rio Grande (Figure B-4.2-1). Most Los Alamos surface water occurs as ephemeral, intermittent, or interrupted streams in canyons cut into the Pajarito Plateau. Ephemeral streams flow in response to precipitation; intermittent streams flow in response to the availability of snowmelt or groundwater discharge; and perennial streams flow at all times except during extreme drought. Springs on the flanks of the Jemez Mountains, west of the Laboratory's western boundary, supply flow to the upper reaches of Cañon de Valle and to Guaje, Los Alamos, Pajarito, and Water Canyons (Purtymun 1975, 11787; Stoker 1993, 56021). These springs discharge water perched in the Bandelier Tuff and Tschicoma Formation at rates from 2 to 135 gal./minute (Abeele et al. 1981, 6273). The volume of flow from the springs maintains natural perennial reaches of varying lengths in each of the canyons.

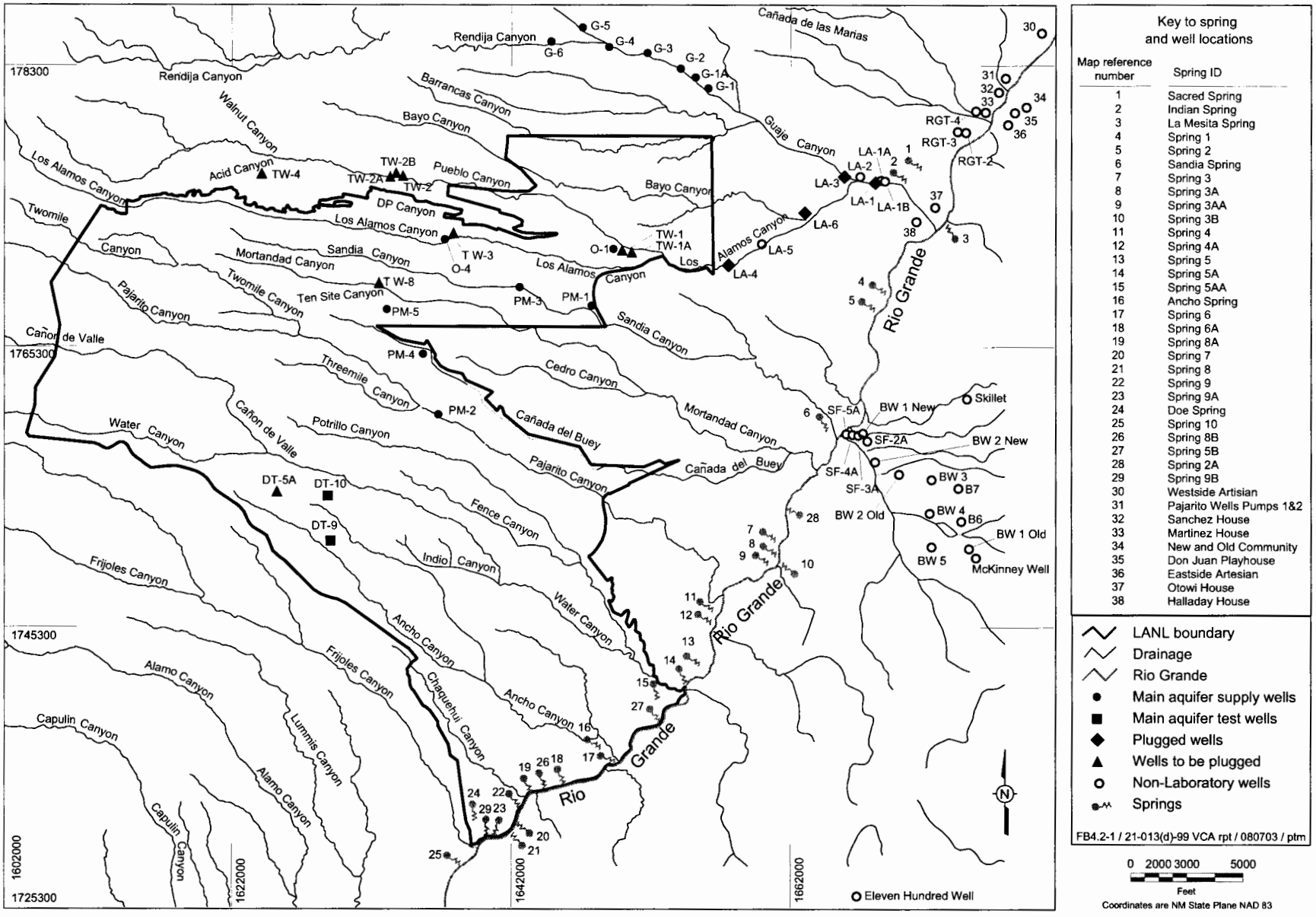

Figure B-4.2-1. Surface water drainage to the Rio Grande and well locations

Perennial flow historically has occurred in the upper reaches (west of the Laboratory) of Los Alamos Canyon and in the lower reaches downstream of the confluence with Pueblo Canyon. In the past, the Los Alamos reservoir operated as a throughput for runoff originating in the upper watershed. The outflow would result in nearly continuous surface water flow in Los Alamos Canyon from the reservoir to downstream locations, sometimes all the way to the Laboratory boundary, for several weeks to several months each year (LANL 1995, 50290). However, it is not clear how the impacts of the Cerro Grande fire and future Los Alamos reservoir management practices will affect surface water flow in Los Alamos Canyon. For most of the year, the only surface flow in Los Alamos Canyon is in the lower part of the canyon due to discharge from the Los Alamos County Sewage Treatment Plant (LANL 1995, 50290). Surface water in Los Alamos Canyon rarely flows across the length of the Laboratory. Usually, surface waters are depleted by infiltration into canyon alluvium creating saturated zones of seasonally variable extent (LANL 1995, 50290).

Surface flow in DP Canyon, a tributary to Los Alamos Canyon that runs along the north side of TA-21, is generated by rainfall and snowmelt events. DP Spring, located in DP Canyon (Figure B-4.2-2), discharges continuously, although it did not during a dry period in the winter and spring of 1996.

At the Laboratory, surface water runoff and sediment transport are among the potential migration pathways by which contaminants might be transported to off-site receptors. Surface water may also access subsurface contaminants exposed by soil erosion. Soil erosion is dependent on several factors, including soil properties, the amount of vegetative cover, the slope of the contaminated area, exposure, the intensity and frequency of precipitation, and seismic activity.

LANL-ER-SOP 2.01 Assessments

The Laboratory's RRES Division has developed standard operating procedure (SOP) 2.01 to assess sediment transport and erosion concerns at specific SWMUs and AOCs. SOP 2.01 provides a basis for prioritizing and scheduling actions to control erosion of potentially contaminated soils at specific sites. The procedure calls for a two-part evaluation. The first part is a compilation of existing analytical data, site maps, and knowledge-of-process information and is initiated and completed by the Laboratory's Environmental Characterization and Remediation Group (RRES-ECR). The second part is an assessment of the erosion/sediment transport potential at the site and is completed by the Laboratory's Water Quality and Hydrology Group (RRES-WQH, formerly ESH-18). Erosion potential is numerically rated from 1 to 100 using a matrix system. Sites that score below 40 to 60 have low erosion potential. A Surface Water Assessment Team, which includes representatives from RRES Division, the DOE, the DOE Oversight Bureau, and the New Mexico Environment Department (NMED), evaluates each completed assessment. If necessary, a best management practice (BMP) or other action is implemented based on the results of the assessment. The SOP 2.01 assessments for SWMUs 21-013(d) and 21-013(e) are attached at the end of this appendix; both scores are 24.9.

B-4.3 Groundwater

In the Los Alamos area, groundwater occurs as (1) water in shallow alluvium in some of the larger canyons, (2) intermediate perched groundwater (a perched groundwater body lies above a less permeable layer and is separated from the underlying aquifer by an unsaturated zone), and (3) the regional aquifer of the Los Alamos area. Numerous wells have been installed over the past several decades at the Laboratory and in the surrounding area to investigate the presence of groundwater in these zones and to monitor groundwater quality. The locations of the existing wells around TA-21 are shown in Figure B-4.2-2.

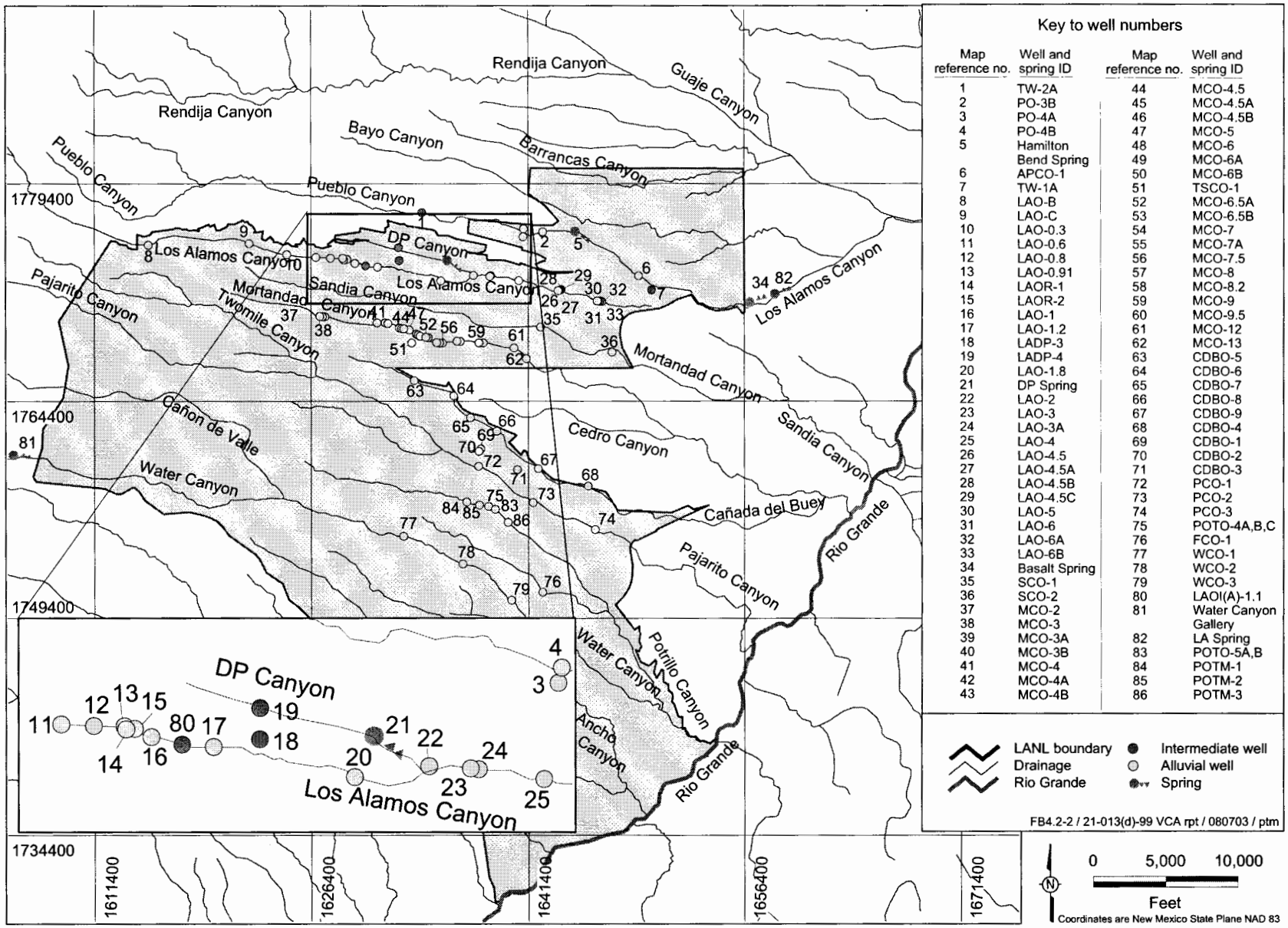

Figure B-4.2-2. Locations of wells and springs near TA-21

The Laboratory has formulated a comprehensive groundwater protection plan for an enhanced set of characterization and monitoring activities (LANL 1995, 50124). The hydrogeologic work plan details the implementation of extensive groundwater characterization across the Pajarito Plateau within an area potentially affected by past and present Laboratory operations, such as those at TA-21 (LANL 1998, 59599).

B-4.3.1 Alluvial Waters

Intermittent and ephemeral streamflows in the canyons of the Pajarito Plateau have deposited alluvium up to 100 ft thick. The alluvium in canyons that head on the Jemez Mountains generally is composed of sands, gravels, pebbles, cobbles, and boulders derived from the Tschicoma Formation and Bandelier Tuff. The alluvium in canyons that head on the plateau is comparatively more fine grained, consisting of clays, silts, sands, and gravels derived from the Bandelier Tuff. Saturated hydraulic conductivity of the alluvium typically ranges from 10^{-2} cm/s for sand and 10^{-4} cm/s for silty sand (Abeele et al. 1981, 6273).

In contrast to the underlying volcanic tuff and sediments, alluvium is quite permeable. Ephemeral runoff in some canyons infiltrates the alluvium until downward movement is impeded by the less-permeable sediments or tuff and results in the buildup of a shallow alluvial groundwater body. Depletion by evapotranspiration and movement into the underlying rocks limit the horizontal and vertical extent of the alluvial water (Purtymun et al. 1977, 11846). The limited saturated thickness and extent of the alluvial groundwater preclude its use as a viable source of water for municipal and industrial needs. Lateral flow of the alluvial perched groundwaters is easterly and down-canyon.

Two saturated zones are known to exist in the alluvium of Los Alamos Canyon. The first is in the upper part of Los Alamos Canyon and extends east from the Los Alamos reservoir to the vicinity of observation well LAO-4.5 (Figure B-4.2-2). The second is in the lower part of Los Alamos Canyon and extends from Basalt Spring to the Rio Grande (Figure B-4.2-2). In middle and upper Los Alamos Canyon, the saturated thickness in the alluvium varies seasonally from a few feet in the winter months to 25 ft in the spring and summer months when recharge is the greatest (Environmental Protection Group 1994, 45363).

Alluvial groundwater has been found in DP Canyon at wells LAUZ-1 and LAUZ-2, which were installed for environmental investigations at TA-21. The wells were drilled to a depth of 15 ft. Alluvial water was encountered in both wells at approximately 4.5 ft below the surface. The saturated zone at the time was approximately 3.5 ft thick.

B-4.3.2 Intermediate Perched Waters

Two intermediate perched zones, one beneath the other, have been encountered in Los Alamos Canyon between TA-2 and the confluence with DP Canyon. The upper intermediate perched zone occurs within the Guaje Pumice Bed. This zone was encountered in boreholes LADP-3 (at 325 ft) and LAOI(A)-1.1 (at 295 ft) (Broxton and Eller 1995, 58207; Longmire et al. 1996, 54168) (Figure B-4.3-1). The saturated thickness of this zone decreases from west to east, ranging between 22 ft at LAOI(A)-1.1 and 5 ft at LADP-3.

A deeper intermediate perched zone was encountered in LAOI(A)-1.1 in the Puye Formation at about 317 ft. The same zone may have been observed at a depth of 253 ft in the Puye Formation during development of water supply well O-4 (Stoker et al. 1992, 12017) (Figure B-4.2-1). However, no intermediate perched zone was found at LADP-3 in the approximately 19 ft of the Puye Formation that was penetrated. Another hole was drilled from the mesa top near the gated entrance to TA-21 to investigate the lateral extent of the Guaje Pumice Bed intermediate perched zone under DP Mesa; the location of this well is approximately midway between LAOI(A)-1.1 and LADP-3. There was no perched water in the hole.

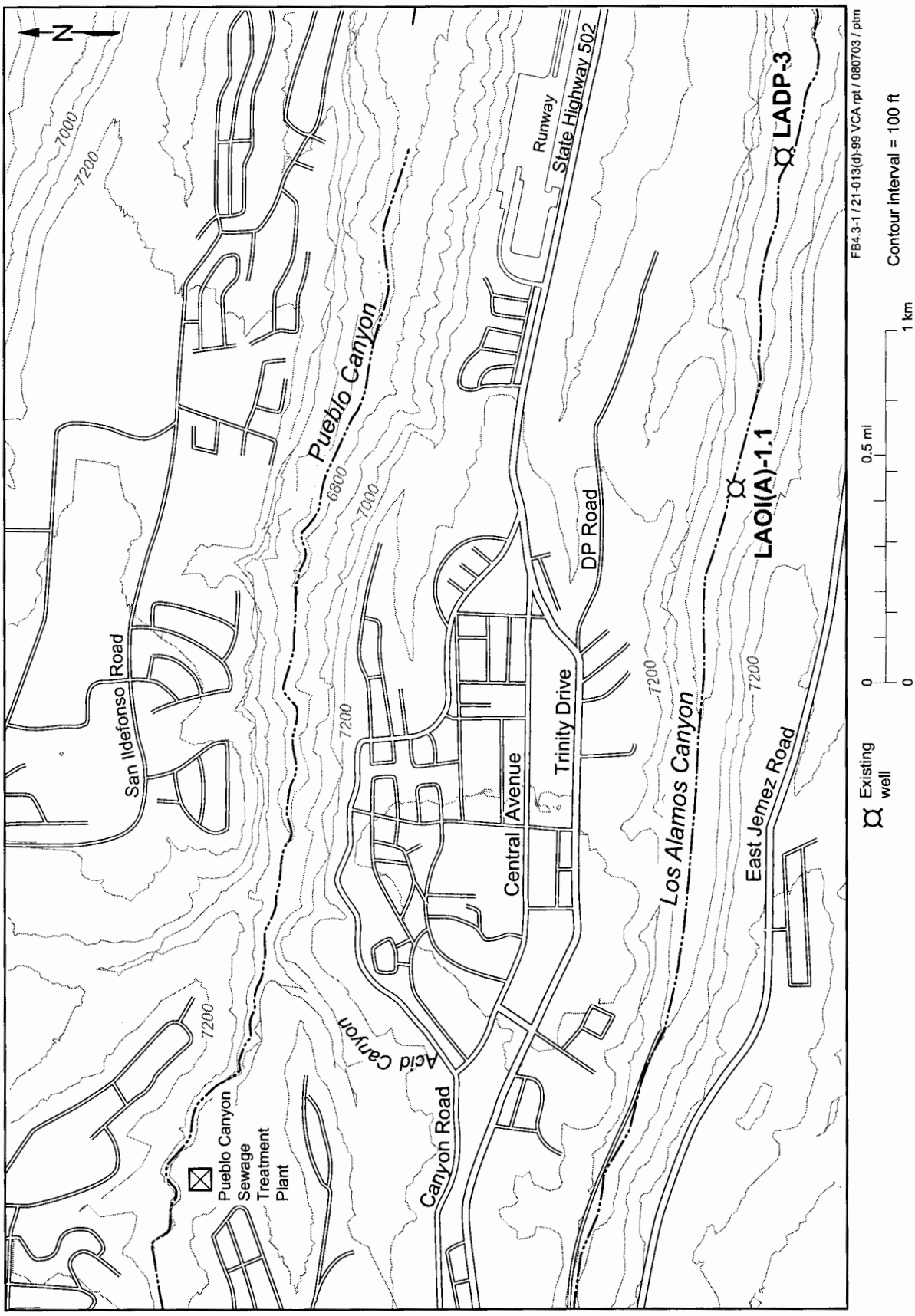

Figure B-4.3-1. Locations of wells LAOI(A)-1.1 and LADP-3, where perched water has been encountered

B-4.3.3 Regional Aquifer

The regional aquifer of the Los Alamos area is the only aquifer capable of supporting large-scale municipal water supply (Purtymun 1984, 6513). The surface of the regional aquifer rises westward from the Rio Grande within the Santa Fe Group into the lower part of the Puye Formation beneath the central and western part of the Pajarito Plateau. The depths to groundwater below the mesa tops range from about 1200 ft along the western margin of the plateau to about 600 ft at the eastern margin. Figure B-4.3-2 shows the location of wells and generalized water-level contours on top of the regional aquifer. The regional aquifer is typically separated from the alluvial groundwater and intermediate perched zone groundwater by 350 to 620 ft of tuff, basalt, and sediments (Environmental Protection Group 1993, 23249).

The regional aquifer beneath TA-21 is at an elevation of approximately 5900 ft above sea level, or approximately 1100 ft below the ground surface, and is located chiefly within sediments of the Puye and Tesuque Formations (Broxton and Eller 1995, 58207). Therefore, for mesa-top sites at TA-21, more than 1100 ft of tuff and volcaniclastic sediments separate the surface from the regional aquifer.

B-4.4 Vadose Zone

The region beneath the mesa surface and above the regional aquifer is referred to as the vadose zone. The source of moisture for the vadose zone is precipitation, but much of it runs off, evaporates, or is absorbed by plants. The subsurface vertical movement of the remaining water (often referred to as recharge) is influenced by properties and conditions of the vadose zone.

Two properties of rock that influence fluid flow are the degree of welding and devitrification; both are effects of the prolonged presence of residual gases and high temperatures when the rock was deposited. Because different units of the Bandelier Tuff were deposited at different temperatures and because individual units were deposited in variable thicknesses over different landscapes, cooling was not uniform. Consequently, welding varies spatially, both between and within separate depositional layers. Welded tuffs tend to be more fractured than nonwelded tuffs. While water moves slowly through the unsaturated tuff matrix, it can move relatively rapidly through fractures if nearly saturated conditions exist (LANL 1997, 63131). Modeling studies indicate that when fractures disappear at contacts between stratigraphic subunits, when fracture fills are encountered, or when coatings are disturbed or broken, moisture is absorbed into the matrix. Thus, fractures may provide conduits for fluid flow but only in discrete, disconnected intervals of the subsurface. Because they are open to the passage of both air and water, fractures can have both wetting and drying effects, depending on the relative abundance of water in the fractures and matrix. Devitrification is vapor-phase crystallization. The variability of welding and crystallization in the Tshirege Member produces recognizable vertical variations in its properties such as density, porosity, hardness, composition, color, and surface-weathering patterns.

As a rule, the Bandelier Tuff is very dry and does not readily transmit moisture. Most of the pore spaces in the tuff are of capillary size and have a strong tendency to hold water against gravity by surface-tension forces. Moisture content is generally more variable near the top of the mesa than in the central portions because of variations in temperature, humidity, and evapotranspiration. Vegetation is very effective at removing moisture near the surface. During the summer rainy season when rainfall is highest, near-surface moisture content is variable because of higher rates of evaporation and of transpiration by vegetation, which flourishes during this time.

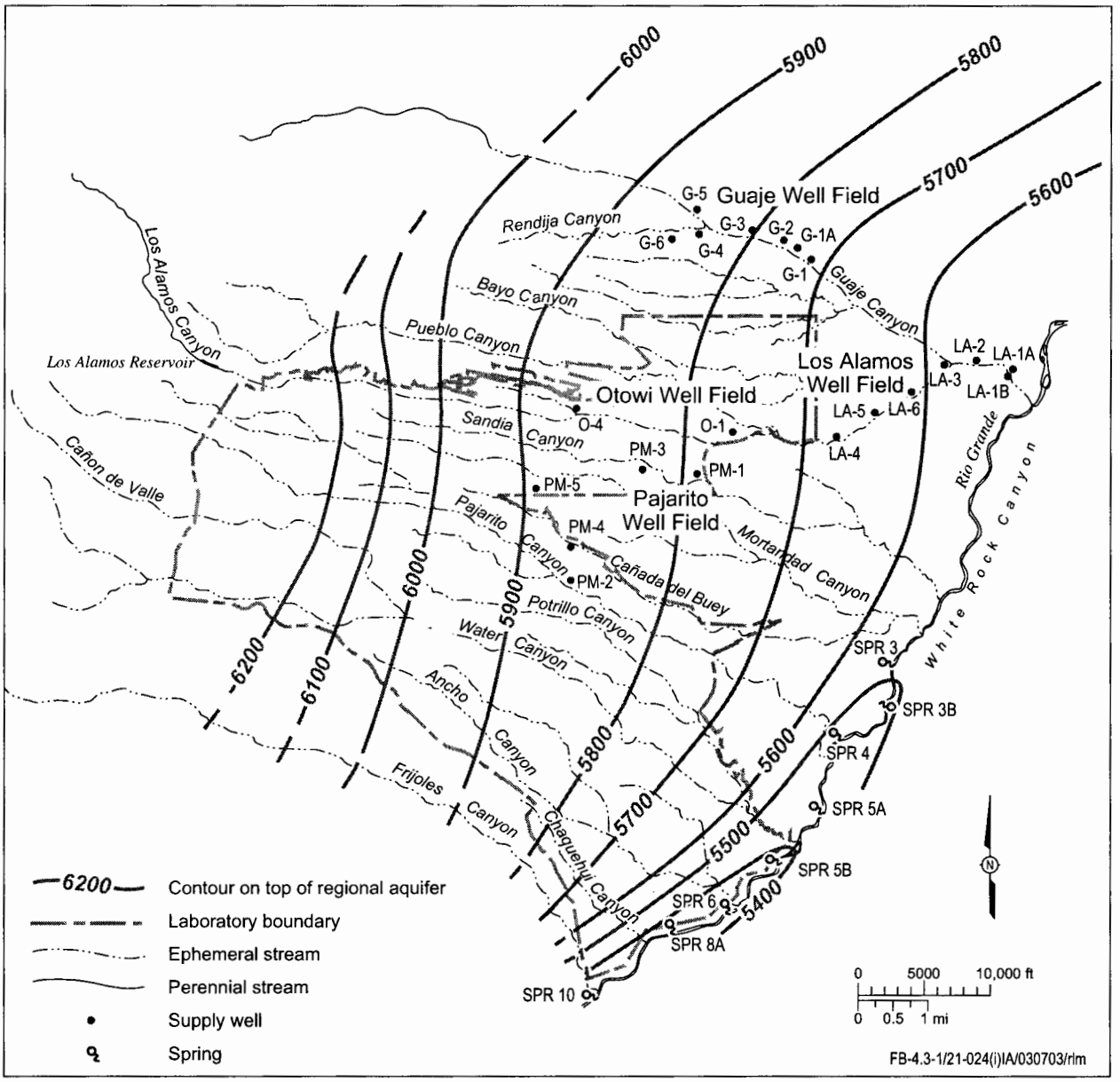

Figure B-4.3-2. Locations of wells and generalized water-level contours on top of the regional aquifer (modified from Purtymun 1984, 6513)

The various units of the Bandelier Tuff tend to have relatively high porosities. Porosity ranges from 30% to 60% by volume, generally decreasing for more highly welded tuff. Permeability varies for each cooling unit of the Bandelier Tuff. Values for the Tshirege Member of the Bandelier Tuff at TA-54, determined using in situ vacuum and water injection tests and laboratory analyses of cores, range from 0.1 to 0.6 darcies. No specific TA-21 data are available. Moisture content of native tuff is low, generally less than 5% by volume throughout the profile. Previous studies at TA-21 where liquid has been added have shown that moisture content changes little below 40 ft. The specific retention of the tuff ranges from 18% to 38% by volume, indicating a considerable field capacity for holding moisture (Purtymun and Stoker 1990, 7508; Kearl et al. 1986, 15368).

Hydraulic conductivity is dependent on the porous medium and the fluid. Saturated tuff has a hydraulic conductivity in the range of 0.02 cm/hr for welded tuff to 1.12 cm/hr for nonwelded tuff. The hydraulic conductivity of unsaturated tuff varies with moisture content and has values two to five orders of magnitude lower than saturated tuff (Purtymun and Stoker 1990, 7508).

The moisture characteristic curve is important in unsaturated porous media in relating water content to suction, tension, or negative pressure head. However, tests have been done only on crushed Bandelier Tuff, and the applicability of these results to intact tuff remains in question.

B-5.0 ECOLOGICAL RESOURCES

Biological resource field surveys were conducted within OU 1106 (TA-21) and OU 1078 (TA-1) for compliance with the Federal Endangered Species Act of 1973; New Mexico Wildlife Conservation Act; Executive Order 11990, "Protection of Wetlands"; Executive Order 11988, "Floodplain Management"; CFR Title 10 Part 1022, "Compliance with Floodplain/Wetlands Environmental Review Requirements"; and DOE Order 5400.1, "General Environmental Protection Program" (Bennett 1996, 58236).

The Pajarito Plateau is a biologically diverse area. This diversity is caused partly by the dramatic 5000-ft elevation gradient from the Rio Grande to the Jemez Mountains (a distance of 12 mi) and partly by the many steep canyons that dissect the area. The pronounced east-west canyon and mesa orientations, with concomitant differences in soils, moisture, and solar radiation, produce an interlocking finger effect among ecological life zones, resulting in many transitional overlaps of plant and animal communities within small areas.

B-5.1 Flora

The elevation of TA-21 ranges from 6680 to 7220 ft above mean sea level. The topography is varied, ranging from steep canyon walls or cliffs to gently sloping mesa tops. Mesa tops are characterized by development and disturbance. Canyon areas are relatively free from development and disturbance.

TA-21 is primarily a mesa-top site in a developed, industrialized area. The preurban vegetation community of the mesa was a ponderosa pine forest. The current site vegetation includes grasses and forbs commonly found in disturbed soils: western wheat grass, Canada bluegrass, bottlebrush squirrel tail, cheat grass, sand dropseed, summer cypress, prickly lettuce, and horseweed.

SWMU 21-013(d)-99 is situated on the mesa top immediately south of DP Canyon. The DP Canyon vegetation community is a ponderosa pine forest with a dominant shrub species of Gambel's oak and codominance of mountain mahogany. The understory of DP Canyon is characterized by numerous grasses (brome grass, mountain muhly, and bluegrass), upland sedges, and a variety of forbs.

B-5.2 Fauna

The mesa top provides limited habitat for biota and does not contain sensitive habitats. Threatened or endangered species are not present on the mesa top or in Los Alamos and DP Canyons, according to Bennett (1996, 58236). However, more recent evaluations indicate the Mexican Spotted Owl core habitat may occur in portions of Los Alamos and DP Canyons.

B-5.3 Floodplains and Wetlands

Los Alamos Canyon has stretches of riverine and palustrine wetlands. There is a palustrine wetland just south of the west end of DP Mesa in Los Alamos Canyon and there is a riverine wetland just south of the gated entrance to TA-21 in Los Alamos Canyon. Floodplains also exist within Los Alamos Canyon.

B-6.0 CULTURAL RESOURCES

Pursuant to the National Historic conducted at TA-21 (formerly OU 1106) during the summer of 1991 (McGehee et al. 1992, 28310). There are no archeological sites in the TA-21 area that are eligible for inclusion in the National Register of Preservation Act of 1966 (amended), a cultural resource survey was Historic Places.

B-7.0 REFERENCES

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the ER record identification (ER ID) number. This information also is included in the citations in the text. ER ID numbers are assigned by RRES-RS (formerly the ER Project) to track records associated with the project. These numbers can be used to locate copies of the actual documents at the RRES-RS Records Processing Facility and, where applicable, with the ER Project/RRES-RS reference library titled "Reference Set for Material Disposal Areas, Technical Area 21."

Copies of the reference library are maintained at the NMED Hazardous Waste Bureau; the DOE Los Alamos Site Office; US Environmental Protection Agency, Region VI; and RRES-RS. This library is a living collection of documents that was developed to ensure that the administrative authority has all the necessary material to review the decisions and actions proposed in this document. However, documents previously submitted to the administrative authority are not included.

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Attachment

Surface Water Assessment
Erosion Matrices

Los Alamos National Laboratory

Environment, Safety & Health Division
ESH-18 Water Quality & Hydrology Group

Surface Water Assessment
Erosion Matrix for PRS 21-013(d)

CRITERIA EVALUATED	Value	Erosion/Sediment Transport Potential Low 0.1	Medium 0.5	High 1.0	Calculated Score
Site Setting (43)					
On mesa top	1	Defined based on topographic setting			1.0
Within bench of canyon	4				
Within the canyon floodplain but not watercourse	13				
Within bottom of canyon channel in watercourse	17				
Estimated % ground and canopy cover	13	>75%	25-75%	<25%	6.5
Slope	13	0-10%	10-30%	>30%	1.3
Surface Water Factors-Run-off (46)					
Visible evidence of runoff discharging? (Yes/No)	5	If no, score of 0 for runoff section.			5.0
		If yes, score 5 and proceed with section.			
Where does runoff terminate?	19	Other	Bench Setting	Drainage/Wetland	1.9
Has runoff caused visible erosion? (Yes/No)	22	Sheet	Rill	Gully	2.2
		If no, score as 0. If yes, calculate as appropriate.			
Surface Water Factors-Run-on (11)					
Structures adversely affecting run-on (Yes/No)	7*	If yes, score as 7. If no, score as 0.			0.0
Current operations adversely impacting (Yes/No)	4	If yes, score as 4. If no, score as 0.			0.0
Natural drainages onto site (Yes/No)	7*	If yes, score as 7. If no, score as 0.			7.0
**Select either structures or natural drainages.*					
MAX. POSSIBLE EROSION MATRIX SCORE:	**100**			**Total Score**	24.9

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Los Alamos National Laboratory
SURFACE WATER
SITE ASSESSMENT

SITE INFORMATION

1a) PRS Number: 21-013(d) 1b) Structure Number: 1c) FMU Number: 80

2. Date/Time (M/D/Y H:M am/pm): 6/25/1999

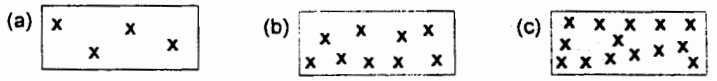
SITE SETTING (check all that apply)

3. (●) On mesa top (a). ( ) In the canyon floor, but not in an established channel (c).
   ( ) Within a bench of a canyon (b). ( ) Within established channel in the canyon floor (d).

Explanation: Surface disposal area across DP Road from MDA B and MDA V

4. Estimated ground and/or canopy cover at site: (deciduous leaves, pine needles, rocks, vegetation, trees, structures, asphalt, etc.)

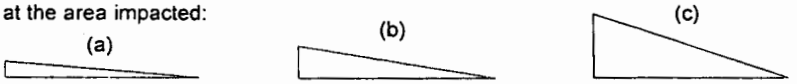
(illustration)



Estimated % of ground/canopy cover: ( ) 0% to 25% (●) 25% to 75% ( ) 75% to 100

Explanation: Mixed vegetation with some barren areas. Gravel, grasses and mixed pinon/juniper canopy

5. Steepest slope at the area impacted:



(●) Less than 10% ( ) 10% to 30% ( ) 30% and greater

Explanation: Mostly flat, sloping towards DP Canyon.

RUNOFF FACTORS

Y / N

☑ ☐ 6. Is there visible evidence of runoff discharging from site? If yes, answer a) - c) below:

☐ ☑ 6a) Is runoff channelized? If yes, describe: ( ) Man-made channel. ( ) Natural channel.

Explanation: Evidence of sheetflow runoff throughout site..

RUNOFF FACTORS, CONT'D

6b) Where does evidence of runoff terminate?

- ○ **Drainage or wetland (name)** DP Canyon
- ○ **Within bench of canyon setting (name)**
- ◉ **Other (i.e., retention pond, meadow, mesa top)** Meadow

Explanation: Ruoff appears to infiltrate at site.

Y / N

☑ ☐ 6c) Has runoff caused visible erosion at the site? If yes, explain below: ○ Sheet ○ Rill ○ Gully

Explanation: Sheet flow erosion across site, minimal evidence of rills.

RUN-ON FACTORS

Please rate the potential for storm water to run on to this site: (Check EITHER #7 or #9)

☐ ☑ 7. Are structures (i.e., buildings, roof drains, parking lots, storm drains) creating run-on to the site?

Explanation: None.

☐ ☑ 8. Are current operations (i.e., fire hydrants, NPDES outfalls) adversely impacting run-on to the site?

Explanation: None

☑ ☐ 9. Are natural drainage patterns directing stormwater onto site?

Explanation: Minor upslope drainage.

ASSESSMENT FINDING:

☐ ☑ **10. Based on the above criteria and the assessment of this site, does soil erosion potential exist? (REFER TO EROSION POTENTIAL MATRIX.)**

Veenis, Steve

11. Signature of Water Quality/Hydrology Representative

_____ Initials of independent reviewer.

Check here when information is entered in database: ☑

This page is for ESH-18 notes, recommendations, and photos.

	Y	N	
12. a)	○	●	Is there visible trash/debris on the site?
b)	○	●	Is there visible trash/debris in a watercourse?

Description of existing BMPs:

○	○	Are BMPs being properly maintained? If no, describe in "Other Internal Notes."
○	○	Are BMPs effectively keeping sediment in place and reducing erosion potential?

OTHER INTERNAL NOTES:

Los Alamos National Laboratory

Environment, Safety & Health Division
ESH-18 Water Quality & Hydrology Group

Surface Water Assessment
Erosion Matrix for PRS 21-013(e)

CRITERIA EVALUATED	Value	Erosion/Sediment Transport Potential Low 0.1	Medium 0.5	High 1.0	Calculated Score
Site Setting (43)					
On mesa top	1	Defined based on topographic setting			1.0
Within bench of canyon	4				
Within the canyon floodplain but not watercourse	13				
Within bottom of canyon channel in watercourse	17				
Estimated % ground and canopy cover	13	>75%	25-75%	<25%	6.5
Slope	13	0-10%	10-30%	>30%	1.3
Surface Water Factors-Run-off (46)					
Visible evidence of runoff discharging? (Yes/No)	5	If no, score of 0 for runoff section.			5.0
		If yes, score 5 and proceed with section.			
Where does runoff terminate?	19	Other	Bench Setting	Drainage/Wetland	1.9
Has runoff caused visible erosion? (Yes/No)	22	Sheet	Rill	Gully	2.2
		If no, score as 0. If yes, calculate as appropriate.			
Surface Water Factors-Run-on (11)					
Structures adversely affecting run-on (Yes/No)	7*	If yes, score as 7. If no, score as 0.			0.0
Current operations adversely impacting (Yes/No)	4	If yes, score as 4. If no, score as 0.			0.0
Natural drainages onto site (Yes/No)	7*	If yes, score as 7. If no, score as 0.			7.0
**Select either structures or natural drainages.*					
MAX. POSSIBLE EROSION MATRIX SCORE:	**100**			**Total Score**	24.9

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Los Alamos National Laboratory
SURFACE WATER
SITE ASSESSMENT

SITE INFORMATION

1a) PRS Number 21-013(e) **1b) Structure Number** **1c) FMU Number** 80

2. Date/Time (M/D/Y H:M am/pm) 6/25/1999

SITE SETTING (check all that apply)

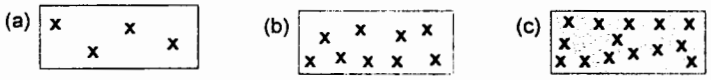
3. ◉ **On mesa top (a).** ○ **In the canyon floor, but not in an established channel (c).**

○ **Within a bench of a canyon (b).** ○ **Within established channel in the canyon floor (d).**

Explanation: Surface disposal area across DP Road from MDA B and MDA V

4. Estimated ground and/or canopy cover at site: (deciduous leaves, pine needles, rocks, vegetation, trees, structures, asphalt, etc.)

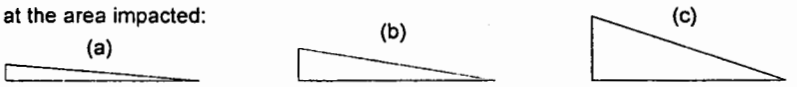
(illustration)



Estimated % of ground/canopy cover: ○ 0% to 25% ◉ 25% to 75% ○ 75% to 100

Explanation: Mixed vegetation with some barren areas. Gravel, grasses and mixed pinon/juniper canopy

5. Steepest slope at the area impacted:



◉ Less than 10% ○ 10% to 30% ○ 30% and greater

Explanation: Mostly flat, sloping towards DP Canyon.

RUNOFF FACTORS

Y / N

☑ ☐ **6. Is there visible evidence of runoff discharging from site? If yes, answer a) - c) below:**

☐ ☑ 6a) Is runoff channelized? If yes, describe: ○ Man-made channel. ○ Natural channel.

Explanation: Evidence of sheetflow runoff throughout site..

RUNOFF FACTORS, CONT'D

6b) Where does evidence of runoff terminate?

- ○ **Drainage or wetland (name)** Los Alamos Canyon
- ○ **Within bench of canyon setting (name)**
- ◉ **Other (i.e., retention pond, meadow, mesa top)** Meadow

Explanation: Ruoff appears to infiltrate at site.

Y / N

☑ ☐ 6c) Has runoff caused visible erosion at the site? If yes, explain below: ○ Sheet ○ Rill ○ Gully

Explanation: Sheet flow erosion across site, minimal evidence of rills.

RUN-ON FACTORS

Please rate the potential for storm water to run on to this site: (Check EITHER #7 or #9)

☐ ☑ **7.** Are structures (i.e., buildings, roof drains, parking lots, storm drains) creating run-on to the site?

Explanation: None.

☐ ☑ **8.** Are current operations (i.e., fire hydrants, NPDES outfalls) adversely impacting run-on to the site?

Explanation: None

☑ ☐ **9.** Are natural drainage patterns directing stormwater onto site?

Explanation: Minor upslope drainage.

ASSESSMENT FINDING:

☐ ☑ **10. Based on the above criteria and the assessment of this site, does soil erosion potential exist? (REFER TO EROSION POTENTIAL MATRIX.)**

Veenis, Steve

11. Signature of Water Quality/Hydrology Representative

_____ Initials of independent reviewer.

Check here when information is entered in database: ☑

This page is for ESH-18 notes, recommendations, and photos.

	Y / N	
12. a)	○ ◉	Is there visible trash/debris on the site?
b)	○ ◉	Is there visible trash/debris in a watercourse?

Description of existing BMPs:

○ ○	Are BMPs being properly maintained? If no, describe in "Other Internal Notes."
○ ○	Are BMPs effectively keeping sediment in place and reducing erosion potential?

OTHER INTERNAL NOTES:

Appendix C

Results of Quality Assurance/Quality Control Activities

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C-1.0 SUMMARY OF QUALITY ASSURANCE/QUALITY CONTROL ACTIVITIES

This appendix assesses the quality of analytical results obtained during the voluntary corrective action (VCA) at Solid Waste Management Unit (SWMU) 21-013(d)-99. SWMU 21-013(d)-99 is a consolidation of former SWMU 21-013(d), called the "cold dump" and reportedly used by construction contractors for the disposal of construction-related debris, and the adjacent former SWMU 21-013(e), used as a disposal site for building debris. Table C-1.0-1 presents the analytical suites used for all samples during this investigation. A quality assurance /quality control (QA/QC) evaluation was performed on all samples of soil and tuff used for site characterization.

Table C-1.0-1
Analytical Suites, SWMU 21-013(d)-99

Category	Analyte	Analytical Method
Radionuclide	Isotopic uranium	Chemical separation/alpha spectroscopy HASL-300:ISOU
	Isotopic plutonium	Chemical separation/alpha spectroscopy HASL-300:ISOPU
	Isotopic thorium	Chemical separation/alpha spectroscopy HASL-300:ISOTH
	Tritium	EPA Method SW846:906.0
	Strontium 90	EPA Method SW846:905.0
	Americium 241	Chemical separation/alpha spectroscopy HASL-300:AM-241
Inorganic chemical	Metals	EPA Method SW-826: 6020/6010B
	Mercury	EPA Method SW-846:7471A
Organic chemical	Volatile organic compounds	EPA Method SW-846:8260B
	Semivolatile organic compounds	EPA Method SW-846:8270C

QA/QC and data validation procedures were implemented in accordance with the requirements of the QA project plan and the Los Alamos National Laboratory (the Laboratory) Risk Reduction and Environmental Services-Remediation Services (RRES-RS) project (formerly the Environmental Restoration [ER] Project) statement of work (SOW) for contract laboratories (LANL 2000, 71233). QA/QC results were used to estimate accuracy, bias, and precision of analytical measurements. QC samples, including method blanks, blank spikes, matrix spikes, and laboratory control samples (LCSs), were used to assess accuracy and bias. Internal standards (ISs), external standards, surrogates, and tracers also were used to assess accuracy. The type and frequency of QC analyses are described in the RRES-RS SOW (LANL 2000, 71233). Other QC factors such as sample preservation and holding times were also assessed. Requirements for sample preservation and holding times are given in the RRES-RS standard operating procedure (SOP) LANL-ER-SOP-1.02, Rev. 0, "Sample Containers and Preservation." Evaluating these QC indicators allows estimates of the accuracy, bias, and precision of the analytical suites.

C-2.0 INORGANIC CHEMICAL METHODS

A total of 77 samples, including four field duplicates, were collected during the VCA at SWMU 21-013(d)-99. One of the 77 samples was not analyzed for inorganic compounds. For these samples, mercury was

analyzed by cold vapor atomic absorption (CVAA). Other target analyte list (TAL) metals were analyzed by inductively coupled plasma emission spectroscopy (ICPES).

Table C-2.0-1 lists the inorganic analysis methods for this data set. Holding times were met for all inorganic chemical digestion processes and analyses. Qualifiers for inorganic analytes are provided in Section C-5.0, Data Validation, of this appendix.

Table C-2.0-1
Analytical Methods for Inorganic Chemical Analysis, SWMU 21-013(d)-99

Analytical Method*	Analytical Description	Analyte
EPA SW-846 Method 6020/6010B	ICPES	Aluminum, antimony, arsenic, barium, beryllium, calcium, cadmium, cobalt, chromium, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, sodium, silver, thallium, vanadium, and zinc (TAL metals)
EPA SW-846 Method 7471A	CVAA	Mercury (TAL metal)

*EPA 1996 (57589).

Inorganic Chemical QA/QC Samples

LCSs, method blanks, matrix spike samples, field duplicate samples, interference check samples, and serial dilution samples were analyzed to assess the accuracy and precision of inorganic chemical analyses. Each QA/QC sample type is defined in the RRES-RS SOW and described below (LANL 2000, 71233).

LCSs are used to monitor the overall performance of each step during the analysis, including sample digestion. Analytical results for the samples were qualified when individual LCS recoveries were outside the 75% to 125% range specified in National Functional Guidelines (NFGs) (EPA 1994, 48639). Based on NFGs, results that were less than 5 times the method blank result were qualified as "not detected" (U).

Accuracy for inorganic chemical analyses also is assessed using matrix spike samples. A matrix spike sample is designed to provide information about the effect of each sample matrix in the sample preparation procedures and analytical techniques. Spike sample recoveries should be within the acceptance range of 75% to125%, according to LANL-ER-SOP 15.05, "Routine Validation of Inorganic Data."

Analyzing field duplicate samples assessed the precision of inorganic chemical analyses. All relative-percent differences (RPDs) between the sample and field duplicate should be ±35%, according to LANL-ER-SOP 15.05, "Routine Validation of Inorganic Data."

C-3.0 ORGANIC CHEMICAL ANALYSES

A total of 77 samples, including four field duplicates, were collected during the VCA at PRS 21-013(d)-99 and 74 of the samples were analyzed for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) (Table C-3.0-1). All QC procedures were followed, as required by the RRES-RS Project analytical services SOW (LANL 2000, 71233).

Table C-3.0-1
Analytical Methods for Organic Chemical Analyses, SWMU 21-013(d)-99

Analytical Method*	Analytical Description	Target Compound List
EPA SW-846 Method 5035–Sampling EPA SW-846 Method 5035–Extraction EPA SW-846 Method 8260B–Analysis	VOCs	RRES-RS analytical services SOW (LANL 2000, 71233); Appendix D of this report
EPA SW-846 Method 3550–Extraction EPA SW-846 Method 8270C–Analysis	SVOCs	RRES-RS analytical services SOW (LANL 2000, 71233); Appendix D of this report

*EPA 1996 (57589).

C-3.1 Organic Chemical QA/QC Samples

LCSs, method blanks, field duplicate samples, ISs, and surrogates were analyzed to assess accuracy and precision for organic chemical analyses. Each of these QA/QC sample types is defined in the RRES-RS analytical services SOW (LANL 2000, 71233).

The LCS is a monitor of overall performance of each step during analysis, including sample extraction. Analytical results for the samples were qualified according to NFGs when LCS recovery indicated unacceptable bias (EPA 1994, 48640). LCS recoveries should fall within laboratory and method-specific control limits (LANL 2000, 71233).

Method blanks are used to measure bias and potential cross-contamination. Blank results for organic chemical analyses were within acceptable limits for all analyses. All target analytes should be below the contract-required quantitation limits in the method blank.

Accuracy for organic chemical analyses also is assessed using surrogates designed to provide information about the effect of each sample matrix on the sample extraction procedures and analytical technique. Surrogate recoveries should fall within laboratory and method-specific control limits. One trip blank sample was submitted for VOC analysis with each sample shipment to identify contaminants attributable to shipping and field-handling procedures (Table C-3.1-1).

C-3.2 VOC Analysis

All holding times were met for VOC analyses.

C-3.3 SVOC Analysis

All holding times were met for SVOC analyses except samples MD21-03-50467, MD21-03-50509, MD21-03-50519, and MD21-03-50535. Results were qualified as estimated and biased low (J-) and reporting limits were qualified as estimated (UJ) because method-specific holding times were exceeded.

C-4.0 RADIOCHEMICAL ANALYSES

A total of 77 samples, including four field duplicates, were collected during the VCA at PRS 21-013(d)-99 and analyzed for radionuclides by the methods listed in Table C-4.0-1. Maximum allowable reporting limits (defined in the RRES-RS analytical services SOW for radiochemicals) are provided in Appendix D.

Table C-3.1-1
QC Samples, SWMU 21-013(d)-99

Trip Blank	Field Sample	Analytical Method	Analytical Suite
MD21-03-50532	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50512 MD21-03-50514	EPA SW-846 Method 5035–Sampling EPA SW-846 Method 5035–Extraction EPA SW-846 Method 8260–Analysis	VOC
MD21-03-50534	MD21-03-50516 MD21-03-50517 MD21-03-50518 MD21-03-50519 MD21-03-50520 MD21-03-50521 MD21-03-50522 MD21-03-50523 MD21-03-50524 MD21-03-50525 MD21-03-50536 MD21-03-50548	EPA SW-846 Method 5035–Sampling EPA SW-846 Method 5035–Extraction EPA SW-846 Method 8260–Analysis	VOC
MD21-03-50540	MD21-03-50476 MD21-03-50477 MD21-03-50478 MD21-03-50479 MD21-03-50480 MD21-03-50481 MD21-03-50482 MD21-03-50484 MD21-03-50486 MD21-03-50487 MD21-03-50538	EPA SW-846 Method 5035–Sampling EPA SW-846 Method 5035–Extraction EPA SW-846 Method 8260–Analysis	VOC
MD21-03-50541	MD21-03-50472 MD21-03-50473 MD21-03-50474 MD21-03-50475 MD21-03-50494	EPA SW-846 Method 5035–Sampling EPA SW-846 Method 5035–Extraction EPA SW-846 Method 8260–Analysis	VOC
MD21-03-50542	MD21-03-50458 MD21-03-50460 MD21-03-50468 MD21-03-50470 MD21-03-50485 MD21-03-50492 MD21-03-50496	EPA SW-846 Method 5035–Sampling EPA SW-846 Method 5035–Extraction EPA SW-846 Method 8260–Analysis	VOC

Table C-3.1-1 (continued)

Trip Blank	Field Sample	Analytical Method	Analytical Suite
MD21-03-50543	MD21-03-50452 MD21-03-50454 MD21-03-50456 MD21-03-50464 MD21-03-50466 MD21-03-50498 MD21-03-50500 MD21-03-50502 MD21-03-50504 MD21-03-50506 MD21-03-50508 MD21-03-50510	EPA SW-846 Method 5035–Sampling EPA SW-846 Method 5035–Extraction EPA SW-846 Method 8260–Analysis	VOC
MD21-03-50544	MD21-03-50459 MD21-03-50469 MD21-03-50493 MD21-03-50497 MD21-03-50499 MD21-03-50505 MD21-03-50507	EPA SW-846 Method 5035–Sampling EPA SW-846 Method 5035–Extraction EPA SW-846 Method 8260–Analysis	VOC
MD21-03-50545	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50462 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50535 MD21-03-50537	EPA SW-846 Method 5035–Sampling EPA SW-846 Method 5035–Extraction EPA SW-846 Method 8260–Analysis	VOC

Table C-4.0-1
Analytical Methods for Radiochemical Analyses, SWMU 21-013(d)-99

Radiation and Radionuclide	Analytical Technique
Isotopic plutonium	Chemical separation/alpha spectroscopy
Isotopic thorium	Chemical separation/alpha spectroscopy
Isotopic uranium	Chemical separation/alpha spectroscopy
Americium-241	Chemical separation/alpha spectroscopy
Strontium-90	Gas proportional counting
Tritium	Liquid scintillation

Radionuclides with reported values lower than the minimum detectable concentration (MDC) were qualified as nondetected (U). The MDC for a radiochemical analyte is the minimum detectable activity expressed in concentration units relative to the sample weight or volume. Each radionuclide result also

was compared with the corresponding 1-sigma total propagated uncertainty (TPU). When a result was not greater than 3 times TPU, it was qualified as nondetected (U).

Radiochemical QA/QC Samples

Precision and bias of radiochemical analyses performed at off-site fixed laboratories were assessed using matrix spike samples, LCSs, method blanks, duplicates, and tracers.

The RRES-RS analytical services SOW specifies that matrix spike sample recoveries must be within ±25% of the certified value (LANL 2000, 71233). All spike sample recoveries met this acceptance criterion.

LCSs were analyzed to assess the accuracy of the radionuclide analyses and to monitor the overall performance of each step during the analysis, including radiochemical separation preparation. The RRES-RS analytical services SOW specifies that LCS recoveries should be within ±25% of the certified value (LANL 2000, 71233). All LCS results for individual LCSs were within the ±25% recovery control limit.

Method blanks are used to assess bias. The RRES-RS analytical services SOW specifies that a method blank concentration should not exceed the required estimated quantitation limit (EQL) (LANL 2000, 71233). All method blanks met this criterion.

Four sampled duplicates were analyzed to assess field and laboratory precision. All precision criteria specified in the RRES-RS analytical services SOW (LANL 2000, 71233) were met.

The RRES-RS analytical services SOW specifies that tracer sample recoveries must be within 30-105% of the certified value (LANL 2000, 71233). All tracer sample recoveries met this acceptance criterion.

C-5.0 DATA VALIDATION

Table C-5.0-1 lists data qualifiers applied during the Laboratory validation process.

Table C-5.0-1
Data Qualifiers for Data Validation Procedure, SWMU 21-013(d)-99

Qualifier	Explanation
U	The analyte was analyzed for but not detected. Reported value is the sample-specific estimated quantitation limit or detection limit.
J	The reported value is estimated.
J+	The reported value is estimated and biased high.
J-	The reported value is estimated and biased low.
UJ	The analyte was analyzed for but not detected. Reported value is an estimate of the sample-specific quantitation limit or detection limit.
R	The sample results were rejected because of serious deficiencies in the ability to analyze the sample and meet quality control criteria; presence cannot be verified.

C-5.1 Inorganic Data Review

Table C-5.1-1 lists samples qualified by the Laboratory validation process and an explanation for each Laboratory qualifier. Much of the antimony data was rejected because of poor matrix spike recovery. Because the parent sample result was less than the instrument detection limit, the affected samples were rejected for risk purposes. The remaining data set is complete and useable for the intended purpose.

Table C-5.1-1
Inorganic Data Quality Evaluation, SWMU 21-013(d)-99

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1589S	MD21-03-50479 MD21-03-50476 MD21-03-50477 MD21-03-50478 MD21-03-50480 MD21-03-50481 MD21-03-50486 MD21-03-50487	21-01935 21-01934 21-01934 21-01935 21-01936 21-01936 21-01941 21-01941	Metals	Antimony	Data is qualified as unusable (R); MS spike recovery was <30%.
1589S	MD21-03-50479 MD21-03-50476 MD21-03-50477 MD21-03-50478 MD21-03-50480 MD21-03-50481 MD21-03-50486 MD21-03-50487	21-01935 21-01934 21-01934 21-01935 21-01936 21-01936 21-01941 21-01941	Metals	Barium	Estimated and biased low (J-; UJ for undetected analytes); recovery was below lower acceptance level (LAL) but >30% in spike sample.
1589S	MD21-03-50476	21-01934	Metals	Aluminum Calcium Iron Potassium Magnesium Manganese Lead	Estimated (J; UJ for undetected analytes); serial dilution sample RPD was >10% and sample result was >50 times method detection limit (MDL) (>100 times MDL for inductively coupled plasma mass spectroscopy (ICPMS).
1589S	MD21-03-50476 MD21-03-50478	21-01934 21-01935	Metals	Cadmium	Estimated (J); results were between EQL and MDL.
1589S	MD21-03-50479 MD21-03-50476 MD21-03-50477 MD21-03-50478 MD21-03-50480 MD21-03-50486 MD21-03-50487	21-01935 21-01934 21-01934 21-01935 21-01936 21-01941 21-01941	Metals	Selenium	Estimated (J); results were between EQL and MDL.
1589S	MD21-03-50479 MD21-03-50476 MD21-03-50477 MD21-03-50478 MD21-03-50481 MD21-03-50486 MD21-03-50487	21-01935 21-01934 21-01934 21-01935 21-01936 21-01941 21-01941	Metals	Silver	Estimated (J); results were between EQL and MDL.

Table C-5.1-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1589S	MD21-03-50477 MD21-03-50478 MD21-03-50480 MD21-03-50486	21-01934 21-01935 21-01936 21-01941	Metals	Thallium	Estimated (J); results were between EQL and MDL.
1592S	MD21-03-50475 MD21-03-50472 MD21-03-50473 MD21-03-50474 MD21-03-50485 MD21-03-50482 MD21-03-50484 MD21-03-50494 MD21-03-50538	21-01933 21-01932 21-01932 21-01933 21-01940 21-01939 21-01940 21-09009 21-01939	Metals	Antimony	Data is qualified as unusable (R); MS spike recovery was <30%.
1592S	MD21-03-50475 MD21-03-50472 MD21-03-50473 MD21-03-50474 MD21-03-50484 MD21-03-50485 MD21-03-50482 MD21-03-50494 MD21-03-50538	21-01933 21-01932 21-01932 21-01933 21-01940 21-01940 21-01939 21-09009 21-01939	Metals	Barium	Estimated and biased low (J-; UJ for undetected analytes); recovery was <LAL but >30% in spike sample.
1592S	MD21-03-50494 MD21-03-50538	21-09009 21-01939	Metals	Cadmium	Estimated (J); results were between EQL and MDL.
1592S	MD21-03-50485 MD21-03-50538	21-01940 21-01939	Metals	Mercury	Estimated (J); results were between EQL and MDL.
1592S	MD21-03-50475 MD21-03-50473 MD21-03-50474 MD21-03-50484 MD21-03-50485 MD21-03-50494 MD21-03-50538	21-01933 21-01932 21-01933 21-01940 21-01940 21-09009 21-01939	Metals	Selenium	Estimated (J); results were between EQL and MDL.
1592S	MD21-03-50475 MD21-03-50472 MD21-03-50473 MD21-03-50474 MD21-03-50484 MD21-03-50485 MD21-03-50482 MD21-03-50494	21-01933 21-01932 21-01932 21-01933 21-01940 21-01940 21-01939 21-09009	Metals	Silver	Estimated (J); results were between EQL and MDL.
1592S	MD21-03-50475 MD21-03-50473 MD21-03-50485 MD21-03-50494 MD21-03-50538	21-01933 21-01932 21-01940 21-09009 21-01939	Metals	Thallium	Estimated (J); results were between EQL and MDL.

Table C-5.1-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1596S	MD21-03-50458 MD21-03-50460 MD21-03-50468 MD21-03-50470 MD21-03-50492 MD21-03-50496	21-01923 21-01924 21-01928 21-01929 21-09008 21-09010	Metals	Antimony	Data is qualified as unusable (R); MS spike recovery was <30%.
1596S	MD21-03-50458 MD21-03-50460 MD21-03-50470 MD21-03-50468 MD21-03-50492 MD21-03-50496	21-01923 21-01924 21-01929 21-01928 21-09008 21-09010	Metals	Barium Magnesium Mercury Potassium	Estimated and biased high (J+; UJ for undetected analytes); recovery was >150% in spike sample.
1596S	MD21-03-50458 MD21-03-50460 MD21-03-50470	21-01923 21-01924 21-01929	Metals	Cadmium	Estimated (J); results were between EQL and MDL.
1596S	MD21-03-50458 MD21-03-50468	21-01923 21-01928	Metals	Selenium	Estimated (J) results were between EQL and MDL.
1596S	MD21-03-50458 MD21-03-50460 MD21-03-50468 MD21-03-50470 MD21-03-50492 MD21-03-50496	21-01923 21-01924 21-01928 21-01929 21-09008 21-09010	Metals	Silver	Estimated (J); results were between EQL and MDL.
1596S	MD21-03-50460	21-01924	Metals	Thallium	Estimated (J); results were between EQL and MDL.
1599S	MD21-03-50452 MD21-03-50454 MD21-03-50456 MD21-03-50464 MD21-03-50466 MD21-03-50498 MD21-03-50500 MD21-03-50502 MD21-03-50504 MD21-03-50506 MD21-03-50508 MD21-03-50510	21-01920 21-01921 21-01922 21-01926 21-01927 21-09011 21-03-21722 21-03-21721 21-03-21720 21-03-21719 21-03-21718 21-03-21717	Metals	Antimony	Data is qualified as unusable (R); MS spike recovery was <30%.

Table C-5.1-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1599S	MD21-03-50452 MD21-03-50454 MD21-03-50456 MD21-03-50464 MD21-03-50466 MD21-03-50498 MD21-03-50500 MD21-03-50502 MD21-03-50504 MD21-03-50508 MD21-03-50506 MD21-03-50510	21-01920 21-01921 21-01922 21-01926 21-01927 21-09011 21-03-21722 21-03-21721 21-03-21720 21-03-21718 21-03-21719 21-03-21717	Metals	Barium Magnesium Mercury Potassium	Estimated and biased high (J+; UJ for undetected analytes); recovery was >150% in spike sample.
1599S	MD21-03-50452 MD21-03-50456 MD21-03-50498 MD21-03-50500 MD21-03-50504 MD21-03-50506 MD21-03-50510	21-01920 21-01922 21-09011 21-03-21722 21-03-21720 21-03-21719 21-03-21717	Metals	Cadmium	Estimated (J); results were between EQL and MDL.
1599S	MD21-03-50454 MD21-03-50498 MD21-03-50504 MD21-03-50506 MD21-03-50508 MD21-03-50510	21-01921 21-09011 21-03-21720 21-03-21719 21-03-21718 21-03-21717	Metals	Selenium	Estimated (J); results were between EQL and MDL.
1599S	MD21-03-50452 MD21-03-50454 MD21-03-50456 MD21-03-50464 MD21-03-50466 MD21-03-50498 MD21-03-50500 MD21-03-50502 MD21-03-50504 MD21-03-50506 MD21-03-50508 MD21-03-50510	21-01920 21-01921 21-01922 21-01926 21-01927 21-09011 21-03-21722 21-03-21721 21-03-21720 21-03-21719 21-03-21718 21-03-21717	Metals	Silver	Estimated (J); results were between EQL and MDL.
1599S	MD21-03-50466 MD21-03-50500 MD21-03-50510	21-01927 21-03-21722 21-03-21717	Metals	Thallium	Estimated (J); results were between EQL and MDL.
1602S	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50512 MD21-03-50514	21-01929 21-09009 21-03-21722 21-03-21721 21-03-21716 21-03-21715	Metals	Aluminum Calcium	Estimated and biased high (J+: detected analytes only); analyte was recovered above upper acceptance level (UAL) but <150% in spike sample.

Table C-5.1-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1602S	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50512 MD21-03-50514	21-01929 21-09009 21-03-21722 21-03-21721 21-03-21716 21-03-21715	Metals	Antimony	Estimated and biased low (J-; UJ for undetected analytes); recovery was <LAL but >30% in spike sample.
1602S	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50512 MD21-03-50514	21-01929 21-09009 21-03-21722 21-03-21721 21-03-21716 21-03-21715	Metals	Chromium	Estimated (J; UJ for undetected analytes); both sample and duplicate sample results were ≥5 times reporting limit (RL) and duplicate RPD was <20% for water samples and <35% for soil samples.
1602S	MD21-03-50514	21-03-21715	Metals	Antimony	Estimated (J); results were between EQL and MDL.
1602S	MD21-03-50514	21-03-21715	Metals	Cadmium	Estimated (J); results were between EQL and MDL.
1602S	MD21-03-50471 MD21-03-50495 MD21-03-50501	21-01929 21-09009 21-03-21722	Metals	Selenium	Estimated (J); results were between EQL and MDL.
1602S	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50512 MD21-03-50514	21-01929 21-09009 21-03-21722 21-03-21721 21-03-21716 21-03-21715	Metals	Silver	Estimated (J); results were between EQL and MDL.
1602S	MD21-03-50495	21-09009	Metals	Thallium	Estimated (J); results were between EQL and MDL.
1607S	MD21-03-50459 MD21-03-50469 MD21-03-50493 MD21-03-50497 MD21-03-50499 MD21-03-50505 MD21-03-50507	21-01923 21-01928 21-09008 21-09010 21-09011 21-03-21720 21-03-21719	Metals	Aluminum Calcium	Estimated and biased high (J+ for detected analytes only); recovery was >UAL but <150% in spike sample.
1607S	MD21-03-50459 MD21-03-50469 MD21-03-50493 MD21-03-50497 MD21-03-50499 MD21-03-50505 MD21-03-50507	21-01923 21-01928 21-09008 21-09010 21-09011 21-03-21720 21-03-21719	Metals	Antimony	Estimated and biased low (J-; UJ for undetected analytes); recovery was <LAL but >30% in spike sample.
1607S	MD21-03-50459 MD21-03-50469 MD21-03-50493 MD21-03-50497 MD21-03-50499 MD21-03-50505 MD21-03-50507	21-01923 21-01928 21-09008 21-09010 21-09011 21-03-21720 21-03-21719	Metals	Chromium	Estimated (J; UJ for undetected analytes); both sample and duplicate sample results were ≥5 times RL and duplicate RPD was >20% for water samples and >35% for soil samples.

Table C-5.1-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1607S	MD21-03-50505	21-03-21720	Metals	Mercury	Estimated (J); results were between EQL and MDL.
1607S	MD21-03-50469 MD21-03-50497 MD21-03-50499 MD21-03-50505 MD21-03-50507	21-01928 21-09010 21-09011 21-03-21720 21-03-21719	Metals	Selenium	Estimated (J); results were between EQL and MDL.
1607S	MD21-03-50469 MD21-03-50493 MD21-03-50497 MD21-03-50499	21-01928 21-09008 21-09010 21-09011	Metals	Silver	Estimated (J); results were between EQL and MDL.
1607S	MD21-03-50459 MD21-03-50469 MD21-03-50499 MD21-03-50505 MD21-03-50507	21-01923 21-01928 21-09011 21-03-21720 21-03-21719	Metals	Thallium	Estimated (J); results were between EQL and MDL.
1614S	MD21-03-50453	21-01920	Metals	Cadmium	Estimated (J); the results were between EQL and MDL.
1614S	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50526 MD21-03-50528 MD21-03-50535 MD21-03-50537 MD21-03-50462	21-01920 21-01921 21-01922 21-01924 21-01925 21-01926 21-01927 21-03-21718 21-03-21717 21-03-21716 21-03-21715 21-03-21725 21-03-21724 21-01922 21-03-21718 21-01925	Metals	Chromium Magnesium	Estimated and biased high (J+, detected analytes only); recovery was >UAL but <150% in spike sample.
1614S	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50526 MD21-03-50528 MD21-03-50535 MD21-03-50537 MD21-03-50462	21-01920 21-01921 21-01922 21-01924 21-01925 21-01926 21-01927 21-03-21718 21-03-21717 21-03-21716 21-03-21715 21-03-21725 21-03-21724 21-01922 21-03-21718 21-01925	Metals	Antimony	Estimated and biased low (J-; UJ for undetected analytes); recovery was <LAL but >30% in spike sample.

Table C-5.1-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1614S	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50526 MD21-03-50528 MD21-03-50535 MD21-03-50537 MD21-03-50462	21-01920 21-01921 21-01922 21-01924 21-01925 21-01926 21-01927 21-03-21718 21-03-21717 21-03-21716 21-03-21715 21-03-21725 21-03-21724 21-01922 21-03-21718 21-01925	Metals	Iron	Estimated (J; UJ for undetected analytes); both sample and duplicate sample results ≥5 times RL and duplicate RPD was >20% for water samples and >35% for soil samples.
1614S	MD21-03-50526 MD21-03-50462	21-03-21725 21-01925	Metals	Antimony	Estimated (J); results were between EQL and MDL.
1614S	MD21-03-50453 MD21-03-50457 MD21-03-50463 MD21-03-50513 MD21-03-50528 MD21-03-50462	21-01920 21-01922 21-01925 21-03-21716 21-03-21724 21-01925	Metals	Mercury	Estimated (J); results were between EQL and MDL.
1614S	MD21-03-50455 MD21-03-50467	21-01921 21-01927	Metals	Cobalt	Estimated (J); results were between EQL and MDL.
1614S	MD21-03-50455 MD21-03-50526 MD21-03-50537	21-01921 21-03-21725 21-03-21718	Metals	Selenium	Estimated (J); results were between EQL and MDL.
1614S	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50526 MD21-03-50528 MD21-03-50535 MD21-03-50537 MD21-03-50462	21-01920 21-01921 21-01922 21-01924 21-01925 21-01926 21-01927 21-03-21718 21-03-21717 21-03-21716 21-03-21715 21-03-21725 21-03-21724 21-01922 21-03-21718 21-01925	Metals	Silver	Estimated (J); results were between EQL and MDL.

Table C-5.1-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1614S	MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50467 MD21-03-50511 MD21-03-50515 MD21-03-50528 MD21-03-50535 MD21-03-50462	21-01921 21-01922 21-01924 21-01925 21-01927 21-03-21717 21-03-21715 21-03-21724 21-01922 21-01925	Metals	Thallium	Estimated (J); results were between EQL and MDL.
1624S	MD21-03-50548 MD21-03-50516 MD21-03-50517 MD21-03-50518 MD21-03-50519 MD21-03-50520 MD21-03-50521 MD21-03-50522 MD21-03-50523 MD21-03-50524 MD21-03-50525 MD21-03-50536	21-03-21726 21-03-21730 21-03-21730 21-03-21729 21-03-21729 21-03-21728 21-03-21728 21-03-21727 21-03-21727 21-03-21726 21-03-21726 21-03-21727	Metals	Antimony	Data is qualified as unusable (R); MS spike recovery was <30%.
1624S	MD21-03-50516	21-03-21730	Metals	Nickel Potassium	Estimated (J; UJ for undetected analytes); serial dilution sample RPD was >10 and sample result was >50 times MDL (>100 times MDL for ICPMS).
1624S	MD21-03-50548 MD21-03-50520 MD21-03-50525	21-03-21726 21-03-21728 21-03-21726	Metals	Mercury	Estimated (J); results were between EQL and MDL.
1624S	MD21-03-50516 MD21-03-50518 MD21-03-50519 MD21-03-50522 MD21-03-50523 MD21-03-50524 MD21-03-50525	21-03-21730 21-03-21729 21-03-21729 21-03-21727 21-03-21727 21-03-21726 21-03-21726	Metals	Selenium	Estimated (J); results were between EQL and MDL.

Table C-5.1-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1624S	MD21-03-50548 MD21-03-50516 MD21-03-50517 MD21-03-50518 MD21-03-50519 MD21-03-50520 MD21-03-50521 MD21-03-50522 MD21-03-50523 MD21-03-50524 MD21-03-50525 MD21-03-50536	21-03-21726 21-03-21730 21-03-21730 21-03-21729 21-03-21729 21-03-21728 21-03-21728 21-03-21727 21-03-21727 21-03-21726 21-03-21726 21-03-21727	Metals	Silver	Estimated (J); results were between EQL and MDL.
1624S	MD21-03-50523 MD21-03-50524	21-03-21727 21-03-21726	Metals	Thallium	Estimated (J); results were between EQL and MDL.

C-5.2 Organic Data Review

Table C-5.2-1 lists samples qualified by Laboratory validation process and an explanation for each Laboratory qualifier. Acetone was detected at low levels in most samples and their associated trip blanks. The data set is complete and useable for the intended purpose.

Table C-5.2-1
Organic Data Quality Evaluation, SWMU 21-013(d)-99

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1588S	MD21-03-50487	21-01941	VOC	4-Isopropyltoluene	Not detected (U); mass spectrum did not meet method specifications.
1588S	MD21-03-50477 MD21-03-50480 MD21-03-50476 MD21-03-50478 MD21-03-50479 MD21-03-50481 MD21-03-50486 MD21-03-50487	21-01934 21-01936 21-01934 21-01935 21-01935 21-01936 21-01941 21-01941	VOC	Acetone	Not detected (U); sample concentration was <10 times amount in trip blank.
1588S	MD21-03-50476	21-01934	SVOC	Benzo(g,h,i)perylene Indeno(1,2,3-cd)pyrene Benzo(k)fluoranthene Benzo(a)pyrene Benz(a)anthracene	Not detected (U); mass spectrum did not meet method specifications.
1588S	MD21-03-50486	21-01941	SVOC	Indeno(1,2,3-cd)pyrene Benzo(a)pyrene Benz(a)anthracene	Not detected (U); mass spectrum did not meet method specifications.

Table C-5.2-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1591S	MD21-03-50472 MD21-03-50473 MD21-03-50474 MD21-03-50475 MD21-03-50485 MD21-03-50482 MD21-03-50484 MD21-03-50494 MD21-03-50538	21-01932 21-01932 21-01933 21-01933 21-01940 21-01939 21-01940 21-09009 21-01939	SVOC	Benzyl alcohol	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.
1591S	MD21-03-50472 MD21-03-50473 MD21-03-50474 MD21-03-50475 MD21-03-50482 MD21-03-50484 MD21-03-50485 MD21-03-50494 MD21-03-50538	21-01932 21-01932 21-01933 21-01933 21-01939 21-01940 21-01940 21-09009 21-01939	VOC	Acetone	Not detected (U); sample concentration was <10 times amount in trip blank.
1595S	MD21-03-50460	21-01924	VOC	1,1-Dichloroethene	Not detected (U); mass spectrum did not meet method specifications.
1595S	MD21-03-50458 MD21-03-50460 MD21-03-50468 MD21-03-50470 MD21-03-50492 MD21-03-50496	21-01923 21-01924 21-01928 21-01929 21-09008 21-09010	VOC	Acetone	Not detected (U); sample concentration was <10 times amount in trip blank.
1595S	MD21-03-50458 MD21-03-50460	21-01923 21-01924	SVOC	1,2-Dichlorobenzene	Not detected (U); mass spectrum did not meet method specifications.
1595S	MD21-03-50470	21-01929	SVOC	Bis(2-ethylhexyl)phthalate	Not detected (U); mass spectrum did not meet method specifications.
1595S	MD21-03-50458 MD21-03-50460 MD21-03-50468 MD21-03-50470 MD21-03-50492 MD21-03-50496	21-01923 21-01924 21-01928 21-01929 21-09008 21-09010	SVOC	Benzyl alcohol Benzoic acid	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.

Table C-5.2-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1598S	MD21-03-50456	21-01922	VOC	1-Propylbenzene n-Butylbenzene 4-Chlorotoluene 1.4-Dichlorobenzene 1,3,5-Trimethylbenzene Bromobenzene Butylbenzene[sec-] 1,3-Dichlorobenzene 1,1,2,2-Tetrachloroethane 2-Chlorotoluene 1,2-Dichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloropropane 1,2,3-Trichloropropane tert-Butylbenzene Isopropylbenzene	Results/reporting limits are estimated (J)/(UJ); IS area counts are <50% but >10% of previous continuing calibration standard.
1598S	MD21-03-50456	21-01922	VOC	4-Isopropyltoluene	Not detected (U); mass spectrum did not meet method specifications.
1598S	MD21-03-50456	21-01922	VOC	4-Isopropyltoluene	Results/reporting limits are estimated (J)/(UJ); IS area counts are <50% or >200% of previous continuing calibration standard.
1598S	MD21-03-50498 MD21-03-50504 MD21-03-50510	21-09011 21-03-21720 21-03-21717	VOC	1-Propylbenzene n-Butylbenzene 4-Chlorotoluene 1.4-Dichlorobenzene 1,3,5-Trimethylbenzene Bromobenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,1,2,2-Tetrachloroethane 2-Chlorotoluene 1,2-Dichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloropropane 1,2,3-Trichloropropane tert-Butylbenzene Isopropylbenzene 4-Isopropyltoluene	Results/reporting limits are estimated (J)/(UJ); IS area counts are <50% but >10% of previous continuing calibration standard.
1598S	MD21-03-50504 MD21-03-50510	21-03-21720 21-03-21717	VOC	Acetone	Not detected (U); mass spectrum did not meet method specifications.
1598S	MD21-03-50508	21-03-21718	VOC	Acetone	Not detected (U); sample concentration was <10 times amount in method blank.

Table C-5.2-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1598S	MD21-03-50498 MD21-03-50500	21-09011 21-03-21722	SVOC	Di-n-octylphthalate Benzo(g,h,i)perylene Indeno(1,2,3-cd)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Dibenz(a,h)anthracene	Estimated (J)/(UJ); IS area counts are <50% but >10% compared to area counts in applicable continuing calibration standard.
1598S	MD21-03-50452 MD21-03-50454 MD21-03-50508 MD21-03-50510	21-01920 21-01921 21-03-21718 21-03-21717	SVOC	Bis(2-ethylhexyl)phthalate	Not detected (U); mass spectrum did not meet method specifications.
1598S	MD21-03-50456 MD21-03-50498	21-01922 21-09011	SVOC	Bis(2-ethylhexyl)phthalate Pyrene	Not detected (U); mass spectrum did not meet method specifications.
1598S	MD21-03-50500	21-03-21722	SVOC	Bis(2-ethylhexyl)phthalate Pyrene Fluoranthene	Not detected (U); mass spectrum did not meet method specifications.
1598S	MD21-03-50464	21-01926	SVOC	Benzo(b)fluoranthene	Not detected (U); mass spectrum did not meet method specifications.
1598S	MD21-03-50452 MD21-03-50454 MD21-03-50456 MD21-03-50464 MD21-03-50466 MD21-03-50498 MD21-03-50500 MD21-03-50502 MD21-03-50504 MD21-03-50506 MD21-03-50508 MD21-03-50510	21-01920 21-01921 21-01922 21-01926 21-01927 21-09011 21-03-21722 21-03-21721 21-03-21720 21-03-21719 21-03-21718 21-03-21717	SVOC	Benzyl alcohol Benzoic acid	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.
1601S	MD21-03-50514	21-03-21715	VOC	1-Propylbenzene n-Butylbenzene 4-Chlorotoluene 1,4-Dichlorobenzene 1,3,5-Trimethylbenzene Bromobenzene sec-Butylbenzene 1,3-Dichlorobenzene 2-Chlorotoluene 1,2-Dichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloropropane tert-Butylbenzene 4-Isopropyltoluene	Results/reporting limits are estimated (J)/(UJ); IS area counts are <50% but >10% of previous continuing calibration standard.

Table C-5.2-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1601S	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50514 MD21-03-50512	21-01929 21-09009 21-03-21722 21-03-21721 21-03-21715 21-03-21716	VOC	Acetone	Not detected (U); sample concentration was <10 times amount in trip blank.
1601S	MD21-03-50471	21-01929	SVOC	Bis(2-ethylhexyl)phthalate	Not detected (U); mass spectrum did not meet method specifications.
1601S	MD21-03-50514	21-03-21715	SVOC	Benzo(b)fluoranthene Chrysene Phenanthrene	Not detected (U); mass spectrum did not meet method specifications.
1601S	MD21-03-50471 MD21-03-50503 MD21-03-50495 MD21-03-50501 MD21-03-50514 MD21-03-50512	21-01929 21-03-21721 21-09009 21-03-21722 21-03-21715 21-03-21716	SVOC	Benzyl alcohol	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.
1608S	MD21-03-50459 MD21-03-50469 MD21-03-50497 MD21-03-50493 MD21-03-50499 MD21-03-50507	21-01923 21-01928 21-09010 21-09008 21-09011 21-03-21719	VOC	1,1-Dichloroethene	Not detected (U); mass spectrum did not meet method specifications.
1608S	MD21-03-50459 MD21-03-50469 MD21-03-50497 MD21-03-50493 MD21-03-50499 MD21-03-50507 MD21-03-50505	21-01923 21-01928 21-09010 21-09008 21-09011 21-03-21719 21-03-21720	VOC	Acetone	Not detected (U); sample concentration was <10 times amount in trip blank.
1608S	MD21-03-50459 MD21-03-50497	21-01923 21-09010	SVOC	Benzo(g,h,i)perylene	Not detected (U); mass spectrum did not meet method specifications.
1608S	MD21-03-50493	21-09008	SVOC	Bis(2-ethylhexyl)phthalate	Not detected (U); mass spectrum did not meet method specifications.
1608S	MD21-03-50497	21-09010	SVOC	Benzo(g,h,i)perylene	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.

Table C-5.2-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1608S	MD21-03-50459 MD21-03-50469 MD21-03-50493 MD21-03-50499 MD21-03-50507 MD21-03-50505	21-01923 21-01928 21-09008 21-09011 21-03-21719 21-03-21720	SVOC	Benzyl alcohol	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.
1613S	MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50513 MD21-03-50515	21-01925 21-01926 21-01927 21-03-21716 21-03-21715	VOC	1,1-Dichloroethene	Not detected (U); mass spectrum did not meet method specifications.
1613S	MD21-03-50535	21-01922	VOC	Methylene chloride	Not detected (U); mass spectrum did not meet method specifications.
1613S	MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50462	21-01921 21-01922 21-01924 21-01925 21-01926 21-01927 21-03-21718 21-03-21717 21-03-21716 21-01925	VOC	cis-1,3-Dichloropropene	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.
1613S	MD21-03-50457 MD21-03-50453 MD21-03-50455 MD21-03-50461 MD21-03-50465 MD21-03-50463 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50535 MD21-03-50537 MD21-03-50462	21-01922 21-01920 21-01921 21-01924 21-01926 21-01925 21-01927 21-03-21718 21-03-21717 21-03-21716 21-03-21715 21-01922 21-03-21718 21-01925	VOC	Acetone	Not detected (U); sample concentration was <10 times amount in trip blank.
1613S	MD21-03-50467 MD21-03-50509 MD21-03-50515 MD21-03-50535	21-01927	SVOC	Bis(2-ethylhexyl)phthalate	Not detected (U); sample concentration was <10 times amount in method blank.

Table C-5.2-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1613S	MD21-03-50467 MD21-03-50509 MD21-03-50515	21-01927 21-03-21718 21-03-21715	SVOC	Bis(2-ethylhexyl)phthalate	Results/reporting limits are estimated and biased low (J-)/estimated (UJ); extraction holding time was exceeded by <2 times the method holding time.
1613S	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50462 MD21-03-50463 MD21-03-50465 MD21-03-50511 MD21-03-50513 MD21-03-50537	21-01920 21-01921 21-01922 21-01924 21-01925 21-01925 21-01926 21-03-21717 21-03-21716 21-03-21718	SVOC	Diethylphthalate	Results/reporting limits are estimated and biased low (J-)/estimated (UJ); extraction holding time was exceeded by <2 times the method holding time.
1613S	MD21-03-50467 MD21-03-50509 MD21-03-50515 MD21-03-50535	21-01927 21-03-21718 21-03-21715 21-01922	SVOC	Includes all analytes in Appendix D, Table D-1.0-3, SVOC target compound list.	Results/reporting limits are estimated and biased low (J-)/estimated (UJ); extraction holding time was exceeded by <2 times method holding time.
1613S	MD21-03-50535	21-01922	SVOC	Benzyl alcohol 2-Nitrophenol Bis(2-ethylhexyl)phthalate	Reporting limits are estimated (UJ); LCS recovery was <LAL but greater than 10%.
1613S	MD21-03-50467 MD21-03-50509 MD21-03-50515	21-01927 21-03-21718 21-03-21715	SVOC	Benzyl alcohol 2-Nitrophenol	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.
1613S	MD21-03-50462 MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50511 MD21-03-50513 MD21-03-50537	21-01925 21-01920 21-01921 21-01922 21-01924 21-01925 21-01926 21-03-21717 21-03-21716 21-03-21718	SVOC	Benzyl alcohol Bis(2-ethylhexyl)phthalate Benzoic acid 2-Methylphenol	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10% R.

Table C-5.2-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1623S	MD21-03-50524	21-03-21726	VOC	1-Propylbenzene n-Butylbenzene 4-Chlorotoluene 1.4-Dichlorobenzene 1,3,5-Trimethylbenzene Bromobenzene sec-Butylbenzene 1,3-Dichlorobenzene 2-Chlorotoluene 1,2-Dichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloropropane tert-Butylbenzene 4-Isopropyltoluene	Results/reporting limits are estimated (J)/(UJ); IS area counts are <50% but >10% of previous continuing calibration standard.
1623S	MD21-03-50516 MD21-03-50518	21-03-21730 21-03-21729	VOC	1,1-Dichloroethene	Not detected (U); mass spectrum did not meet method specifications.
1623S	MD21-03-50524	21-03-21726	VOC	cis-1,3-Dichloropropene	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.
1623S	MD21-03-50548 MD21-03-50516 MD21-03-50517 MD21-03-50518 MD21-03-50519 MD21-03-50520 MD21-03-50521 MD21-03-50522 MD21-03-50523 MD21-03-50524 MD21-03-50525 MD21-03-50536	21-03-21726 21-03-21730 21-03-21730 21-03-21729 21-03-21729 21-03-21728 21-03-21728 21-03-21727 21-03-21727 21-03-21726 21-03-21726 21-03-21727	VOC	Acetone	Not detected (U); sample concentration was <10 times amount in trip blank.
1623S	MD21-03-50518	21-03-21729	SVOC	Di-n-octylphthalate Benzo(g,h,i)perylene Indeno(1,2,3-cd)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Dibenz(a,h)anthracene	Results/reporting limits are estimated (J)/(UJ); IS area counts are <50% but >10% compared to area counts in continuing calibration standard.

Table C-5.2-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1623S	MD21-03-50516 MD21-03-50517 MD21-03-50518 MD21-03-50519 MD21-03-50521 MD21-03-50522 MD21-03-50524 MD21-03-50525 MD21-03-50536	21-03-21730 21-03-21730 21-03-21729 21-03-21729 21-03-21728 21-03-21727 21-03-21726 21-03-21726 21-03-21727	SVOC	Bis(2-ethylhexyl)phthalate	Not detected (U); sample concentration was <10 times amount in method blank.
1623S	MD21-03-50518	21-03-21729	SVOC	Di-n-octylphthalate	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.
1623S	MD21-03-50518	21-03-21729	SVOC	Hexachlorobenzene	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10% R.
1623S	MD21-03-50548 MD21-03-50516 MD21-03-50517 MD21-03-50519 MD21-03-50520 MD21-03-50521 MD21-03-50522 MD21-03-50523 MD21-03-50524 MD21-03-50525 MD21-03-50536	21-03-21726 21-03-21730 21-03-21730 21-03-21729 21-03-21728 21-03-21728 21-03-21727 21-03-21727 21-03-21726 21-03-21726 21-03-21727	SVOC	Di-n-octylphthalate Hexachlorobenzene	Reporting limits are estimated (UJ); LCS recovery was <LAL but >10%.

C-5.3 Radionuclide Data Review

Table C-5.3-1 lists samples qualified by the Laboratory validation process and an explanation for each Laboratory qualifier applied to particular analytes for listed sample numbers. The data set is complete and useable for the intended purpose.

Table C-5.3-1 also lists radionuclides qualified as not detected (U) because results were less than the MDC and less than 3 times the 1-sigma TPU.

Table C-5.3-1
Radionuclide Data Quality Evaluation, SWMU 21-013(d)-99

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1590S	MD21-03-50479 MD21-03-50481 MD21-03-50477 MD21-03-50487	21-01935 21-01936 21-01934 21-01941	Am_241	Americium-241	Not detected (U); sample concentration was <minimum detectable concentration (MDC).
1590S	MD21-03-50479 MD21-03-50476 MD21-03-50481 MD21-03-50478 MD21-03-50480 MD21-03-50486 MD21-03-50487	21-01935 21-01934 21-01936 21-01935 21-01936 21-01941 21-01941	Sr_90	Strontium-90	Not detected (U); sample concentration was <MDC.
1590S	MD21-03-50479 MD21-03-50476 MD21-03-50481 MD21-03-50477 MD21-03-50478 MD21-03-50486 MD21-03-50487	21-01935 21-01934 21-01936 21-01934 21-01935 21-01941 21-01941	ISO_PU	Plutonium-238	Not detected (U); sample concentration was <MDC.
1590S	MD21-03-50479	21-01935	ISO_PU	Plutonium-239	Not detected (U); sample concentration was <MDC.
1590S	MD21-03-50487	21-01941	ISO_U	Uranium-235	Not detected (U); sample concentration was <MDC.
1593S	MD21-03-50472 MD21-03-50473 MD21-03-50475 MD21-03-50485 MD21-03-50538	21-01932 21-01932 21-01933 21-01940 21-01939	Am_241	Americium-241	Not detected (U); sample concentration was <MDC.
1593S	MD21-03-50472 MD21-03-50473 MD21-03-50474 MD21-03-50475 MD21-03-50484 MD21-03-50482 MD21-03-50485 MD21-03-50494 MD21-03-50538	21-01932 21-01932 21-01933 21-01933 21-01940 21-01939 21-01940 21-09009 21-01939	Sr_90	Strontium-90	Not detected (U); sample concentration was <MDC.
1593S	MD21-03-50472 MD21-03-50473 MD21-03-50474 MD21-03-50475 MD21-03-50484 MD21-03-50482 MD21-03-50485 MD21-03-50494 MD21-03-50538	21-01932 21-01932 21-01933 21-01933 21-01940 21-01939 21-01940 21-09009 21-01939	ISO_PU	Plutonium-238	Not detected (U); sample concentration was <MDC.
1593S	MD21-03-50473 MD21-03-50475 MD21-03-50485	21-01932 21-01933 21-01940	ISO_PU	Plutonium-239	Not detected (U); sample concentration was <MDC.

Table C-5.3-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1593S	MD21-03-50475	21-01933	ISO_U	Uranium-235	Not detected (U); sample concentration was <3 times TPU.
1594S	MD21-03-50458 MD21-03-50460 MD21-03-50468 MD21-03-50496 MD21-03-50492	21-01923 21-01924 21-01928 21-09010 21-09008	Am_241	Americium-241	Not detected (U); sample concentration was <MDC.
1594S	MD21-03-50458 MD21-03-50460 MD21-03-50468 MD21-03-50492	21-01923 21-01924 21-01928 21-09008	Sr_90	Strontium-90	Not detected (U); sample concentration was <MDC.
1594S	MD21-03-50458 MD21-03-50460 MD21-03-50468 MD21-03-50470 MD21-03-50496 MD21-03-50492	21-01923 21-01924 21-01928 21-01929 21-09010 21-09008	ISO_PU	Plutonium-238	Not detected (U); sample concentration was <MDC.
1594S	MD21-03-50468	21-01928	ISO_PU	Plutonium-239	Not detected (U); sample concentration was <MDC.
1594S	MD21-03-50458	21-01923	ISO_U	Uranium-235	Not detected (U); sample concentration was <MDC.
1600S	MD21-03-50454 MD21-03-50464 MD21-03-50466 MD21-03-50502 MD21-03-50504 MD21-03-50506	21-01921 21-01926 21-01927 21-03-21721 21-03-21720 21-03-21720	Am_241	Americium-241	Not detected (U); sample concentration was <MDC.
1600S	MD21-03-50452 MD21-03-50454 MD21-03-50456 MD21-03-50464 MD21-03-50466 MD21-03-50498 MD21-03-50500 MD21-03-50502 MD21-03-50504 MD21-03-50506 MD21-03-50508	21-01920 21-01921 21-01922 21-01926 21-01927 21-09011 21-03-21722 21-03-21721 21-03-21720 21-03-21719 21-03-21718	Sr_90	Strontium-90	Not detected (U); sample concentration was <MDC.
1600S	MD21-03-50452 MD21-03-50454 MD21-03-50456 MD21-03-50464 MD21-03-50466 MD21-03-50498 MD21-03-50500 MD21-03-50502 MD21-03-50504 MD21-03-50506 MD21-03-50508 MD21-03-50510	21-01920 21-01921 21-01922 21-01926 21-01927 21-09011 21-03-21722 21-03-21721 21-03-21720 21-03-21719 21-03-21718 21-03-21717	ISO_PU	Plutonium-238	Not detected (U); sample concentration was <MDC.

Table C-5.3-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1600S	MD21-03-50454	21-01921	ISO_PU	Plutonium-239	Not detected (U); sample concentration was <MDC.
1600S	MD21-03-50510	21-03-21717	Sr_90	Strontium-90	Not detected (U); sample concentration was <3 times TPU.
1600S	MD21-03-50464 MD21-03-50506	21-01926 21-03-21719	ISO_U	Uranium-235	Not detected (U); sample concentration was <3 times TPU.
1603S	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50512	21-01929 21-09009 21-03-21722 21-03-21721 21-03-21716	Am_241	Americium-241	Not detected (U); sample concentration was <MDC.
1603S	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50512	21-01929 21-09009 21-03-21722 21-03-21721 21-03-21716	Sr_90	Strontium-90	Not detected (U); sample concentration was <MDC.
1603S	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50512 MD21-03-50514	21-01929 21-09009 21-03-21722 21-03-21721 21-03-21716 21-03-21715	ISO_PU	Plutonium-238	Not detected (U); sample concentration was <MDC.
1603S	MD21-03-50471 MD21-03-50495 MD21-03-50501 MD21-03-50503 MD21-03-50512	21-01929 21-09009 21-03-21722 21-03-21721 21-03-21716	ISO_PU	Plutonium-239	Not detected (U); sample concentration was <MDC.
1603S	MD21-03-50471 MD21-03-50501 MD21-03-50512	21-01929 21-03-21722 21-03-21716	ISO_U	Uranium-235	Not detected (U); sample concentration was <MDC.
1603S	MD21-03-50495 MD21-03-50503	21-09009 21-03-21721	ISO_U	Uranium-235	Not detected (U); sample concentration was <3 times TPU.
1606S	MD21-03-50459 MD21-03-50469 MD21-03-50493 MD21-03-50497 MD21-03-50499 MD21-03-50507	21-01923 21-01928 21-09008 21-09010 21-09011 21-03-21719	Am_241	Americium-241	Not detected (U); sample concentration was <MDC.
1606S	MD21-03-50459 MD21-03-50469 MD21-03-50493 MD21-03-50497 MD21-03-50499 MD21-03-50505 MD21-03-50507	21-01923 21-01928 21-09008 21-09010 21-09011 21-03-21720 21-03-21719	Sr_90	Strontium-90	Not detected (U); sample concentration was <MDC.

Table C-5.3-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1606S	MD21-03-50459 MD21-03-50469 MD21-03-50493 MD21-03-50497 MD21-03-50499 MD21-03-50505 MD21-03-50507	21-01923 21-01928 21-09008 21-09010 21-09011 21-03-21720 21-03-21719	ISO_PU	Plutonium-238	Not detected (U); sample concentration was <MDC.
1606S	MD21-03-50459 MD21-03-50469 MD21-03-50497 MD21-03-50507	21-01923 21-01928 21-09010 21-03-21719	ISO_PU	Plutonium-239	Not detected (U); sample concentration was <MDC.
1606S	MD21-03-50493 MD21-03-50497 MD21-03-50499	21-09008 21-09010 21-09011	ISO_U	Uranium-235	Not detected (U); sample concentration was <MDC.
1606S	MD21-03-50459 MD21-03-50469	21-01923 21-01928	ISO_U	Uranium-235	Not detected (U); the sample concentration was <3 times TPU.
1612S	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50535 MD21-03-50537	21-01920 21-01921 21-01922 21-01924 21-01925 21-01926 21-01927 21-03-21718 21-03-21717 21-03-21716 21-03-21715 21-01922 21-03-21718	Am_241	Americium-241	Not detected (U); sample concentration was <MDC.
1612S	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50526 MD21-03-50528 MD21-03-50535 MD21-03-50537 MD21-03-50462	21-01920 21-01921 21-01922 21-01924 21-01925 21-01926 21-01927 21-03-21718 21-03-21717 21-03-21716 21-03-21715 21-03-21725 21-03-21724 21-01922 21-03-21718 21-01925	Sr_90	Strontium-90	Not detected (U); sample concentration was <MDC.

Table C-5.3-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1612S	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50526 MD21-03-50535 MD21-03-50537 MD21-03-50462	21-01920 21-01921 21-01922 21-01924 21-01925 21-01926 21-01927 21-03-21718 21-03-21717 21-03-21716 21-03-21715 21-03-21725 21-01922 21-03-21718 21-01925	ISO_PU	Plutonium-238	Not detected (U); sample concentration was <MDC.
1612S	MD21-03-50453 MD21-03-50455 MD21-03-50457 MD21-03-50461 MD21-03-50463 MD21-03-50465 MD21-03-50467 MD21-03-50509 MD21-03-50511 MD21-03-50513 MD21-03-50515 MD21-03-50535 MD21-03-50537	21-01920 21-01921 21-01922 21-01924 21-01925 21-01926 21-01927 21-03-21718 21-03-21717 21-03-21716 21-03-21715 21-01922 21-03-21718	ISO_PU	Plutonium-239	Not detected (U); sample concentration was <MDC.
1612S	MD21-03-50463	21-01925	H3	Tritium	Not detected (U); sample concentration was <MDC.
1622S	MD21-03-50548 MD21-03-50520 MD21-03-50521 MD21-03-50522 MD21-03-50523 MD21-03-50524 MD21-03-50525 MD21-03-50536	21-03-21726 21-03-21728 21-03-21728 21-03-21727 21-03-21727 21-03-21726 21-03-21726 21-03-21727	Am_241	Americium-241	Not detected (U;) sample concentration was <MDC.
1622S	MD21-03-50548 MD21-03-50516 MD21-03-50517 MD21-03-50518 MD21-03-50519 MD21-03-50520 MD21-03-50521 MD21-03-50522 MD21-03-50523 MD21-03-50524 MD21-03-50525 MD21-03-50536	21-03-21726 21-03-21730 21-03-21730 21-03-21729 21-03-21729 21-03-21728 21-03-21728 21-03-21727 21-03-21727 21-03-21726 21-03-21726 21-03-21727	Sr_90	Strontium-90	Not detected (U); sample concentration was <MDC.

Table C-5.3-1 (continued)

Request	Sample ID	Location ID	Analytical Suite	Analyte	Explanation
1622S	MD21-03-50548 MD21-03-50517 MD21-03-50519 MD21-03-50520 MD21-03-50521 MD21-03-50522 MD21-03-50523 MD21-03-50525 MD21-03-50536	21-03-21726 21-03-21730 21-03-21729 21-03-21728 21-03-21728 21-03-21727 21-03-21727 21-03-21726 21-03-21727	ISO_PU	Plutonium-238	Not detected (U); sample concentration was <MDC.
1622S	MD21-03-50548 MD21-03-50522 MD21-03-50523 MD21-03-50536	21-03-21726 21-03-21727 21-03-21727 21-03-21727	ISO_PU	Plutonium-239	Not detected (U); sample concentration was <MDC.

C-6.0 REFERENCES

The following list includes all references cited in this appendix. Parenthetical information following each reference provides the author, publication date, and the ER record identification (ER ID) number. This information also is included in the citations in the text. ER ID numbers are assigned by RRES-RS (formerly the ER Project) to track records associated with the project. These numbers can be used to locate copies of the actual documents at the RRES-RS Records Processing Facility and, where applicable, with the ER Project/RRES-RS reference library titled "Reference Set for Material Disposal Areas, Technical Area 21."

Copies of the reference library are maintained at the NMED Hazardous Waste Bureau; the DOE Los Alamos Site Office; US Environmental Protection Agency, Region VI; and RRES-RS. This library is a living collection of documents that was developed to ensure that the administrative authority has all the necessary material to review the decisions and actions proposed in this document. However, documents previously submitted to the administrative authority are not included.

EPA (US Environmental Protection Agency, February 1994. "US EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review," EPA-540/R-94013, Office of Solid Waste and Emergency Response, Washington, DC. (EPA 1994, 48639)

EPA (US Environmental Protection Agency, February 1994. "US EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," EPA-540/R-94012, Office of Solid Waste and Emergency Response, Washington, DC. (EPA 1994, 48640)

EPA (US Environmental Protection Agency), December 1996. "Test Methods for Evaluating Solid Waste Laboratory Manual, Physical/Chemical Methods," SW-846 Third Edition, Update III, Revision 4, Washington, DC. (EPA 1996, 57589)

LANL (Los Alamos National Laboratory), 1996. "Quality Assurance Project Plan Requirements for Sampling and Analysis," Los Alamos National Laboratory document LA-UR-96-441, Los Alamos, New Mexico. (LANL 1996, 54609)

LANL (Los Alamos National Laboratory), 2000. "University Of California Los Alamos National Laboratory (LANL), I8980SOW0-8S Statement of Work for Analytical Laboratories," SOW Revision 1, Los Alamos, New Mexico. (LANL 2000, 71233)

Appendix D

Analytical Data

(see enclosed CD)

Appendix D

Analytical Suites and Results for 1994/1995 and 2003

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APPENDIX D ANALYTICAL SUITES AND RESULTS FOR 1994/1995 AND 2003

D-1.0 TARGET ANALYTES AND DETECTION LIMITS

Tables D-1.0-1 through D-1.0-4 include the estimated detection limits (EDLs), estimated quantitation limits (EQLs), and minimum detection limits (MDLs), as prescribed in the Los Alamos National Laboratory (the Laboratory) Environmental Restoration Project analytical services statement of work for contract laboratories (LANL 200, 71233.1) and the "Quality Assurance Project Plan Requirements for Sampling and Analysis" (LANL 1996, 54609). In most cases, the reporting limits for the analytes were significantly lower than the detection or quantitation limits in these tables. Sample-specific detection or quantitation limits for each analyte are accessible in the Facility for Information, Management, Analysis, and Display database.

Table D-1.0-1
Target Analytes and EDLs for Inorganic Chemical Analyses

Analyte	EPA[a] Sample Preparation Method	Analytical Technique	EDL (mg/kg)
Aluminum	3050A	ICPES[b]	40
Antimony	3050A	ICPES	12
Arsenic	7060/3050A	ICPES/GFAA[c]	2
Barium	3050A	ICPES	40
Beryllium	3050A	ICPES	1
Cadmium	3050A	ICPES	1
Calcium	3050A	ICPES	1000
Chromium	3050A	ICPES	2
Cobalt	3050A	ICPES	10
Copper	3050A	ICPES	5
Cyanide	9012	Colorimetric	0.05
Iron	3050A	ICPES	20
Lead	7421/3050A	ICPES/ICPMS[d]	0.6
Magnesium	3050A	ICPES	1000
Manganese	3050A	ICPES	3
Mercury	7471	CVAA[e]	0.1
Nickel	3050A	ICPES	8
Potassium	3050A	ICPES	1000
Selenium	7740/3050A	ICPES/GFAA	1
Silver	3050A	ICPES	2
Sodium	3050A	ICPES	1000
Thallium	7841/3050A	ICPES/GFAA/ICPMS	2
Vanadium	3050A	ICPES	10
Zinc	3050A	ICPES	4

[a] EPA=US Environmental Protection Agency.
[b] ICPES=inductively coupled plasma emission spectroscopy (by EPA SW-846 Method 6010).
[c] GFAA =graphite furnace atomic absorption.
[d] ICPMS=inductively coupled plasma mass spectrometry (by EPA SW-846 Method 6020).
[e] CVAA=cold vapor atomic absorption spectroscopy.

Table D-1.0-2
Target Analytes and Estimated Quantitation Limits for Volatile Organic Compound Analyses

Target Analyte	Soil/Solids EQL (µg/kg)
Chloromethane	10
Vinyl chloride	10
Bromomethane	10
Chloroethane	10
Acetone	20
Dichlorodifluoromethane	10
Iodomethane	5
Trichlorotrifluoroethane	5
Trichlorotrifluoromethane	5
Methyl chloride	5
1,1-Dichloroethane	5
Carbon disulfide	5
1,1-Dichloroethane	5
1,2-Dichloroethene (total)	10
Bromochloromethane	5
Chloroform	5
1,2-Dichloroethane	5
1,1-Dichloropropene	5
2-Butanone	20
2,2-Dichloropropane	5
1,1,1-Trichloroethane	5
Carbon tetrachloride	5
Benzene	5
1,2-Dichloropropane	5
Trichloroethene	5
Dibromomethane	5
Bromodichloromethane	5
t-1,3-Dichloropropene	5
c-1,3-Dichloroprepene	5
1,1,2-Trichloroethane	5

Target Analyte	Soil/Solids EQL (µg/kg)
1,3-Dichloropropane	5
Chlorodibromomethane	5
4-Methyl-2-pentanone	20
Toluene	5
2-Hexanone	20
1,2-Dibromenthane	5
Tetrachloroethene	5
Chlorobenzene	5
1,1,1,2-Tetrachloroethane	5
Ethylbenzene	5
o,m,p-Xylene (mixed)	5
Styrene	5
Bromoform	5
1,1,2,2-Tetrachloroethane	5
1,3-Dichloropropane	5
Chlorodibromomethane	5
4-Methyl-2-pentanone	20
Toluene	5
2-Hexanone	20
1,2-Dibromenthane	5
Tetrachloroethene	5
Chlorobenzene	5
1,1,1,2-Tetrachloroethane	5
Ethylbenzene	5
o,m,p-Xylene (mixed)	5
Styrene	5
Bromoform	5
1,1,2,2-Tetrachloroethane	5
1,3-Dichloropropane	5
Chlorodibromomethane	5

Note: All analyses were done by EPA contract laboratory program Method OLM2.0 or the equivalent EPA Method 8260. These methods are based on purge and trap sample extraction/concentration followed by gas chromatography/mass spectrometry.

Table D-1.0-3
Target Analytes and Estimated Quantitation Limits for Semivolatile Organic Compound Analyses

Target Analyte	Soil/Solids EQL (µg/kg)	Target Analyte	Soil/Solids EQL (µg/kg)
Nitroaniline[4-]	330	Dibenz(a,h)anthracene	33
Nitrophenol[4-]	330	Dinitro-2-methylphenol[4,6-]	330
Benzyl Alcohol	330	Dichlorobenzene[1,3-]	330
Bromophenyl-phenylether[4-]	330	Benzo(a)anthracene	33
Azobenzene	330	Chloro-3-methylphenol[4-]	330
Dimethylphenol[2,4-]	330	Dinitrotoluene[2,6-]	330
Methylphenol[4-]	330	Aniline	330
Dichlorobenzene[1,4-]	330	Nitrosodimethylamine[N-]	330
Chloroaniline[4-]	330	Nitroso-di-n-propylamine[N-]	330
Oxybis(1-chloropropane)[2,2'-]	330	Benzoic Acid	660
Phenol	330	Hexachloroethane	330
Pyridine	330	Chlorophenyl-phenyl[4-] Ether	330
Bis(2-chloroethyl)ether	330	Hexachlorocyclopentadiene	330
Bis(2-chloroethoxy)methane	330	Isophorone	330
Bis(2-ethylhexyl)phthalate	330	Acenaphthene	33
Di-n-octylphthalate	330	Di-n-butylphthalate	330
Hexachlorobenzene	330	Phenanthrene	33
Anthracene	33	Butylbenzylphthalate	330
Trichlorobenzene[1,2,4-]	330	Fluorene	33
Dichlorophenol[2,4-]	330	Hexachlorobutadiene	330
Dinitrotoluene[2,4-]	330	Pentachlorophenol	330
Nitrosodiphenylamine[N-]	330	Trichlorophenol[2,4,6-]	330
Pyrene	33	Nitroaniline[2-]	330
Dimethyl Phthalate	330	Nitrophenol[2-]	330
Dibenzofuran	330	Naphthalene	33
Benzo(g,h,i)perylene	33	Methylnaphthalene[2-]	33
Indeno(1,2,3-cd)pyrene	33	Chloronaphthalene[2-]	33
Benzo(b)fluoranthene	33	Dichlorobenzidine[3,3'-]	330
Fluoranthene	33	Methylphenol[2-]	330
Benzo(k)fluoranthene	33	Dichlorobenzene[1,2-]	330
Acenaphthylene	33	Chlorophenol[2-]	330
Chrysene	33	Trichlorophenol[2,4,5-]	330
Benzo(a)pyrene	33	Nitroaniline[3-]	330
Dinitrophenol[2,4-]	660	Diethylphthalate	330

Note: All analyses were done by EPA contract laboratory program Method OLM2.0 or the equivalent EPA Method 8270.

Table D-1.0-4
Target Analytes and Minimum Detection Limits for Radionuclide Analyses

Analyte List	Analytical Method	MDL
Gamma-emitting radionuclides	Gamma spectroscopy	1.0 pCi/g
Isotopic uranium	Chemical separation alpha spectroscopy	0.1 pCi/L
Isotopic thorium	Chemical separation alpha spectroscopy	0.1 pCi/L
Isotopic plutonium	Chemical separation alpha spectroscopy	0.1 pCi/L
Tritium	Liquid scintillation	300 pCi/L

Efforts were made to ensure that detection limits for inorganic analytes were below Laboratory background values (BVs). Instances in which the detection limits were greater than BVs are noted and discussed in Section 2.4.2 of this report.

D-2.0 ANALYTE SUITES AND DATA SUMMARY

Table D-2.0-1 presents all analytical results for the voluntary corrective action at Solid Waste Management Unit (SWMU) 21-013(d)-99. Table D-2.0-2 presents analytical result from previous investigations conducted for the voluntary corrective action at Solid Waste Management Unit 21-013(d)-99. The report qualifier “U” indicates the analyte was analyzed for but not detected and the reported value is the sample-specific EQL or detection limit. The report qualifier “J” indicates the reported value should be regarded as estimated. The report qualifier “J+” indicates the reported value should be regarded as estimated and biased high. The report qualifier “UJ” indicates the analyte was analyzed for but not detected and the reported value is an estimate of the sample-specific EQL or detection limit.

Table D-2.0-1
Analytical Results for SWMU 21-013(d)-99

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01920	MD21-03-50452	0–0.5	Soil	Acenaphthene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Acenaphthylene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Acetone	0.0056	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Aluminum	8980.0000	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Americium-241	0.0714	pCi/g	None
21-01920	MD21-03-50452	0–0.5	Soil	Aniline	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Anthracene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Arsenic	2.6000	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Azobenzene	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Barium	89.4000	mg/kg	J+
21-01920	MD21-03-50452	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Benzo(a)anthracene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Benzo(a)pyrene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Benzo(b)fluoranthene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Benzo(g,h,i)perylene	0.0378	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01920	MD21-03-50452	0–0.5	Soil	Benzo(k)fluoranthene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Benzoic Acid	0.7560	mg/kg	Uj
21-01920	MD21-03-50452	0–0.5	Soil	Benzyl Alcohol	0.3780	mg/kg	Uj
21-01920	MD21-03-50452	0–0.5	Soil	Beryllium	0.4620	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0356	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Butanone[2-]	0.0056	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Butylbenzylphthalate	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Cadmium	0.1080	mg/kg	J
21-01920	MD21-03-50452	0–0.5	Soil	Calcium	1310.0000	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Carbon Disulfide	0.0056	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chloroaniline[4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chloronaphthalene[2-]	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chlorophenol[2-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Chromium	8.7200	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Chrysene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Cobalt	4.7400	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Copper	5.3200	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Dibenz(a,h)anthracene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dibenzofuran	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01920	MD21-03-50452	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichlorophenol[2,4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Diethylphthalate	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dimethyl Phthalate	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dimethylphenol[2,4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Di-n-butylphthalate	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dinitrophenol[2,4-]	0.7560	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Di-n-octylphthalate	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Fluoranthene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Fluorene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Hexachlorobenzene	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Hexachlorobutadiene	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Hexachlorocyclopentadiene	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Hexachloroethane	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Hexanone[2-]	0.0056	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Iodomethane	0.0056	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01920	MD21-03-50452	0–0.5	Soil	Iron	10000.0000	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Isophorone	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Lead	20.1000	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Magnesium	1420.0000	mg/kg	J+
21-01920	MD21-03-50452	0–0.5	Soil	Manganese	295.0000	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Mercury	0.0185	mg/kg	J+
21-01920	MD21-03-50452	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0056	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Methylene Chloride	0.0056	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Methylnaphthalene[2-]	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Methylphenol[2-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Methylphenol[4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Naphthalene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Nickel	5.1800	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Nitroaniline[2-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Nitroaniline[3-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Nitroaniline[4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Nitrophenol[2-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Nitrophenol[4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Pentachlorophenol	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Phenanthrene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Phenol	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Plutonium-238	0.0183	pCi/g	U
21-01920	MD21-03-50452	0–0.5	Soil	Plutonium-239	0.9320	pCi/g	None
21-01920	MD21-03-50452	0–0.5	Soil	Potassium	1150.0000	mg/kg	J+
21-01920	MD21-03-50452	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Pyrene	0.0378	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Pyridine	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Selenium	0.5000	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Silver	0.0528	mg/kg	J
21-01920	MD21-03-50452	0–0.5	Soil	Sodium	63.2000	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Strontium-90	0.3100	pCi/g	U
21-01920	MD21-03-50452	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01920	MD21-03-50452	0–0.5	Soil	Thallium	0.1220	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Thorium-228	1.1700	pCi/g	None
21-01920	MD21-03-50452	0–0.5	Soil	Thorium-230	1.3700	pCi/g	None
21-01920	MD21-03-50452	0–0.5	Soil	Thorium-232	1.2800	pCi/g	None
21-01920	MD21-03-50452	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0056	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3780	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Tritium	0.1978	pCi/g	None
21-01920	MD21-03-50452	0–0.5	Soil	Uranium-234	1.4300	pCi/g	None
21-01920	MD21-03-50452	0–0.5	Soil	Uranium-235	0.0571	pCi/g	None
21-01920	MD21-03-50452	0–0.5	Soil	Uranium-238	1.4300	pCi/g	None
21-01920	MD21-03-50452	0–0.5	Soil	Vanadium	20.4000	mg/kg	None
21-01920	MD21-03-50452	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-01920	MD21-03-50452	0–0.5	Soil	Zinc	23.6000	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Acenaphthene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Acenaphthylene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Acetone	0.0495	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Aluminum	2090.0000	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Americium-241	0.0060	pCi/g	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Aniline	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Anthracene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Antimony	0.4030	mg/kg	Uj
21-01920	MD21-03-50453	3.5–4.5	Soil	Arsenic	2.6100	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Azobenzene	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Barium	38.8000	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Benzene	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Benzo(a)anthracene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Benzo(a)pyrene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.1070	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01920	MD21-03-50453	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Benzoic Acid	0.6720	mg/kg	Uj
21-01920	MD21-03-50453	3.5–4.5	Soil	Benzyl Alcohol	0.3360	mg/kg	Uj
21-01920	MD21-03-50453	3.5–4.5	Soil	Beryllium	0.4510	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.3360	mg/kg	Uj
21-01920	MD21-03-50453	3.5–4.5	Soil	Bromobenzene	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Bromochloromethane	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Bromoform	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Bromomethane	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Butanone[2-]	0.0065	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Butylbenzylphthalate	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Cadmium	0.0730	mg/kg	J
21-01920	MD21-03-50453	3.5–4.5	Soil	Calcium	782.0000	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Carbon Disulfide	0.0065	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chloroaniline[4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chloroethane	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chloroform	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chloromethane	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chlorophenol[2-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Chromium	15.5000	mg/kg	J+
21-01920	MD21-03-50453	3.5–4.5	Soil	Chrysene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Cobalt	1.8600	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Copper	5.1400	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dibenzofuran	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01920	MD21-03-50453	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dibromomethane	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0055	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Diethylphthalate	0.3360	mg/kg	Uj
21-01920	MD21-03-50453	3.5–4.5	Soil	Dimethyl Phthalate	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Di-n-butylphthalate	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6720	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Di-n-octylphthalate	0.0485	mg/kg	J
21-01920	MD21-03-50453	3.5–4.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Fluoranthene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Fluorene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Hexachlorobenzene	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Hexachlorobutadiene	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Hexachloroethane	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Hexanone[2-]	0.0065	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Iodomethane	0.0065	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01920	MD21-03-50453	3.5–4.5	Soil	Iron	4890.0000	mg/kg	J
21-01920	MD21-03-50453	3.5–4.5	Soil	Isophorone	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Isopropylbenzene	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Lead	7.7600	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Magnesium	766.0000	mg/kg	J+
21-01920	MD21-03-50453	3.5–4.5	Soil	Manganese	986.0000	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Mercury	0.0056	mg/kg	J
21-01920	MD21-03-50453	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0065	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Methylene Chloride	0.0065	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Methylphenol[2-]	0.3360	mg/kg	Uj
21-01920	MD21-03-50453	3.5–4.5	Soil	Methylphenol[4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Naphthalene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Nickel	12.2000	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Nitroaniline[2-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Nitroaniline[3-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Nitroaniline[4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Nitrophenol[2-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Nitrophenol[4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Pentachlorophenol	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Phenanthrene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Phenol	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Plutonium-238	-0.0000	pCi/g	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Plutonium-239	0.0096	pCi/g	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Potassium	267.0000	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Pyrene	0.0336	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Pyridine	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Selenium	0.5000	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Silver	0.0272	mg/kg	J
21-01920	MD21-03-50453	3.5–4.5	Soil	Sodium	98.6000	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Strontium-90	-0.0836	pCi/g	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Styrene	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Tetrachloroethene	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01920	MD21-03-50453	3.5–4.5	Soil	Thallium	0.1440	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Thorium-228	1.5300	pCi/g	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Thorium-230	1.0200	pCi/g	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Thorium-232	1.0500	pCi/g	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Toluene	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0065	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3360	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Tritium	0.0065	pCi/g	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Uranium-234	0.7280	pCi/g	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Uranium-235	0.0382	pCi/g	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Uranium-238	0.7900	pCi/g	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Vanadium	3.8800	mg/kg	None
21-01920	MD21-03-50453	3.5–4.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0026	mg/kg	U
21-01920	MD21-03-50453	3.5–4.5	Soil	Zinc	31.7000	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Acenaphthene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Acenaphthylene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Acetone	0.0049	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Aluminum	13870.0000	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Americium-241	-0.0380	pCi/g	U
21-01921	MD21-03-50454	0–0.5	Soil	Aniline	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Anthracene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Arsenic	3.0300	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Azobenzene	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Barium	170.0000	mg/kg	J+
21-01921	MD21-03-50454	0–0.5	Soil	Benzene	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Benzo(a)anthracene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Benzo(a)pyrene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Benzo(b)fluoranthene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Benzo(g,h,i)perylene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Benzo(k)fluoranthene	0.0375	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01921	MD21-03-50454	0–0.5	Soil	Benzoic Acid	0.7500	mg/kg	Uj
21-01921	MD21-03-50454	0–0.5	Soil	Benzyl Alcohol	0.3750	mg/kg	Uj
21-01921	MD21-03-50454	0–0.5	Soil	Beryllium	0.6470	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0415	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Bromobenzene	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Bromochloromethane	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Bromoform	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Bromomethane	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Butanone[2-]	0.0049	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Butylbenzylphthalate	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Cadmium	0.5220	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Calcium	3550.0000	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Carbon Disulfide	0.0049	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chloroaniline[4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chlorobenzene	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chloroethane	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chloroform	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chloromethane	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chloronaphthalene[2-]	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chlorophenol[2-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Chromium	10.5000	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Chrysene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Cobalt	4.6500	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Copper	5.3100	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Dibenz(a,h)anthracene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dibenzofuran	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01921	MD21-03-50454	0–0.5	Soil	Dibromomethane	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichlorophenol[2,4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Diethylphthalate	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dimethyl Phthalate	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dimethylphenol[2,4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Di-n-butylphthalate	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dinitrophenol[2,4-]	0.7500	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Di-n-octylphthalate	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Ethylbenzene	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Fluoranthene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Fluorene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Hexachlorobenzene	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Hexachlorobutadiene	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Hexachlorocyclopentadiene	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Hexachloroethane	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Hexanone[2-]	0.0049	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Iodomethane	0.0049	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Iron	12520.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01921	MD21-03-50454	0–0.5	Soil	Isophorone	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Lead	10.7000	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Magnesium	2290.0000	mg/kg	J+
21-01921	MD21-03-50454	0–0.5	Soil	Manganese	234.0000	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Mercury	0.0162	mg/kg	J+
21-01921	MD21-03-50454	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0049	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Methylene Chloride	0.0049	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Methylnaphthalene[2-]	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Methylphenol[2-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Methylphenol[4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Naphthalene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Nickel	5.9600	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Nitroaniline[2-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Nitroaniline[3-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Nitroaniline[4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Nitrophenol[2-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Nitrophenol[4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Pentachlorophenol	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Phenanthrene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Phenol	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Plutonium-238	-0.0034	pCi/g	U
21-01921	MD21-03-50454	0–0.5	Soil	Plutonium-239	0.0170	pCi/g	U
21-01921	MD21-03-50454	0–0.5	Soil	Potassium	1390.0000	mg/kg	J+
21-01921	MD21-03-50454	0–0.5	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Pyrene	0.0375	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Pyridine	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Selenium	0.3270	mg/kg	J
21-01921	MD21-03-50454	0–0.5	Soil	Silver	0.0789	mg/kg	J
21-01921	MD21-03-50454	0–0.5	Soil	Sodium	139.0000	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Strontium-90	0.0074	pCi/g	U
21-01921	MD21-03-50454	0–0.5	Soil	Styrene	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Thallium	0.1520	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01921	MD21-03-50454	0–0.5	Soil	Thorium-228	1.3500	pCi/g	None
21-01921	MD21-03-50454	0–0.5	Soil	Thorium-230	1.4800	pCi/g	None
21-01921	MD21-03-50454	0–0.5	Soil	Thorium-232	1.3100	pCi/g	None
21-01921	MD21-03-50454	0–0.5	Soil	Toluene	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0049	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trichloroethene	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3750	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Tritium	0.1198	pCi/g	None
21-01921	MD21-03-50454	0–0.5	Soil	Uranium-234	0.7880	pCi/g	None
21-01921	MD21-03-50454	0–0.5	Soil	Uranium-235	0.0582	pCi/g	None
21-01921	MD21-03-50454	0–0.5	Soil	Uranium-238	0.8700	pCi/g	None
21-01921	MD21-03-50454	0–0.5	Soil	Vanadium	23.2000	mg/kg	None
21-01921	MD21-03-50454	0–0.5	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0020	mg/kg	U
21-01921	MD21-03-50454	0–0.5	Soil	Zinc	26.0000	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Acenaphthene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Acenaphthylene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Acetone	0.0451	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Aluminum	641.0000	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Americium-241	0.0234	pCi/g	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Aniline	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Anthracene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Antimony	0.4120	mg/kg	Uj
21-01921	MD21-03-50455	3.5–4.5	Soil	Arsenic	2.2500	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Azobenzene	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Barium	8.9600	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Benzene	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Benzo(a)anthracene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Benzo(a)pyrene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0347	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01921	MD21-03-50455	3.5–4.5	Soil	Benzoic Acid	0.6940	mg/kg	Uj
21-01921	MD21-03-50455	3.5–4.5	Soil	Benzyl Alcohol	0.3470	mg/kg	Uj
21-01921	MD21-03-50455	3.5–4.5	Soil	Beryllium	0.1440	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.3470	mg/kg	Uj
21-01921	MD21-03-50455	3.5–4.5	Soil	Bromobenzene	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Bromochloromethane	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Bromoform	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Bromomethane	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Butanone[2-]	0.0067	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Butylbenzylphthalate	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Cadmium	0.5010	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Calcium	636.0000	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Carbon Disulfide	0.0067	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chloroaniline[4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chloroethane	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chloroform	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chloromethane	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chlorophenol[2-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Chromium	13.9000	mg/kg	J+
21-01921	MD21-03-50455	3.5–4.5	Soil	Chrysene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Cobalt	0.3980	mg/kg	J
21-01921	MD21-03-50455	3.5–4.5	Soil	Copper	2.3400	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dibenzofuran	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01921	MD21-03-50455	3.5–4.5	Soil	Dibromomethane	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	Uj
21-01921	MD21-03-50455	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Diethylphthalate	0.3470	mg/kg	Uj
21-01921	MD21-03-50455	3.5–4.5	Soil	Dimethyl Phthalate	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Di-n-butylphthalate	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6940	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Di-n-octylphthalate	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Fluoranthene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Fluorene	0.0046	mg/kg	J
21-01921	MD21-03-50455	3.5–4.5	Soil	Hexachlorobenzene	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Hexachlorobutadiene	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Hexachloroethane	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Hexanone[2-]	0.0067	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Iodomethane	0.0067	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Iron	4720.0000	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01921	MD21-03-50455	3.5–4.5	Soil	Isophorone	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Isopropylbenzene	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Lead	4.9700	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Magnesium	241.0000	mg/kg	J+
21-01921	MD21-03-50455	3.5–4.5	Soil	Manganese	228.0000	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Mercury	0.0100	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0067	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Methylene Chloride	0.0067	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Methylphenol[2-]	0.3470	mg/kg	Uj
21-01921	MD21-03-50455	3.5–4.5	Soil	Methylphenol[4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Naphthalene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Nickel	1.3600	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Nitroaniline[2-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Nitroaniline[3-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Nitroaniline[4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Nitrophenol[2-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Nitrophenol[4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Pentachlorophenol	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Phenanthrene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Phenol	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Plutonium-238	0.0020	pCi/g	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Plutonium-239	0.0099	pCi/g	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Potassium	204.0000	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Pyrene	0.0347	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Pyridine	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Selenium	0.1640	mg/kg	J
21-01921	MD21-03-50455	3.5–4.5	Soil	Silver	0.0183	mg/kg	J
21-01921	MD21-03-50455	3.5–4.5	Soil	Sodium	143.0000	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Strontium-90	0.0442	pCi/g	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Styrene	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Thallium	0.0536	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01921	MD21-03-50455	3.5–4.5	Soil	Thorium-228	1.4400	pCi/g	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Thorium-230	1.1000	pCi/g	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Thorium-232	1.1900	pCi/g	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Toluene	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0067	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3470	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Tritium	0.0136	pCi/g	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Uranium-234	0.7810	pCi/g	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Uranium-235	0.0361	pCi/g	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Uranium-238	0.6840	pCi/g	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Vanadium	1.4000	mg/kg	None
21-01921	MD21-03-50455	3.5–4.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0027	mg/kg	U
21-01921	MD21-03-50455	3.5–4.5	Soil	Zinc	19.3000	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Acenaphthene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Acenaphthylene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Acetone	0.0064	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Aluminum	8350.0000	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Americium-241	0.1160	pCi/g	None
21-01922	MD21-03-50456	0–0.5	Soil	Aniline	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Anthracene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Arsenic	2.9700	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Azobenzene	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Barium	95.6000	mg/kg	J+
21-01922	MD21-03-50456	0–0.5	Soil	Benzene	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Benzo(a)anthracene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Benzo(a)pyrene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Benzo(b)fluoranthene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Benzo(g,h,i)perylene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Benzo(k)fluoranthene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Benzoic Acid	0.7300	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50456	0–0.5	Soil	Benzyl Alcohol	0.3650	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Beryllium	0.4540	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0388	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Bromobenzene	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Bromochloromethane	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Bromoform	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Bromomethane	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Butanone[2-]	0.0064	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Butylbenzylphthalate	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Cadmium	0.1310	mg/kg	J
21-01922	MD21-03-50456	0–0.5	Soil	Calcium	1650.0000	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Carbon Disulfide	0.0064	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chloroaniline[4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chloroethane	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chloroform	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chloromethane	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chloronaphthalene[2-]	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chlorophenol[2-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Chromium	8.1400	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Chrysene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Cobalt	4.4800	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Copper	5.7800	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Dibenz(a,h)anthracene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dibenzofuran	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dibromomethane	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50456	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichlorophenol[2,4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Diethylphthalate	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dimethyl Phthalate	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dimethylphenol[2,4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Di-n-butylphthalate	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dinitrophenol[2,4-]	0.7300	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Di-n-octylphthalate	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Fluoranthene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Fluorene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Hexachlorobenzene	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Hexachlorobutadiene	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Hexachlorocyclopentadiene	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Hexachloroethane	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Hexanone[2-]	0.0064	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Iodomethane	0.0064	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Iron	9230.0000	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Isophorone	0.3650	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50456	0–0.5	Soil	Isopropylbenzene	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Isopropyltoluene[4-]	0.0006	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Lead	22.1000	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Magnesium	1420.0000	mg/kg	J+
21-01922	MD21-03-50456	0–0.5	Soil	Manganese	366.0000	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Mercury	0.0253	mg/kg	J+
21-01922	MD21-03-50456	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0064	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Methylene Chloride	0.0064	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Methylnaphthalene[2-]	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Methylphenol[2-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Methylphenol[4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Naphthalene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Nickel	5.0900	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Nitroaniline[2-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Nitroaniline[3-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Nitroaniline[4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Nitrophenol[2-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Nitrophenol[4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Pentachlorophenol	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Phenanthrene	0.0365	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Phenol	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Plutonium-238	0.0068	pCi/g	U
21-01922	MD21-03-50456	0–0.5	Soil	Plutonium-239	2.3800	pCi/g	None
21-01922	MD21-03-50456	0–0.5	Soil	Potassium	1220.0000	mg/kg	J+
21-01922	MD21-03-50456	0–0.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Pyrene	0.0184	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Pyridine	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Selenium	0.5250	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Silver	0.0633	mg/kg	J
21-01922	MD21-03-50456	0–0.5	Soil	Sodium	58.1000	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Strontium-90	0.0969	pCi/g	U
21-01922	MD21-03-50456	0–0.5	Soil	Styrene	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Thallium	0.1310	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Thorium-228	1.4500	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50456	0–0.5	Soil	Thorium-230	1.0400	pCi/g	None
21-01922	MD21-03-50456	0–0.5	Soil	Thorium-232	1.1600	pCi/g	None
21-01922	MD21-03-50456	0–0.5	Soil	Toluene	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0064	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3650	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	Uj
21-01922	MD21-03-50456	0–0.5	Soil	Tritium	0.1929	pCi/g	None
21-01922	MD21-03-50456	0–0.5	Soil	Uranium-234	1.6400	pCi/g	None
21-01922	MD21-03-50456	0–0.5	Soil	Uranium-235	0.1320	pCi/g	None
21-01922	MD21-03-50456	0–0.5	Soil	Uranium-238	1.6800	pCi/g	None
21-01922	MD21-03-50456	0–0.5	Soil	Vanadium	18.3000	mg/kg	None
21-01922	MD21-03-50456	0–0.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0025	mg/kg	U
21-01922	MD21-03-50456	0–0.5	Soil	Zinc	27.0000	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Acenaphthene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Acenaphthylene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Acetone	0.0434	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Aluminum	1090.0000	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Americium-241	0.0132	pCi/g	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Aniline	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Anthracene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Antimony	0.4010	mg/kg	Uj
21-01922	MD21-03-50457	3.5–4.5	Soil	Arsenic	4.4000	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Azobenzene	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Barium	25.7000	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Benzene	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Benzo(a)anthracene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Benzo(a)pyrene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Benzoic Acid	0.6710	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50457	3.5–4.5	Soil	Benzyl Alcohol	0.3360	mg/kg	Uj
21-01922	MD21-03-50457	3.5–4.5	Soil	Beryllium	0.1920	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.3360	mg/kg	Uj
21-01922	MD21-03-50457	3.5–4.5	Soil	Bromobenzene	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Bromochloromethane	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Bromodichloromethane	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Bromoform	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Bromomethane	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Butanone[2-]	0.0070	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Butylbenzene[n-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Butylbenzene[sec-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Butylbenzene[tert-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Butylbenzylphthalate	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Cadmium	0.4620	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Calcium	756.0000	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Carbon Disulfide	0.0070	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Carbon Tetrachloride	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chloroaniline[4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chlorobenzene	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chlorodibromomethane	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chloroethane	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chloroform	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chloromethane	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chlorophenol[2-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chlorotoluene[2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chlorotoluene[4-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Chromium	7.7800	mg/kg	J+
21-01922	MD21-03-50457	3.5–4.5	Soil	Chrysene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Cobalt	0.5080	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Copper	1.6800	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dibenzofuran	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dibromomethane	0.0014	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichlorodifluoromethane	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0045	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0014	mg/kg	Uj
21-01922	MD21-03-50457	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Diethylphthalate	0.3360	mg/kg	Uj
21-01922	MD21-03-50457	3.5–4.5	Soil	Dimethyl Phthalate	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Di-n-butylphthalate	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6710	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Di-n-octylphthalate	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Ethylbenzene	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Fluoranthene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Fluorene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Hexachlorobenzene	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Hexachlorobutadiene	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Hexachloroethane	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Hexanone[2-]	0.0070	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Iodomethane	0.0070	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Iron	3850.0000	mg/kg	J
21-01922	MD21-03-50457	3.5–4.5	Soil	Isophorone	0.3360	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50457	3.5–4.5	Soil	Isopropylbenzene	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Lead	8.6400	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Magnesium	289.0000	mg/kg	J+
21-01922	MD21-03-50457	3.5–4.5	Soil	Manganese	265.0000	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Mercury	0.0045	mg/kg	J
21-01922	MD21-03-50457	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0070	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Methylene Chloride	0.0070	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Methylphenol[2-]	0.3360	mg/kg	Uj
21-01922	MD21-03-50457	3.5–4.5	Soil	Methylphenol[4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Naphthalene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Nickel	2.6200	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Nitroaniline[2-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Nitroaniline[3-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Nitroaniline[4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Nitrophenol[2-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Nitrophenol[4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Pentachlorophenol	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Phenanthrene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Phenol	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Plutonium-238	0.0019	pCi/g	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Plutonium-239	0.0194	pCi/g	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Potassium	197.0000	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Propylbenzene[1-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Pyrene	0.0336	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Pyridine	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Selenium	0.4620	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Silver	0.0345	mg/kg	J
21-01922	MD21-03-50457	3.5–4.5	Soil	Sodium	102.0000	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Strontium-90	-0.0343	pCi/g	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Styrene	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Tetrachloroethene	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Thallium	0.0955	mg/kg	J
21-01922	MD21-03-50457	3.5–4.5	Soil	Thorium-228	1.3900	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50457	3.5–4.5	Soil	Thorium-230	0.9440	pCi/g	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Thorium-232	1.2900	pCi/g	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Toluene	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0070	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trichloroethene	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trichlorofluoromethane	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3360	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Tritium	0.0050	pCi/g	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Uranium-234	0.4880	pCi/g	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Uranium-235	0.0254	pCi/g	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Uranium-238	0.4630	pCi/g	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Vanadium	2.9900	mg/kg	None
21-01922	MD21-03-50457	3.5–4.5	Soil	Vinyl Chloride	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Xylene[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0028	mg/kg	U
21-01922	MD21-03-50457	3.5–4.5	Soil	Zinc	19.9000	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Acenaphthene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Acenaphthylene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Acetone	0.0429	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Aluminum	928.0000	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Americium-241	-0.0022	pCi/g	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Aniline	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Anthracene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Antimony	0.3980	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Arsenic	7.6600	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Azobenzene	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Barium	14.4000	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Benzene	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Benzo(a)anthracene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Benzo(a)pyrene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Benzoic Acid	0.6680	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50535	3.5–4.5	Soil	Benzyl Alcohol	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Beryllium	0.1450	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.0981	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Bromobenzene	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Bromochloromethane	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Bromodichloromethane	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Bromoform	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Bromomethane	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Butanone[2-]	0.0068	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Butylbenzene[n-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Butylbenzene[sec-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Butylbenzene[tert-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Butylbenzylphthalate	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Cadmium	0.4600	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Calcium	1220.0000	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Carbon Disulfide	0.0068	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Carbon Tetrachloride	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Chloroaniline[4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Chlorobenzene	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Chlorodibromomethane	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Chloroethane	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Chloroform	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Chloromethane	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Chlorophenol[2-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Chlorotoluene[2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Chlorotoluene[4-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Chromium	10.4000	mg/kg	J+
21-01922	MD21-03-50535	3.5–4.5	Soil	Chrysene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Cobalt	0.4850	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Copper	1.1700	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dibenzofuran	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dibromomethane	0.0014	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichlorodifluoromethane	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0059	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Diethylphthalate	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dimethyl Phthalate	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Di-n-butylphthalate	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6680	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Di-n-octylphthalate	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Ethylbenzene	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Fluoranthene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Fluorene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Hexachlorobenzene	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Hexachlorobutadiene	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Hexachloroethane	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Hexanone[2-]	0.0068	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Iodomethane	0.0068	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Iron	3570.0000	mg/kg	J
21-01922	MD21-03-50535	3.5–4.5	Soil	Isophorone	0.3340	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50535	3.5–4.5	Soil	Isopropylbenzene	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Lead	8.9200	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Magnesium	282.0000	mg/kg	J+
21-01922	MD21-03-50535	3.5–4.5	Soil	Manganese	188.0000	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Mercury	0.0091	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0068	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Methylene Chloride	0.0021	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Methylphenol[2-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Methylphenol[4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Naphthalene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Nickel	2.3100	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Nitroaniline[2-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Nitroaniline[3-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Nitroaniline[4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Nitrophenol[2-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Nitrophenol[4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Pentachlorophenol	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Phenanthrene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Phenol	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Plutonium-238	0.0054	pCi/g	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Plutonium-239	0.0054	pCi/g	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Potassium	168.0000	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Propylbenzene[1-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Pyrene	0.0334	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Pyridine	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Selenium	0.4600	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Silver	0.0251	mg/kg	J
21-01922	MD21-03-50535	3.5–4.5	Soil	Sodium	101.0000	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Strontium-90	-0.0163	pCi/g	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Styrene	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Tetrachloroethene	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Thallium	0.0804	mg/kg	J
21-01922	MD21-03-50535	3.5–4.5	Soil	Toluene	0.0014	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01922	MD21-03-50535	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0068	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Trichloroethene	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Trichlorofluoromethane	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3340	mg/kg	Uj
21-01922	MD21-03-50535	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Tritium	0.0035	pCi/g	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Uranium-234	0.5210	pCi/g	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Uranium-235	0.0454	pCi/g	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Uranium-238	0.4480	pCi/g	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Vanadium	2.6700	mg/kg	None
21-01922	MD21-03-50535	3.5–4.5	Soil	Vinyl Chloride	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Xylene[1,2-]	0.0014	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0027	mg/kg	U
21-01922	MD21-03-50535	3.5–4.5	Soil	Zinc	19.2000	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Acenaphthene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Acenaphthylene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Acetone	0.0579	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Aluminum	6560.0000	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Americium-241	0.0314	pCi/g	U
21-01923	MD21-03-50458	0–0.5	Soil	Aniline	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Anthracene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Arsenic	2.2400	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Azobenzene	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Barium	87.2000	mg/kg	J+
21-01923	MD21-03-50458	0–0.5	Soil	Benzene	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Benzo(a)anthracene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Benzo(a)pyrene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Benzo(b)fluoranthene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Benzo(g,h,i)perylene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Benzo(k)fluoranthene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Benzoic Acid	0.7670	mg/kg	Uj
21-01923	MD21-03-50458	0–0.5	Soil	Benzyl Alcohol	0.3830	mg/kg	Uj
21-01923	MD21-03-50458	0–0.5	Soil	Beryllium	0.4060	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3830	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01923	MD21-03-50458	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.1120	mg/kg	J
21-01923	MD21-03-50458	0–0.5	Soil	Bromobenzene	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Bromochloromethane	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Bromoform	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Bromomethane	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Butanone[2-]	0.0050	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Butylbenzylphthalate	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Cadmium	0.3320	mg/kg	J
21-01923	MD21-03-50458	0–0.5	Soil	Calcium	1730.0000	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Carbon Disulfide	0.0050	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chloroaniline[4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chlorobenzene	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chloroethane	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chloroform	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chloromethane	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chloronaphthalene[2-]	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chlorophenol[2-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Chromium	8.2900	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Chrysene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Cobalt	3.2900	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Copper	5.1300	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Dibenz(a,h)anthracene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dibenzofuran	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dibromomethane	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0285	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3830	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01923	MD21-03-50458	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichlorophenol[2,4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Diethylphthalate	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dimethyl Phthalate	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dimethylphenol[2,4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Di-n-butylphthalate	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dinitrophenol[2,4-]	0.7670	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Di-n-octylphthalate	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Ethylbenzene	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Fluoranthene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Fluorene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Hexachlorobenzene	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Hexachlorobutadiene	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Hexachlorocyclopentadiene	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Hexachloroethane	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Hexanone[2-]	0.0050	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Iodomethane	0.0050	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Iron	8340.0000	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Isophorone	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Lead	29.3000	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Magnesium	1020.0000	mg/kg	J+

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01923	MD21-03-50458	0–0.5	Soil	Manganese	277.0000	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Mercury	0.1480	mg/kg	J+
21-01923	MD21-03-50458	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0050	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Methylene Chloride	0.0050	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Methylnaphthalene[2-]	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Methylphenol[2-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Methylphenol[4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Naphthalene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Nickel	4.6900	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Nitroaniline[2-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Nitroaniline[3-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Nitroaniline[4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Nitrophenol[2-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Nitrophenol[4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Pentachlorophenol	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Phenanthrene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Phenol	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Plutonium-238	-0.0000	pCi/g	U
21-01923	MD21-03-50458	0–0.5	Soil	Plutonium-239	0.2670	pCi/g	None
21-01923	MD21-03-50458	0–0.5	Soil	Potassium	820.0000	mg/kg	J+
21-01923	MD21-03-50458	0–0.5	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Pyrene	0.0383	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Pyridine	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Selenium	0.2070	mg/kg	J
21-01923	MD21-03-50458	0–0.5	Soil	Silver	0.0717	mg/kg	J
21-01923	MD21-03-50458	0–0.5	Soil	Sodium	81.5000	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Strontium-90	0.0989	pCi/g	U
21-01923	MD21-03-50458	0–0.5	Soil	Styrene	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Thallium	0.1680	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Thorium-228	0.8980	pCi/g	None
21-01923	MD21-03-50458	0–0.5	Soil	Thorium-230	0.7970	pCi/g	None
21-01923	MD21-03-50458	0–0.5	Soil	Thorium-232	0.8430	pCi/g	None
21-01923	MD21-03-50458	0–0.5	Soil	Toluene	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0050	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01923	MD21-03-50458	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trichloroethene	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3830	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Tritium	0.1581	pCi/g	None
21-01923	MD21-03-50458	0–0.5	Soil	Uranium-234	0.9460	pCi/g	None
21-01923	MD21-03-50458	0–0.5	Soil	Uranium-235	0.0372	pCi/g	U
21-01923	MD21-03-50458	0–0.5	Soil	Uranium-238	0.8460	pCi/g	None
21-01923	MD21-03-50458	0–0.5	Soil	Vanadium	14.9000	mg/kg	None
21-01923	MD21-03-50458	0–0.5	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0020	mg/kg	U
21-01923	MD21-03-50458	0–0.5	Soil	Zinc	28.1000	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Acenaphthene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Acenaphthylene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Acetone	0.0562	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Aluminum	2940.0000	mg/kg	J+
21-01923	MD21-03-50459	3.5–4.5	Soil	Americium-241	0.0675	pCi/g	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Aniline	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Anthracene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Antimony	0.4040	mg/kg	Uj
21-01923	MD21-03-50459	3.5–4.5	Soil	Arsenic	2.0200	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Azobenzene	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Barium	21.2000	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Benzene	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Benzo(a)anthracene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Benzo(a)pyrene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0582	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Benzoic Acid	0.6820	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Benzyl Alcohol	0.3410	mg/kg	Uj
21-01923	MD21-03-50459	3.5–4.5	Soil	Beryllium	0.3490	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3410	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01923	MD21-03-50459	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.0550	mg/kg	J
21-01923	MD21-03-50459	3.5–4.5	Soil	Bromobenzene	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Bromochloromethane	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Bromoform	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Bromomethane	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Butanone[2-]	0.0058	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Butylbenzylphthalate	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Cadmium	0.4760	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Calcium	2850.0000	mg/kg	J+
21-01923	MD21-03-50459	3.5–4.5	Soil	Carbon Disulfide	0.0058	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chloroaniline[4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chlorobenzene	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chloroethane	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chloroform	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chloromethane	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chlorophenol[2-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Chromium	27.3000	mg/kg	J
21-01923	MD21-03-50459	3.5–4.5	Soil	Chrysene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Cobalt	0.7180	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Copper	2.5100	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dibenzofuran	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dibromomethane	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3410	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Diethylphthalate	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dimethyl Phthalate	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Di-n-butylphthalate	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6820	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Di-n-octylphthalate	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Ethylbenzene	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Fluoranthene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Fluorene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Hexachlorobenzene	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Hexachlorobutadiene	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Hexachloroethane	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Hexanone[2-]	0.0058	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Iodomethane	0.0058	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Iron	5870.0000	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Isophorone	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Lead	3.9800	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Magnesium	653.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01923	MD21-03-50459	3.5–4.5	Soil	Manganese	150.0000	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Mercury	0.0410	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0058	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Methylene Chloride	0.0058	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Methylphenol[2-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Methylphenol[4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Naphthalene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Nickel	4.2000	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Nitroaniline[2-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Nitroaniline[3-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Nitroaniline[4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Nitrophenol[2-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Nitrophenol[4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Pentachlorophenol	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Phenanthrene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Phenol	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Plutonium-238	-0.0132	pCi/g	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Plutonium-239	0.0132	pCi/g	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Potassium	563.0000	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Pyrene	0.0341	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Pyridine	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Selenium	0.4760	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Silver	0.2020	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Sodium	137.0000	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Strontium-90	0.1450	pCi/g	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Styrene	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Thallium	0.0509	mg/kg	J
21-01923	MD21-03-50459	3.5–4.5	Soil	Thorium-228	1.6200	pCi/g	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Thorium-230	1.4300	pCi/g	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Thorium-232	1.4500	pCi/g	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Toluene	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0058	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01923	MD21-03-50459	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trichloroethene	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3410	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Tritium	0.0086	pCi/g	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Uranium-234	0.6190	pCi/g	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Uranium-235	0.0530	pCi/g	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Uranium-238	0.6190	pCi/g	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Vanadium	4.1500	mg/kg	None
21-01923	MD21-03-50459	3.5–4.5	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-01923	MD21-03-50459	3.5–4.5	Soil	Zinc	23.9000	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Acenaphthene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Acenaphthylene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Acetone	0.0760	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Aluminum	7780.0000	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Americium-241	0.0538	pCi/g	U
21-01924	MD21-03-50460	0–0.5	Soil	Aniline	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Anthracene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Arsenic	2.7200	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Azobenzene	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Barium	62.6000	mg/kg	J+
21-01924	MD21-03-50460	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Benzo(a)anthracene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Benzo(a)pyrene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Benzo(b)fluoranthene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Benzo(g,h,i)perylene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Benzo(k)fluoranthene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Benzoic Acid	0.7880	mg/kg	Uj
21-01924	MD21-03-50460	0–0.5	Soil	Benzyl Alcohol	0.3940	mg/kg	Uj
21-01924	MD21-03-50460	0–0.5	Soil	Beryllium	0.3580	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.1640	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01924	MD21-03-50460	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Butanone[2-]	0.0057	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Butylbenzylphthalate	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Cadmium	0.0635	mg/kg	J
21-01924	MD21-03-50460	0–0.5	Soil	Calcium	1900.0000	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chloroaniline[4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chloronaphthalene[2-]	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chlorophenol[2-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Chromium	6.4500	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Chrysene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Cobalt	1.8900	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Copper	3.7600	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Dibenz(a,h)anthracene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dibenzofuran	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0308	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01924	MD21-03-50460	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloroethene[1,1-]	0.0007	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichlorophenol[2,4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Diethylphthalate	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dimethyl Phthalate	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dimethylphenol[2,4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Di-n-butylphthalate	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dinitrophenol[2,4-]	0.7880	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Di-n-octylphthalate	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Fluoranthene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Fluorene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Hexachlorobenzene	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Hexachlorobutadiene	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Hexachlorocyclopentadiene	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Hexachloroethane	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Hexanone[2-]	0.0057	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Iodomethane	0.0057	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Iron	8850.0000	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Isophorone	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Lead	13.7000	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Magnesium	1100.0000	mg/kg	J+
21-01924	MD21-03-50460	0–0.5	Soil	Manganese	179.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01924	MD21-03-50460	0–0.5	Soil	Mercury	0.0228	mg/kg	J+
21-01924	MD21-03-50460	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0057	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Methylene Chloride	0.0057	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Methylnaphthalene[2-]	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Methylphenol[2-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Methylphenol[4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Naphthalene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Nickel	3.4200	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Nitroaniline[2-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Nitroaniline[3-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Nitroaniline[4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Nitrophenol[2-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Nitrophenol[4-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Pentachlorophenol	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Phenanthrene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Phenol	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Plutonium-238	0.0035	pCi/g	U
21-01924	MD21-03-50460	0–0.5	Soil	Plutonium-239	0.7540	pCi/g	None
21-01924	MD21-03-50460	0–0.5	Soil	Potassium	851.0000	mg/kg	J+
21-01924	MD21-03-50460	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Pyrene	0.0394	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Pyridine	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Selenium	0.5670	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Silver	0.0424	mg/kg	J
21-01924	MD21-03-50460	0–0.5	Soil	Sodium	72.0000	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Strontium-90	0.1080	pCi/g	U
21-01924	MD21-03-50460	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Thallium	0.1070	mg/kg	J
21-01924	MD21-03-50460	0–0.5	Soil	Thorium-228	1.4000	pCi/g	None
21-01924	MD21-03-50460	0–0.5	Soil	Thorium-230	1.1500	pCi/g	None
21-01924	MD21-03-50460	0–0.5	Soil	Thorium-232	1.1200	pCi/g	None
21-01924	MD21-03-50460	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3940	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01924	MD21-03-50460	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3940	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Tritium	0.2977	pCi/g	None
21-01924	MD21-03-50460	0–0.5	Soil	Uranium-234	1.3300	pCi/g	None
21-01924	MD21-03-50460	0–0.5	Soil	Uranium-235	0.1180	pCi/g	None
21-01924	MD21-03-50460	0–0.5	Soil	Uranium-238	1.1900	pCi/g	None
21-01924	MD21-03-50460	0–0.5	Soil	Vanadium	12.8000	mg/kg	None
21-01924	MD21-03-50460	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-01924	MD21-03-50460	0–0.5	Soil	Zinc	27.1000	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Acenaphthene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Acenaphthylene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Acetone	0.0572	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Aluminum	1310.0000	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Americium-241	0.0031	pCi/g	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Aniline	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Anthracene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Antimony	0.4080	mg/kg	Uj
21-01924	MD21-03-50461	3.5–4.5	Soil	Arsenic	2.4900	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Azobenzene	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Barium	17.7000	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Benzene	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Benzo(a)anthracene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Benzo(a)pyrene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Benzoic Acid	0.6940	mg/kg	Uj
21-01924	MD21-03-50461	3.5–4.5	Soil	Benzyl Alcohol	0.3470	mg/kg	Uj
21-01924	MD21-03-50461	3.5–4.5	Soil	Beryllium	0.3100	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.3470	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01924	MD21-03-50461	3.5–4.5	Soil	Bromobenzene	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Bromochloromethane	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Bromoform	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Bromomethane	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Butanone[2-]	0.0059	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Butylbenzylphthalate	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Cadmium	0.4660	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Calcium	286.0000	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Carbon Disulfide	0.0059	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chloroaniline[4-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chlorobenzene	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chloroethane	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chloroform	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chloromethane	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chlorophenol[2-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Chromium	27.0000	mg/kg	J+
21-01924	MD21-03-50461	3.5–4.5	Soil	Chrysene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Cobalt	0.6230	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Copper	3.0500	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dibenzofuran	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dibromomethane	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3470	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	Uj
21-01924	MD21-03-50461	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Diethylphthalate	0.3470	mg/kg	Uj
21-01924	MD21-03-50461	3.5–4.5	Soil	Dimethyl Phthalate	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Di-n-butylphthalate	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6940	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Di-n-octylphthalate	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Ethylbenzene	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Fluoranthene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Fluorene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Hexachlorobenzene	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Hexachlorobutadiene	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Hexachloroethane	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Hexanone[2-]	0.0059	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Iodomethane	0.0059	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Iron	6080.0000	mg/kg	J
21-01924	MD21-03-50461	3.5–4.5	Soil	Isophorone	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Lead	9.0100	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Magnesium	250.0000	mg/kg	J+
21-01924	MD21-03-50461	3.5–4.5	Soil	Manganese	230.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01924	MD21-03-50461	3.5–4.5	Soil	Mercury	0.0105	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0059	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Methylene Chloride	0.0059	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Methylphenol[2-]	0.3470	mg/kg	Uj
21-01924	MD21-03-50461	3.5–4.5	Soil	Methylphenol[4-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Naphthalene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Nickel	2.8700	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Nitroaniline[2-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Nitroaniline[3-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Nitroaniline[4-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Nitrophenol[2-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Nitrophenol[4-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Pentachlorophenol	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Phenanthrene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Phenol	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Plutonium-238	0.0020	pCi/g	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Plutonium-239	0.0079	pCi/g	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Potassium	193.0000	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Pyrene	0.0347	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Pyridine	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Selenium	0.4660	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Silver	0.0363	mg/kg	J
21-01924	MD21-03-50461	3.5–4.5	Soil	Sodium	116.0000	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Strontium-90	0.0344	pCi/g	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Styrene	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Thallium	0.0327	mg/kg	J
21-01924	MD21-03-50461	3.5–4.5	Soil	Thorium-228	1.5100	pCi/g	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Thorium-230	1.1700	pCi/g	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Thorium-232	1.3200	pCi/g	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Toluene	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3470	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01924	MD21-03-50461	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trichloroethene	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3470	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Tritium	0.0121	pCi/g	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Uranium-234	0.6510	pCi/g	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Uranium-235	0.0544	pCi/g	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Uranium-238	0.6370	pCi/g	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Vanadium	3.2800	mg/kg	None
21-01924	MD21-03-50461	3.5–4.5	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-01924	MD21-03-50461	3.5–4.5	Soil	Zinc	32.4000	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Acenaphthene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Acenaphthylene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Acetone	0.0327	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Aluminum	6100.0000	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Americium-241	0.0289	pCi/g	None
21-01925	MD21-03-50462	0–0.5	Soil	Aniline	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Anthracene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Antimony	0.0879	mg/kg	J-
21-01925	MD21-03-50462	0–0.5	Soil	Arsenic	2.9000	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Azobenzene	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Barium	44.0000	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Benzo(a)anthracene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Benzo(a)pyrene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Benzo(b)fluoranthene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Benzo(g,h,i)perylene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Benzo(k)fluoranthene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Benzoic Acid	0.8230	mg/kg	Uj
21-01925	MD21-03-50462	0–0.5	Soil	Benzyl Alcohol	0.4110	mg/kg	Uj
21-01925	MD21-03-50462	0–0.5	Soil	Beryllium	0.3880	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.4110	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01925	MD21-03-50462	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Butanone[2-]	0.0057	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Butylbenzylphthalate	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Cadmium	0.6200	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Calcium	1210.0000	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chloroaniline[4-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chloronaphthalene[2-]	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chlorophenol[2-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Chromium	4.6500	mg/kg	J+
21-01925	MD21-03-50462	0–0.5	Soil	Chrysene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Cobalt	2.0500	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Copper	3.1300	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Dibenz(a,h)anthracene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dibenzofuran	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4110	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01925	MD21-03-50462	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichlorophenol[2,4-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	Uj
21-01925	MD21-03-50462	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Diethylphthalate	0.4110	mg/kg	Uj
21-01925	MD21-03-50462	0–0.5	Soil	Dimethyl Phthalate	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dimethylphenol[2,4-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Di-n-butylphthalate	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dinitrophenol[2,4-]	0.8230	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Di-n-octylphthalate	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Fluoranthene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Fluorene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Hexachlorobenzene	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Hexachlorobutadiene	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Hexachlorocyclopentadiene	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Hexachloroethane	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Hexanone[2-]	0.0057	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Iodomethane	0.0057	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Iron	7910.0000	mg/kg	J
21-01925	MD21-03-50462	0–0.5	Soil	Isophorone	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Lead	10.7000	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Magnesium	792.0000	mg/kg	J+
21-01925	MD21-03-50462	0–0.5	Soil	Manganese	217.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01925	MD21-03-50462	0–0.5	Soil	Mercury	0.0013	mg/kg	J
21-01925	MD21-03-50462	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0057	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Methylene Chloride	0.0057	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Methylnaphthalene[2-]	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Methylphenol[2-]	0.4110	mg/kg	Uj
21-01925	MD21-03-50462	0–0.5	Soil	Methylphenol[4-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Naphthalene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Nickel	3.1400	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Nitroaniline[2-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Nitroaniline[3-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Nitroaniline[4-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Nitrophenol[2-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Nitrophenol[4-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Pentachlorophenol	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Phenanthrene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Phenol	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Plutonium-238	0.0069	pCi/g	U
21-01925	MD21-03-50462	0–0.5	Soil	Plutonium-239	0.5410	pCi/g	None
21-01925	MD21-03-50462	0–0.5	Soil	Potassium	730.0000	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Pyrene	0.0411	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Pyridine	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Selenium	0.6200	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Silver	0.0427	mg/kg	J
21-01925	MD21-03-50462	0–0.5	Soil	Sodium	78.7000	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Strontium-90	0.0972	pCi/g	U
21-01925	MD21-03-50462	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Thallium	0.0840	mg/kg	J
21-01925	MD21-03-50462	0–0.5	Soil	Thorium-228	1.2100	pCi/g	None
21-01925	MD21-03-50462	0–0.5	Soil	Thorium-230	1.2100	pCi/g	None
21-01925	MD21-03-50462	0–0.5	Soil	Thorium-232	1.4700	pCi/g	None
21-01925	MD21-03-50462	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4110	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01925	MD21-03-50462	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4110	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Tritium	0.2585	pCi/g	None
21-01925	MD21-03-50462	0–0.5	Soil	Uranium-234	0.8550	pCi/g	None
21-01925	MD21-03-50462	0–0.5	Soil	Uranium-235	0.0344	pCi/g	None
21-01925	MD21-03-50462	0–0.5	Soil	Uranium-238	0.8940	pCi/g	None
21-01925	MD21-03-50462	0–0.5	Soil	Vanadium	11.0000	mg/kg	None
21-01925	MD21-03-50462	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-01925	MD21-03-50462	0–0.5	Soil	Zinc	23.2000	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Acenaphthene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Acenaphthylene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Acetone	0.0276	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Aluminum	1320.0000	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Americium-241	0.0084	pCi/g	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Aniline	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Anthracene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Antimony	0.4020	mg/kg	Uj
21-01925	MD21-03-50463	3.5–4.5	Soil	Arsenic	2.1500	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Azobenzene	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Barium	19.5000	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Benzene	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Benzo(a)anthracene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Benzo(a)pyrene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Benzoic Acid	0.6840	mg/kg	Uj
21-01925	MD21-03-50463	3.5–4.5	Soil	Benzyl Alcohol	0.3420	mg/kg	Uj
21-01925	MD21-03-50463	3.5–4.5	Soil	Beryllium	0.2840	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.3420	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01925	MD21-03-50463	3.5–4.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Bromoform	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Butanone[2-]	0.0057	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Butylbenzylphthalate	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Cadmium	0.5020	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Calcium	441.0000	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chloroaniline[4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chloroform	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chlorophenol[2-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Chromium	14.9000	mg/kg	J+
21-01925	MD21-03-50463	3.5–4.5	Soil	Chrysene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Cobalt	0.5400	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Copper	2.9000	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dibenzofuran	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	Uj
21-01925	MD21-03-50463	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Diethylphthalate	0.3420	mg/kg	Uj
21-01925	MD21-03-50463	3.5–4.5	Soil	Dimethyl Phthalate	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Di-n-butylphthalate	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6840	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Di-n-octylphthalate	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Fluoranthene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Fluorene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Hexachlorobenzene	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Hexachlorobutadiene	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Hexachloroethane	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Hexanone[2-]	0.0057	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Iodomethane	0.0057	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Iron	4820.0000	mg/kg	J
21-01925	MD21-03-50463	3.5–4.5	Soil	Isophorone	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0007	mg/kg	J
21-01925	MD21-03-50463	3.5–4.5	Soil	Lead	3.2300	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Magnesium	240.0000	mg/kg	J+
21-01925	MD21-03-50463	3.5–4.5	Soil	Manganese	287.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01925	MD21-03-50463	3.5–4.5	Soil	Mercury	0.0051	mg/kg	J
21-01925	MD21-03-50463	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0057	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Methylene Chloride	0.0057	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Methylphenol[2-]	0.3420	mg/kg	Uj
21-01925	MD21-03-50463	3.5–4.5	Soil	Methylphenol[4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Naphthalene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Nickel	2.5700	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Nitroaniline[2-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Nitroaniline[3-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Nitroaniline[4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Nitrophenol[2-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Nitrophenol[4-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Pentachlorophenol	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Phenanthrene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Phenol	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Plutonium-238	0.0264	pCi/g	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Plutonium-239	0.0020	pCi/g	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Potassium	206.0000	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Pyrene	0.0342	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Pyridine	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Selenium	0.5020	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Silver	0.0324	mg/kg	J
21-01925	MD21-03-50463	3.5–4.5	Soil	Sodium	104.0000	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Strontium-90	-0.0221	pCi/g	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Styrene	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Thallium	0.0394	mg/kg	J
21-01925	MD21-03-50463	3.5–4.5	Soil	Thorium-228	1.4500	pCi/g	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Thorium-230	1.0400	pCi/g	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Thorium-232	1.5500	pCi/g	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Toluene	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3420	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01925	MD21-03-50463	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3420	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Tritium	0.0015	pCi/g	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Uranium-234	0.6400	pCi/g	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Uranium-235	0.0233	pCi/g	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Uranium-238	0.7310	pCi/g	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Vanadium	2.8400	mg/kg	None
21-01925	MD21-03-50463	3.5–4.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-01925	MD21-03-50463	3.5–4.5	Soil	Zinc	57.2000	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Acenaphthene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Acenaphthylene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Acetone	0.0064	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Aluminum	10000.0000	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Americium-241	0.0339	pCi/g	U
21-01926	MD21-03-50464	0–0.5	Soil	Aniline	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Anthracene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Arsenic	2.9200	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Azobenzene	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Barium	91.3000	mg/kg	J+
21-01926	MD21-03-50464	0–0.5	Soil	Benzene	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Benzo(a)anthracene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Benzo(a)pyrene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Benzo(b)fluoranthene	0.0292	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Benzo(g,h,i)perylene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Benzo(k)fluoranthene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Benzoic Acid	0.7750	mg/kg	Uj
21-01926	MD21-03-50464	0–0.5	Soil	Benzyl Alcohol	0.3870	mg/kg	Uj
21-01926	MD21-03-50464	0–0.5	Soil	Beryllium	0.5390	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0719	mg/kg	J
21-01926	MD21-03-50464	0–0.5	Soil	Bromobenzene	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01926	MD21-03-50464	0–0.5	Soil	Bromochloromethane	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Bromoform	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Bromomethane	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Butanone[2-]	0.0064	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Butylbenzylphthalate	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Cadmium	0.5770	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Calcium	2970.0000	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Carbon Disulfide	0.0064	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chloroaniline[4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chloroethane	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chloroform	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chloromethane	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chloronaphthalene[2-]	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chlorophenol[2-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Chromium	9.4300	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Chrysene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Cobalt	4.6200	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Copper	5.7400	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Dibenz(a,h)anthracene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dibenzofuran	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dibromomethane	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3870	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01926	MD21-03-50464	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichlorophenol[2,4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Diethylphthalate	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dimethyl Phthalate	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dimethylphenol[2,4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Di-n-butylphthalate	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dinitrophenol[2,4-]	0.7750	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Di-n-octylphthalate	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Fluoranthene	0.0229	mg/kg	J
21-01926	MD21-03-50464	0–0.5	Soil	Fluorene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Hexachlorobenzene	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Hexachlorobutadiene	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Hexachlorocyclopentadiene	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Hexachloroethane	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Hexanone[2-]	0.0064	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Iodomethane	0.0064	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Iron	10030.0000	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Isophorone	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Isopropylbenzene	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Isopropyltoluene[4-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Lead	28.5000	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Magnesium	1700.0000	mg/kg	J+
21-01926	MD21-03-50464	0–0.5	Soil	Manganese	295.0000	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Mercury	0.0239	mg/kg	J+

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01926	MD21-03-50464	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0064	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Methylene Chloride	0.0064	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Methylnaphthalene[2-]	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Methylphenol[2-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Methylphenol[4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Naphthalene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Nickel	5.6100	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Nitroaniline[2-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Nitroaniline[3-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Nitroaniline[4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Nitrophenol[2-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Nitrophenol[4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Pentachlorophenol	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Phenanthrene	0.0387	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Phenol	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Plutonium-238	0.0063	pCi/g	U
21-01926	MD21-03-50464	0–0.5	Soil	Plutonium-239	0.1810	pCi/g	None
21-01926	MD21-03-50464	0–0.5	Soil	Potassium	1130.0000	mg/kg	J+
21-01926	MD21-03-50464	0–0.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Pyrene	0.0326	mg/kg	J
21-01926	MD21-03-50464	0–0.5	Soil	Pyridine	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Selenium	0.5770	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Silver	0.0558	mg/kg	J
21-01926	MD21-03-50464	0–0.5	Soil	Sodium	91.9000	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Strontium-90	0.0769	pCi/g	U
21-01926	MD21-03-50464	0–0.5	Soil	Styrene	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Thallium	0.1210	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Thorium-228	1.0500	pCi/g	None
21-01926	MD21-03-50464	0–0.5	Soil	Thorium-230	1.1500	pCi/g	None
21-01926	MD21-03-50464	0–0.5	Soil	Thorium-232	0.8590	pCi/g	None
21-01926	MD21-03-50464	0–0.5	Soil	Toluene	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0064	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01926	MD21-03-50464	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3870	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Tritium	0.3793	pCi/g	None
21-01926	MD21-03-50464	0–0.5	Soil	Uranium-234	0.7200	pCi/g	None
21-01926	MD21-03-50464	0–0.5	Soil	Uranium-235	0.0392	pCi/g	U
21-01926	MD21-03-50464	0–0.5	Soil	Uranium-238	0.6910	pCi/g	None
21-01926	MD21-03-50464	0–0.5	Soil	Vanadium	19.3000	mg/kg	None
21-01926	MD21-03-50464	0–0.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0026	mg/kg	U
21-01926	MD21-03-50464	0–0.5	Soil	Zinc	30.0000	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Acenaphthene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Acenaphthylene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Acetone	0.0410	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Aluminum	776.0000	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Americium-241	0.0155	pCi/g	U
21-01926	MD21-03-50465	2–3	Soil	Aniline	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Anthracene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Antimony	0.4000	mg/kg	Uj
21-01926	MD21-03-50465	2–3	Soil	Arsenic	2.3700	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Azobenzene	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Barium	16.4000	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Benzene	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Benzo(a)anthracene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Benzo(a)pyrene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Benzo(b)fluoranthene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Benzo(g,h,i)perylene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Benzo(k)fluoranthene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Benzoic Acid	0.6790	mg/kg	Uj
21-01926	MD21-03-50465	2–3	Soil	Benzyl Alcohol	0.3390	mg/kg	Uj
21-01926	MD21-03-50465	2–3	Soil	Beryllium	0.1660	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Bis(2-chloroethoxy)methane	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Bis(2-chloroethyl)ether	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.3390	mg/kg	Uj
21-01926	MD21-03-50465	2–3	Soil	Bromobenzene	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01926	MD21-03-50465	2–3	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Bromoform	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Bromomethane	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Bromophenyl-phenylether[4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Butanone[2-]	0.0054	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Butylbenzylphthalate	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Cadmium	0.5020	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Calcium	215.0000	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Carbon Disulfide	0.0054	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chloro-3-methylphenol[4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chloroaniline[4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chloroethane	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chloroform	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chloromethane	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chloronaphthalene[2-]	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chlorophenol[2-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Chromium	23.8000	mg/kg	J+
21-01926	MD21-03-50465	2–3	Soil	Chrysene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Cobalt	0.5480	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Copper	1.8500	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Dibenz(a,h)anthracene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dibenzofuran	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dibromomethane	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichlorobenzene[1,2-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichlorobenzene[1,3-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichlorobenzene[1,4-]	0.3390	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01926	MD21-03-50465	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloroethene[1,1-]	0.0006	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichlorophenol[2,4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	Uj
21-01926	MD21-03-50465	2–3	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Diethylphthalate	0.3390	mg/kg	Uj
21-01926	MD21-03-50465	2–3	Soil	Dimethyl Phthalate	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dimethylphenol[2,4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Di-n-butylphthalate	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dinitrophenol[2,4-]	0.6790	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dinitrotoluene[2,4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Dinitrotoluene[2,6-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Di-n-octylphthalate	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Fluoranthene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Fluorene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Hexachlorobenzene	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Hexachlorobutadiene	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Hexachlorocyclopentadiene	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Hexachloroethane	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Hexanone[2-]	0.0054	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Iodomethane	0.0054	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Iron	3940.0000	mg/kg	J
21-01926	MD21-03-50465	2–3	Soil	Isophorone	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Isopropyltoluene[4-]	0.0004	mg/kg	J
21-01926	MD21-03-50465	2–3	Soil	Lead	2.8700	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Magnesium	181.0000	mg/kg	J+
21-01926	MD21-03-50465	2–3	Soil	Manganese	274.0000	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Mercury	0.0090	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01926	MD21-03-50465	2–3	Soil	Methyl-2-pentanone[4-]	0.0054	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Methylene Chloride	0.0054	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Methylnaphthalene[2-]	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Methylphenol[2-]	0.3390	mg/kg	Uj
21-01926	MD21-03-50465	2–3	Soil	Methylphenol[4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Naphthalene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Nickel	2.3400	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Nitroaniline[2-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Nitroaniline[3-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Nitroaniline[4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Nitrophenol[2-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Nitrophenol[4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Nitrosodimethylamine[N-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Nitrosodiphenylamine[N-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Pentachlorophenol	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Phenanthrene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Phenol	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Plutonium-238	0.0037	pCi/g	U
21-01926	MD21-03-50465	2–3	Soil	Plutonium-239	-0.0056	pCi/g	U
21-01926	MD21-03-50465	2–3	Soil	Potassium	149.0000	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Pyrene	0.0339	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Pyridine	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Selenium	0.5020	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Silver	0.0222	mg/kg	J
21-01926	MD21-03-50465	2–3	Soil	Sodium	93.2000	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Strontium-90	0.0732	pCi/g	U
21-01926	MD21-03-50465	2–3	Soil	Styrene	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Thallium	0.0999	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Thorium-228	1.6200	pCi/g	None
21-01926	MD21-03-50465	2–3	Soil	Thorium-230	1.1000	pCi/g	None
21-01926	MD21-03-50465	2–3	Soil	Thorium-232	1.3200	pCi/g	None
21-01926	MD21-03-50465	2–3	Soil	Toluene	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0054	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01926	MD21-03-50465	2–3	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trichloroethene	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trichlorophenol[2,4,5-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trichlorophenol[2,4,6-]	0.3390	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Tritium	0.0106	pCi/g	None
21-01926	MD21-03-50465	2–3	Soil	Uranium-234	0.6600	pCi/g	None
21-01926	MD21-03-50465	2–3	Soil	Uranium-235	0.0244	pCi/g	None
21-01926	MD21-03-50465	2–3	Soil	Uranium-238	0.6050	pCi/g	None
21-01926	MD21-03-50465	2–3	Soil	Vanadium	1.8200	mg/kg	None
21-01926	MD21-03-50465	2–3	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-01926	MD21-03-50465	2–3	Soil	Zinc	35.0000	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Acenaphthene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Acenaphthylene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Acetone	0.0063	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Aluminum	9920.0000	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Americium-241	0.0347	pCi/g	U
21-01927	MD21-03-50466	0–0.5	Soil	Aniline	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Anthracene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Arsenic	2.7800	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Azobenzene	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Barium	97.9000	mg/kg	J+
21-01927	MD21-03-50466	0–0.5	Soil	Benzene	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Benzo(a)anthracene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Benzo(a)pyrene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Benzo(b)fluoranthene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Benzo(g,h,i)perylene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Benzo(k)fluoranthene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Benzoic Acid	0.7920	mg/kg	Uj
21-01927	MD21-03-50466	0–0.5	Soil	Benzyl Alcohol	0.3960	mg/kg	Uj
21-01927	MD21-03-50466	0–0.5	Soil	Beryllium	0.5420	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0540	mg/kg	J
21-01927	MD21-03-50466	0–0.5	Soil	Bromobenzene	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Bromochloromethane	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01927	MD21-03-50466	0–0.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Bromoform	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Bromomethane	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Butanone[2-]	0.0063	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Butylbenzylphthalate	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Cadmium	0.5490	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Calcium	1690.0000	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Carbon Disulfide	0.0063	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chloroaniline[4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chloroethane	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chloroform	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chloromethane	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chloronaphthalene[2-]	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chlorophenol[2-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Chromium	9.7900	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Chrysene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Cobalt	5.2000	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Copper	5.9300	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Dibenz(a,h)anthracene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dibenzofuran	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dibromomethane	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3960	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01927	MD21-03-50466	0–0.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichlorophenol[2,4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Diethylphthalate	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dimethyl Phthalate	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dimethylphenol[2,4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Di-n-butylphthalate	0.1480	mg/kg	J
21-01927	MD21-03-50466	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dinitrophenol[2,4-]	0.7920	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Di-n-octylphthalate	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Fluoranthene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Fluorene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Hexachlorobenzene	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Hexachlorobutadiene	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Hexachlorocyclopentadiene	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Hexachloroethane	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Hexanone[2-]	0.0063	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Iodomethane	0.0063	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Iron	10560.0000	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Isophorone	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Isopropylbenzene	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Isopropyltoluene[4-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Lead	17.5000	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Magnesium	1650.0000	mg/kg	J+
21-01927	MD21-03-50466	0–0.5	Soil	Manganese	309.0000	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Mercury	0.0120	mg/kg	J+
21-01927	MD21-03-50466	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0063	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01927	MD21-03-50466	0–0.5	Soil	Methylene Chloride	0.0063	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Methylnaphthalene[2-]	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Methylphenol[2-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Methylphenol[4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Naphthalene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Nickel	5.3100	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Nitroaniline[2-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Nitroaniline[3-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Nitroaniline[4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Nitrophenol[2-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Nitrophenol[4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Pentachlorophenol	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Phenanthrene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Phenol	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Plutonium-238	0.0115	pCi/g	U
21-01927	MD21-03-50466	0–0.5	Soil	Plutonium-239	0.6500	pCi/g	None
21-01927	MD21-03-50466	0–0.5	Soil	Potassium	1170.0000	mg/kg	J+
21-01927	MD21-03-50466	0–0.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Pyrene	0.0396	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Pyridine	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Selenium	0.5490	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Silver	0.0561	mg/kg	J
21-01927	MD21-03-50466	0–0.5	Soil	Sodium	87.1000	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Strontium-90	0.1620	pCi/g	U
21-01927	MD21-03-50466	0–0.5	Soil	Styrene	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Thallium	0.1120	mg/kg	J
21-01927	MD21-03-50466	0–0.5	Soil	Thorium-228	1.4700	pCi/g	None
21-01927	MD21-03-50466	0–0.5	Soil	Thorium-230	1.1300	pCi/g	None
21-01927	MD21-03-50466	0–0.5	Soil	Thorium-232	1.2100	pCi/g	None
21-01927	MD21-03-50466	0–0.5	Soil	Toluene	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0063	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01927	MD21-03-50466	0–0.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3960	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Tritium	0.2569	pCi/g	None
21-01927	MD21-03-50466	0–0.5	Soil	Uranium-234	0.9400	pCi/g	None
21-01927	MD21-03-50466	0–0.5	Soil	Uranium-235	0.0692	pCi/g	None
21-01927	MD21-03-50466	0–0.5	Soil	Uranium-238	0.9100	pCi/g	None
21-01927	MD21-03-50466	0–0.5	Soil	Vanadium	21.2000	mg/kg	None
21-01927	MD21-03-50466	0–0.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0025	mg/kg	U
21-01927	MD21-03-50466	0–0.5	Soil	Zinc	30.8000	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Acenaphthene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Acenaphthylene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Acetone	0.0828	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Aluminum	472.0000	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Americium-241	0.0078	pCi/g	U
21-01927	MD21-03-50467	2–3	Soil	Aniline	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Anthracene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Antimony	0.4000	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Arsenic	2.7800	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Azobenzene	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Barium	16.0000	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Benzene	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Benzo(a)anthracene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Benzo(a)pyrene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Benzo(b)fluoranthene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Benzo(g,h,i)perylene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Benzo(k)fluoranthene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Benzoic Acid	0.6710	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Benzyl Alcohol	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Beryllium	0.1040	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Bis(2-chloroethoxy)methane	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Bis(2-chloroethyl)ether	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.1280	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Bromobenzene	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Bromochloromethane	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01927	MD21-03-50467	2–3	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Bromoform	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Bromomethane	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Bromophenyl-phenylether[4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Butanone[2-]	0.0063	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Butylbenzylphthalate	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Cadmium	0.4660	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Calcium	917.0000	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Carbon Disulfide	0.0063	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Chloro-3-methylphenol[4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Chloroaniline[4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Chlorobenzene	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Chloroethane	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Chloroform	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Chloromethane	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Chloronaphthalene[2-]	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Chlorophenol[2-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Chromium	10.1000	mg/kg	J+
21-01927	MD21-03-50467	2–3	Soil	Chrysene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Cobalt	0.3890	mg/kg	J
21-01927	MD21-03-50467	2–3	Soil	Copper	1.0400	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Dibenz(a,h)anthracene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dibenzofuran	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dibromomethane	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichlorobenzene[1,2-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichlorobenzene[1,3-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichlorobenzene[1,4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3360	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01927	MD21-03-50467	2–3	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichlorophenol[2,4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Diethylphthalate	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dimethyl Phthalate	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dimethylphenol[2,4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Di-n-butylphthalate	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dinitrophenol[2,4-]	0.6710	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dinitrotoluene[2,4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Dinitrotoluene[2,6-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Di-n-octylphthalate	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Ethylbenzene	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Fluoranthene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Fluorene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Hexachlorobenzene	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Hexachlorobutadiene	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Hexachlorocyclopentadiene	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Hexachloroethane	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Hexanone[2-]	0.0063	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Iodomethane	0.0063	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Iron	2940.0000	mg/kg	J
21-01927	MD21-03-50467	2–3	Soil	Isophorone	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Lead	5.1600	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Magnesium	220.0000	mg/kg	J+
21-01927	MD21-03-50467	2–3	Soil	Manganese	180.0000	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Mercury	0.0088	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Methyl-2-pentanone[4-]	0.0063	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01927	MD21-03-50467	2–3	Soil	Methylene Chloride	0.0063	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Methylnaphthalene[2-]	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Methylphenol[2-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Methylphenol[4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Naphthalene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Nickel	2.2000	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Nitroaniline[2-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Nitroaniline[3-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Nitroaniline[4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Nitrophenol[2-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Nitrophenol[4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Nitrosodimethylamine[N-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Nitrosodiphenylamine[N-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Pentachlorophenol	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Phenanthrene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Phenol	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Plutonium-238	-0.0019	pCi/g	U
21-01927	MD21-03-50467	2–3	Soil	Plutonium-239	-0.0019	pCi/g	U
21-01927	MD21-03-50467	2–3	Soil	Potassium	132.0000	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Pyrene	0.0336	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Pyridine	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Selenium	0.4660	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Silver	0.0252	mg/kg	J
21-01927	MD21-03-50467	2–3	Soil	Sodium	80.8000	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Strontium-90	-0.1030	pCi/g	U
21-01927	MD21-03-50467	2–3	Soil	Styrene	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Thallium	0.0362	mg/kg	J
21-01927	MD21-03-50467	2–3	Soil	Thorium-228	1.2700	pCi/g	None
21-01927	MD21-03-50467	2–3	Soil	Thorium-230	1.1700	pCi/g	None
21-01927	MD21-03-50467	2–3	Soil	Thorium-232	1.0700	pCi/g	None
21-01927	MD21-03-50467	2–3	Soil	Toluene	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0063	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01927	MD21-03-50467	2–3	Soil	Trichloroethene	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Trichlorophenol[2,4,5-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Trichlorophenol[2,4,6-]	0.3360	mg/kg	Uj
21-01927	MD21-03-50467	2–3	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Tritium	0.0106	pCi/g	None
21-01927	MD21-03-50467	2–3	Soil	Uranium-234	0.6290	pCi/g	None
21-01927	MD21-03-50467	2–3	Soil	Uranium-235	0.0304	pCi/g	None
21-01927	MD21-03-50467	2–3	Soil	Uranium-238	0.6180	pCi/g	None
21-01927	MD21-03-50467	2–3	Soil	Vanadium	1.6000	mg/kg	None
21-01927	MD21-03-50467	2–3	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0025	mg/kg	U
21-01927	MD21-03-50467	2–3	Soil	Zinc	29.5000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Acenaphthene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Acenaphthylene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Acetone	0.0890	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Aluminum	11900.0000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Americium-241	0.0310	pCi/g	U
21-01928	MD21-03-50468	0–0.5	Soil	Aniline	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Anthracene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Arsenic	3.3300	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Azobenzene	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Barium	127.0000	mg/kg	J+
21-01928	MD21-03-50468	0–0.5	Soil	Benzene	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Benzo(a)anthracene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Benzo(a)pyrene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Benzo(b)fluoranthene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Benzo(g,h,i)perylene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Benzo(k)fluoranthene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Benzoic Acid	0.7500	mg/kg	Uj
21-01928	MD21-03-50468	0–0.5	Soil	Benzyl Alcohol	0.3750	mg/kg	Uj
21-01928	MD21-03-50468	0–0.5	Soil	Beryllium	0.6150	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0862	mg/kg	J
21-01928	MD21-03-50468	0–0.5	Soil	Bromobenzene	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Bromochloromethane	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Bromodichloromethane	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01928	MD21-03-50468	0–0.5	Soil	Bromoform	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Bromomethane	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Butanone[2-]	0.0050	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Butylbenzylphthalate	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Cadmium	0.5250	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Calcium	2240.0000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Carbon Disulfide	0.0050	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chloroaniline[4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chlorobenzene	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chloroethane	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chloroform	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chloromethane	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chloronaphthalene[2-]	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chlorophenol[2-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Chromium	11.1000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Chrysene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Cobalt	6.6400	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Copper	5.4000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Dibenz(a,h)anthracene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dibenzofuran	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dibromomethane	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0279	mg/kg	J
21-01928	MD21-03-50468	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01928	MD21-03-50468	0–0.5	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichloroethene[1,1-]	0.0009	mg/kg	J
21-01928	MD21-03-50468	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichlorophenol[2,4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Diethylphthalate	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dimethyl Phthalate	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dimethylphenol[2,4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Di-n-butylphthalate	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dinitrophenol[2,4-]	0.7500	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Di-n-octylphthalate	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Ethylbenzene	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Fluoranthene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Fluorene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Hexachlorobenzene	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Hexachlorobutadiene	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Hexachlorocyclopentadiene	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Hexachloroethane	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Hexanone[2-]	0.0050	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Iodomethane	0.0050	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Iron	12860.0000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Isophorone	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Lead	15.1000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Magnesium	1980.0000	mg/kg	J+
21-01928	MD21-03-50468	0–0.5	Soil	Manganese	399.0000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Mercury	0.0153	mg/kg	J+
21-01928	MD21-03-50468	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0050	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Methylene Chloride	0.0050	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01928	MD21-03-50468	0–0.5	Soil	Methylnaphthalene[2-]	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Methylphenol[2-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Methylphenol[4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Naphthalene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Nickel	8.2600	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Nitroaniline[2-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Nitroaniline[3-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Nitroaniline[4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Nitrophenol[2-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Nitrophenol[4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Pentachlorophenol	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Phenanthrene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Phenol	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Plutonium-238	0.0065	pCi/g	U
21-01928	MD21-03-50468	0–0.5	Soil	Plutonium-239	0.0613	pCi/g	U
21-01928	MD21-03-50468	0–0.5	Soil	Potassium	1400.0000	mg/kg	J+
21-01928	MD21-03-50468	0–0.5	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Pyrene	0.0375	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Pyridine	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Selenium	0.3000	mg/kg	J
21-01928	MD21-03-50468	0–0.5	Soil	Silver	0.0554	mg/kg	J
21-01928	MD21-03-50468	0–0.5	Soil	Sodium	78.6000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Strontium-90	0.1670	pCi/g	U
21-01928	MD21-03-50468	0–0.5	Soil	Styrene	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Thallium	0.1810	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Thorium-228	1.1500	pCi/g	None
21-01928	MD21-03-50468	0–0.5	Soil	Thorium-230	1.2800	pCi/g	None
21-01928	MD21-03-50468	0–0.5	Soil	Thorium-232	1.2500	pCi/g	None
21-01928	MD21-03-50468	0–0.5	Soil	Toluene	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0050	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trichloroethene	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01928	MD21-03-50468	0–0.5	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3750	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Tritium	0.1465	pCi/g	None
21-01928	MD21-03-50468	0–0.5	Soil	Uranium-234	0.9640	pCi/g	None
21-01928	MD21-03-50468	0–0.5	Soil	Uranium-235	0.0782	pCi/g	None
21-01928	MD21-03-50468	0–0.5	Soil	Uranium-238	0.8710	pCi/g	None
21-01928	MD21-03-50468	0–0.5	Soil	Vanadium	28.2000	mg/kg	None
21-01928	MD21-03-50468	0–0.5	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0020	mg/kg	U
21-01928	MD21-03-50468	0–0.5	Soil	Zinc	24.6000	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Acenaphthene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Acenaphthylene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Acetone	0.0610	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Aluminum	5570.0000	mg/kg	J+
21-01928	MD21-03-50469	3.5–4.5	Soil	Americium-241	0.0612	pCi/g	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Aniline	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Anthracene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Antimony	0.4010	mg/kg	Uj
21-01928	MD21-03-50469	3.5–4.5	Soil	Arsenic	2.6700	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Azobenzene	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Barium	34.6000	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Benzene	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Benzo(a)anthracene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Benzo(a)pyrene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Benzoic Acid	0.6850	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Benzyl Alcohol	0.3420	mg/kg	Uj
21-01928	MD21-03-50469	3.5–4.5	Soil	Beryllium	0.3840	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.0322	mg/kg	J
21-01928	MD21-03-50469	3.5–4.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Bromodichloromethane	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01928	MD21-03-50469	3.5–4.5	Soil	Bromoform	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Butanone[2-]	0.0057	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Butylbenzylphthalate	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Cadmium	0.4860	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Calcium	1280.0000	mg/kg	J+
21-01928	MD21-03-50469	3.5–4.5	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chloroaniline[4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chloroform	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chlorophenol[2-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Chromium	15.2000	mg/kg	J
21-01928	MD21-03-50469	3.5–4.5	Soil	Chrysene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Cobalt	0.8880	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Copper	2.8200	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dibenzofuran	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0008	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Diethylphthalate	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dimethyl Phthalate	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Di-n-butylphthalate	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6850	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Di-n-octylphthalate	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Fluoranthene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Fluorene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Hexachlorobenzene	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Hexachlorobutadiene	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Hexachloroethane	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Hexanone[2-]	0.0057	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Iodomethane	0.0057	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Iron	7270.0000	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Isophorone	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Lead	5.3200	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Magnesium	1150.0000	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Manganese	156.0000	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Mercury	0.0228	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0057	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Methylene Chloride	0.0057	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01928	MD21-03-50469	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Methylphenol[2-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Methylphenol[4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Naphthalene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Nickel	4.1200	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Nitroaniline[2-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Nitroaniline[3-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Nitroaniline[4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Nitrophenol[2-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Nitrophenol[4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Pentachlorophenol	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Phenanthrene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Phenol	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Plutonium-238	0.0000	pCi/g	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Plutonium-239	-0.0124	pCi/g	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Potassium	698.0000	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Pyrene	0.0342	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Pyridine	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Selenium	0.4100	mg/kg	J
21-01928	MD21-03-50469	3.5–4.5	Soil	Silver	0.0541	mg/kg	J
21-01928	MD21-03-50469	3.5–4.5	Soil	Sodium	286.0000	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Strontium-90	0.1010	pCi/g	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Styrene	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Thallium	0.0872	mg/kg	J
21-01928	MD21-03-50469	3.5–4.5	Soil	Thorium-228	1.1300	pCi/g	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Thorium-230	1.2000	pCi/g	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Thorium-232	1.1800	pCi/g	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Toluene	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trichloroethene	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01928	MD21-03-50469	3.5–4.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3420	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Tritium	0.0148	pCi/g	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Uranium-234	0.6850	pCi/g	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Uranium-235	0.0440	pCi/g	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Uranium-238	0.6660	pCi/g	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Vanadium	6.6000	mg/kg	None
21-01928	MD21-03-50469	3.5–4.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-01928	MD21-03-50469	3.5–4.5	Soil	Zinc	16.3000	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Acenaphthene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Acenaphthylene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Acetone	0.1270	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Aluminum	11840.0000	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Americium-241	0.0738	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Aniline	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Anthracene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Arsenic	3.6500	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Azobenzene	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Barium	113.0000	mg/kg	J+
21-01929	MD21-03-50470	0–0.5	Soil	Benzene	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Benzo(a)anthracene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Benzo(a)pyrene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Benzo(b)fluoranthene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Benzo(g,h,i)perylene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Benzo(k)fluoranthene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Benzoic Acid	0.7110	mg/kg	Uj
21-01929	MD21-03-50470	0–0.5	Soil	Benzyl Alcohol	0.3550	mg/kg	Uj
21-01929	MD21-03-50470	0–0.5	Soil	Beryllium	0.5730	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0518	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Bromobenzene	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Bromochloromethane	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Bromodichloromethane	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Bromoform	0.0014	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01929	MD21-03-50470	0–0.5	Soil	Bromomethane	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Butanone[2-]	0.0068	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Butylbenzene[n-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Butylbenzene[sec-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Butylbenzene[tert-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Butylbenzylphthalate	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Cadmium	0.1480	mg/kg	J
21-01929	MD21-03-50470	0–0.5	Soil	Calcium	2570.0000	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Carbon Disulfide	0.0068	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Carbon Tetrachloride	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chloroaniline[4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chlorobenzene	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chlorodibromomethane	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chloroethane	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chloroform	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chloromethane	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chloronaphthalene[2-]	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chlorophenol[2-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chlorotoluene[2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chlorotoluene[4-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Chromium	9.4800	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Chrysene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Cobalt	5.0000	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Copper	6.9600	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Dibenz(a,h)anthracene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dibenzofuran	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dibromoethane[1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dibromomethane	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichlorodifluoromethane	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichloroethane[1,1-]	0.0014	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01929	MD21-03-50470	0–0.5	Soil	Dichloroethane[1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichloroethene[1,1-]	0.0015	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichlorophenol[2,4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichloropropane[1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichloropropane[1,3-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichloropropane[2,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichloropropene[1,1-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Diethylphthalate	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dimethyl Phthalate	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dimethylphenol[2,4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Di-n-butylphthalate	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dinitrophenol[2,4-]	0.7110	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Di-n-octylphthalate	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Ethylbenzene	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Fluoranthene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Fluorene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Hexachlorobenzene	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Hexachlorobutadiene	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Hexachlorocyclopentadiene	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Hexachloroethane	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Hexanone[2-]	0.0068	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Iodomethane	0.0068	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Iron	11040.0000	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Isophorone	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Isopropylbenzene	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Isopropyltoluene[4-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Lead	18.1000	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Magnesium	1890.0000	mg/kg	J+
21-01929	MD21-03-50470	0–0.5	Soil	Manganese	329.0000	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Mercury	0.0301	mg/kg	J+
21-01929	MD21-03-50470	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0068	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Methylene Chloride	0.0068	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Methylnaphthalene[2-]	0.0355	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01929	MD21-03-50470	0–0.5	Soil	Methylphenol[2-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Methylphenol[4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Naphthalene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Nickel	6.1200	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Nitroaniline[2-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Nitroaniline[3-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Nitroaniline[4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Nitrophenol[2-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Nitrophenol[4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Pentachlorophenol	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Phenanthrene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Phenol	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Plutonium-238	0.0066	pCi/g	U
21-01929	MD21-03-50470	0–0.5	Soil	Plutonium-239	1.0200	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Potassium	1690.0000	mg/kg	J+
21-01929	MD21-03-50470	0–0.5	Soil	Propylbenzene[1-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Pyrene	0.0355	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Pyridine	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Selenium	0.4890	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Silver	0.0664	mg/kg	J
21-01929	MD21-03-50470	0–0.5	Soil	Sodium	73.6000	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Strontium-90	0.2100	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Styrene	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Tetrachloroethene	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Thallium	0.1550	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Thorium-228	1.2700	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Thorium-230	1.0400	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Thorium-232	1.1900	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Toluene	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0068	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trichloroethene	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trichlorofluoromethane	0.0014	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01929	MD21-03-50470	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3550	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Tritium	0.1716	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Uranium-234	1.5300	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Uranium-235	0.0465	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Uranium-238	1.4800	pCi/g	None
21-01929	MD21-03-50470	0–0.5	Soil	Vanadium	20.8000	mg/kg	None
21-01929	MD21-03-50470	0–0.5	Soil	Vinyl Chloride	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Xylene[1,2-]	0.0014	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0027	mg/kg	U
21-01929	MD21-03-50470	0–0.5	Soil	Zinc	36.0000	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Acenaphthene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Acenaphthylene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Acetone	0.0797	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Aluminum	855.0000	mg/kg	J+
21-01929	MD21-03-50471	3.5–4.5	Soil	Americium-241	0.0225	pCi/g	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Aniline	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Anthracene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Antimony	0.4010	mg/kg	Uj
21-01929	MD21-03-50471	3.5–4.5	Soil	Arsenic	1.7800	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Azobenzene	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Barium	17.1000	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Benzene	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Benzo(a)anthracene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Benzo(a)pyrene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Benzoic Acid	0.6760	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Benzyl Alcohol	0.3380	mg/kg	Uj
21-01929	MD21-03-50471	3.5–4.5	Soil	Beryllium	0.2130	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.0434	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Bromobenzene	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Bromochloromethane	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Bromoform	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01929	MD21-03-50471	3.5–4.5	Soil	Bromomethane	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Butanone[2-]	0.0059	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Butylbenzylphthalate	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Cadmium	0.4910	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Calcium	300.0000	mg/kg	J+
21-01929	MD21-03-50471	3.5–4.5	Soil	Carbon Disulfide	0.0059	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chloroaniline[4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chlorobenzene	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chloroethane	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chloroform	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chloromethane	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chlorophenol[2-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Chromium	17.4000	mg/kg	J
21-01929	MD21-03-50471	3.5–4.5	Soil	Chrysene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Cobalt	0.5760	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Copper	1.4400	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dibenzofuran	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dibromomethane	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0032	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Diethylphthalate	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dimethyl Phthalate	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Di-n-butylphthalate	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6760	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Di-n-octylphthalate	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Ethylbenzene	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Fluoranthene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Fluorene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Hexachlorobenzene	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Hexachlorobutadiene	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Hexachloroethane	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Hexanone[2-]	0.0059	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Iodomethane	0.0059	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Iron	4510.0000	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Isophorone	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0019	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Lead	2.7600	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Magnesium	247.0000	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Manganese	171.0000	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Mercury	0.0146	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0059	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Methylene Chloride	0.0059	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0338	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01929	MD21-03-50471	3.5–4.5	Soil	Methylphenol[2-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Methylphenol[4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Naphthalene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Nickel	3.1700	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Nitroaniline[2-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Nitroaniline[3-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Nitroaniline[4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Nitrophenol[2-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Nitrophenol[4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Pentachlorophenol	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Phenanthrene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Phenol	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Plutonium-238	0.0000	pCi/g	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Plutonium-239	0.0382	pCi/g	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Potassium	163.0000	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Pyrene	0.0338	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Pyridine	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Selenium	0.2670	mg/kg	J
21-01929	MD21-03-50471	3.5–4.5	Soil	Silver	0.0335	mg/kg	J
21-01929	MD21-03-50471	3.5–4.5	Soil	Sodium	85.1000	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Strontium-90	0.0619	pCi/g	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Styrene	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Thallium	0.1080	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Thorium-228	1.4400	pCi/g	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Thorium-230	1.0700	pCi/g	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Thorium-232	1.0400	pCi/g	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Toluene	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trichloroethene	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trichlorofluoromethane	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01929	MD21-03-50471	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3380	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Tritium	0.0049	pCi/g	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Uranium-234	0.6280	pCi/g	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Uranium-235	0.0386	pCi/g	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Uranium-238	0.7220	pCi/g	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Vanadium	2.4600	mg/kg	None
21-01929	MD21-03-50471	3.5–4.5	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-01929	MD21-03-50471	3.5–4.5	Soil	Zinc	32.4000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Acenaphthene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Acenaphthylene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Acetone	0.0115	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Aluminum	7760.0000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Americium-241	0.0025	pCi/g	U
21-01932	MD21-03-50472	0–0.5	Soil	Aniline	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Anthracene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Arsenic	2.4200	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Azobenzene	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Barium	134.0000	mg/kg	J-
21-01932	MD21-03-50472	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Benzo(a)anthracene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Benzo(a)pyrene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Benzo(b)fluoranthene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Benzo(g,h,i)perylene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Benzo(k)fluoranthene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Benzoic Acid	0.7750	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Benzyl Alcohol	0.3870	mg/kg	Uj
21-01932	MD21-03-50472	0–0.5	Soil	Beryllium	0.4050	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0847	mg/kg	J
21-01932	MD21-03-50472	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01932	MD21-03-50472	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Butanone[2-]	0.0054	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Butylbenzylphthalate	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Cadmium	0.5580	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Calcium	1740.0000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Carbon Disulfide	0.0054	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chloroaniline[4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chloronaphthalene[2-]	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chlorophenol[2-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Chromium	6.3500	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Chrysene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Cobalt	3.4100	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Copper	4.3700	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Dibenz(a,h)anthracene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dibenzofuran	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01932	MD21-03-50472	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichlorophenol[2,4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Diethylphthalate	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dimethyl Phthalate	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dimethylphenol[2,4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Di-n-butylphthalate	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dinitrophenol[2,4-]	0.7750	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Di-n-octylphthalate	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Fluoranthene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Fluorene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Hexachlorobenzene	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Hexachlorobutadiene	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Hexachlorocyclopentadiene	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Hexachloroethane	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Hexanone[2-]	0.0054	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Iodomethane	0.0054	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Iron	9390.0000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Isophorone	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Lead	12.2000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Magnesium	1400.0000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Manganese	256.0000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Mercury	0.0118	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0054	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Methylene Chloride	0.0054	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Methylnaphthalene[2-]	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Methylphenol[2-]	0.3870	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01932	MD21-03-50472	0–0.5	Soil	Methylphenol[4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Naphthalene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Nickel	3.9600	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Nitroaniline[2-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Nitroaniline[3-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Nitroaniline[4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Nitrophenol[2-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Nitrophenol[4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Pentachlorophenol	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Phenanthrene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Phenol	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Plutonium-238	0.0034	pCi/g	U
21-01932	MD21-03-50472	0–0.5	Soil	Plutonium-239	0.0674	pCi/g	None
21-01932	MD21-03-50472	0–0.5	Soil	Potassium	965.0000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Pyrene	0.0387	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Pyridine	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Selenium	0.5630	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Silver	0.0410	mg/kg	J
21-01932	MD21-03-50472	0–0.5	Soil	Sodium	76.2000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Strontium-90	0.0083	pCi/g	U
21-01932	MD21-03-50472	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Thallium	0.1160	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Thorium-228	1.2300	pCi/g	None
21-01932	MD21-03-50472	0–0.5	Soil	Thorium-230	1.0100	pCi/g	None
21-01932	MD21-03-50472	0–0.5	Soil	Thorium-232	0.9370	pCi/g	None
21-01932	MD21-03-50472	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0054	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3870	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01932	MD21-03-50472	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3870	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Tritium	0.1148	pCi/g	None
21-01932	MD21-03-50472	0–0.5	Soil	Uranium-234	0.6530	pCi/g	None
21-01932	MD21-03-50472	0–0.5	Soil	Uranium-235	0.0536	pCi/g	None
21-01932	MD21-03-50472	0–0.5	Soil	Uranium-238	0.6890	pCi/g	None
21-01932	MD21-03-50472	0–0.5	Soil	Vanadium	16.6000	mg/kg	None
21-01932	MD21-03-50472	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-01932	MD21-03-50472	0–0.5	Soil	Zinc	24.9000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Acenaphthene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Acenaphthylene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Acetone	0.0809	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Aluminum	5500.0000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Americium-241	0.0160	pCi/g	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Aniline	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Anthracene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Arsenic	2.7600	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Azobenzene	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Barium	51.8000	mg/kg	J-
21-01932	MD21-03-50473	3.5–4.5	Soil	Benzene	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Benzo(a)anthracene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Benzo(a)pyrene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Benzoic Acid	0.6990	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Benzyl Alcohol	0.3490	mg/kg	Uj
21-01932	MD21-03-50473	3.5–4.5	Soil	Beryllium	0.3220	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.0726	mg/kg	J
21-01932	MD21-03-50473	3.5–4.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Bromoform	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3490	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01932	MD21-03-50473	3.5–4.5	Soil	Butanone[2-]	0.0056	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Butylbenzylphthalate	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Cadmium	0.4810	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Calcium	1490.0000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Carbon Disulfide	0.0056	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chloroaniline[4-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chloroform	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chlorophenol[2-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Chromium	502.0000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Chrysene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Cobalt	5.5800	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Copper	10.4000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dibenzofuran	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Diethylphthalate	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dimethyl Phthalate	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Di-n-butylphthalate	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6990	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Di-n-octylphthalate	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Fluoranthene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Fluorene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Hexachlorobenzene	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Hexachlorobutadiene	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Hexachloroethane	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Hexanone[2-]	0.0056	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Iodomethane	0.0056	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Iron	8930.0000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Isophorone	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0118	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Lead	12.5000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Magnesium	956.0000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Manganese	281.0000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Mercury	0.0152	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0056	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Methylene Chloride	0.0056	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Methylphenol[2-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Methylphenol[4-]	0.3490	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01932	MD21-03-50473	3.5–4.5	Soil	Naphthalene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Nickel	40.0000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Nitroaniline[2-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Nitroaniline[3-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Nitroaniline[4-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Nitrophenol[2-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Nitrophenol[4-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Pentachlorophenol	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Phenanthrene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Phenol	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Plutonium-238	0.0000	pCi/g	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Plutonium-239	0.0082	pCi/g	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Potassium	704.0000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Pyrene	0.0349	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Pyridine	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Selenium	0.2210	mg/kg	J
21-01932	MD21-03-50473	3.5–4.5	Soil	Silver	0.0408	mg/kg	J
21-01932	MD21-03-50473	3.5–4.5	Soil	Sodium	203.0000	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Strontium-90	0.0884	pCi/g	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Styrene	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Thallium	0.1050	mg/kg	J
21-01932	MD21-03-50473	3.5–4.5	Soil	Thorium-228	1.3000	pCi/g	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Thorium-230	0.9480	pCi/g	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Thorium-232	1.1200	pCi/g	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Toluene	0.0006	mg/kg	J
21-01932	MD21-03-50473	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0056	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3490	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3490	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01932	MD21-03-50473	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Tritium	0.0262	pCi/g	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Uranium-234	0.6170	pCi/g	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Uranium-235	0.0619	pCi/g	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Uranium-238	0.5980	pCi/g	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Vanadium	8.8600	mg/kg	None
21-01932	MD21-03-50473	3.5–4.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-01932	MD21-03-50473	3.5–4.5	Soil	Zinc	37.5000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Acenaphthene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Acenaphthylene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Acetone	0.0968	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Aluminum	9690.0000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Americium-241	0.0570	pCi/g	None
21-01933	MD21-03-50474	0–0.5	Soil	Aniline	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Anthracene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Arsenic	3.3200	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Azobenzene	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Barium	96.5000	mg/kg	J-
21-01933	MD21-03-50474	0–0.5	Soil	Benzene	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Benzo(a)anthracene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Benzo(a)pyrene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Benzo(b)fluoranthene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Benzo(g,h,i)perylene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Benzo(k)fluoranthene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Benzoic Acid	0.8280	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Benzyl Alcohol	0.4140	mg/kg	Uj
21-01933	MD21-03-50474	0–0.5	Soil	Beryllium	0.5800	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.1020	mg/kg	J
21-01933	MD21-03-50474	0–0.5	Soil	Bromobenzene	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Bromochloromethane	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Bromoform	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Bromomethane	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Butanone[2-]	0.0061	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01933	MD21-03-50474	0–0.5	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Butylbenzylphthalate	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Cadmium	0.5850	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Calcium	2280.0000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Carbon Disulfide	0.0061	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chloroaniline[4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chlorobenzene	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chloroethane	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chloroform	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chloromethane	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chloronaphthalene[2-]	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chlorophenol[2-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Chromium	7.5400	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Chrysene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Cobalt	3.5200	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Copper	6.0700	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Dibenz(a,h)anthracene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dibenzofuran	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dibromomethane	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01933	MD21-03-50474	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichlorophenol[2,4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Diethylphthalate	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dimethyl Phthalate	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dimethylphenol[2,4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Di-n-butylphthalate	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dinitrophenol[2,4-]	0.8280	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Di-n-octylphthalate	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Ethylbenzene	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Fluoranthene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Fluorene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Hexachlorobenzene	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Hexachlorobutadiene	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Hexachlorocyclopentadiene	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Hexachloroethane	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Hexanone[2-]	0.0061	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Iodomethane	0.0061	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Iron	10380.0000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Isophorone	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Lead	27.5000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Magnesium	1590.0000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Manganese	270.0000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Mercury	0.0243	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0061	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Methylene Chloride	0.0061	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Methylnaphthalene[2-]	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Methylphenol[2-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Methylphenol[4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Naphthalene	0.0414	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01933	MD21-03-50474	0–0.5	Soil	Nickel	5.1700	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Nitroaniline[2-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Nitroaniline[3-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Nitroaniline[4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Nitrophenol[2-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Nitrophenol[4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Pentachlorophenol	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Phenanthrene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Phenol	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Plutonium-238	0.0062	pCi/g	U
21-01933	MD21-03-50474	0–0.5	Soil	Plutonium-239	0.7050	pCi/g	None
21-01933	MD21-03-50474	0–0.5	Soil	Potassium	1300.0000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Pyrene	0.0414	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Pyridine	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Selenium	0.5420	mg/kg	J
21-01933	MD21-03-50474	0–0.5	Soil	Silver	0.0659	mg/kg	J
21-01933	MD21-03-50474	0–0.5	Soil	Sodium	67.2000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Strontium-90	0.0703	pCi/g	U
21-01933	MD21-03-50474	0–0.5	Soil	Styrene	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Thallium	0.1410	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Thorium-228	1.0700	pCi/g	None
21-01933	MD21-03-50474	0–0.5	Soil	Thorium-230	0.9940	pCi/g	None
21-01933	MD21-03-50474	0–0.5	Soil	Thorium-232	1.0100	pCi/g	None
21-01933	MD21-03-50474	0–0.5	Soil	Toluene	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0061	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trichloroethene	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4140	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01933	MD21-03-50474	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Tritium	0.2336	pCi/g	None
21-01933	MD21-03-50474	0–0.5	Soil	Uranium-234	0.8010	pCi/g	None
21-01933	MD21-03-50474	0–0.5	Soil	Uranium-235	0.0388	pCi/g	None
21-01933	MD21-03-50474	0–0.5	Soil	Uranium-238	0.7240	pCi/g	None
21-01933	MD21-03-50474	0–0.5	Soil	Vanadium	16.2000	mg/kg	None
21-01933	MD21-03-50474	0–0.5	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-01933	MD21-03-50474	0–0.5	Soil	Zinc	34.5000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Acenaphthene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Acenaphthylene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Acetone	0.3490	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Aluminum	4590.0000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Americium-241	-0.0037	pCi/g	U
21-01933	MD21-03-50475	2–3	Soil	Aniline	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Anthracene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Arsenic	2.8600	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Azobenzene	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Barium	29.5000	mg/kg	J-
21-01933	MD21-03-50475	2–3	Soil	Benzene	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Benzo(a)anthracene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Benzo(a)pyrene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Benzo(b)fluoranthene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Benzo(g,h,i)perylene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Benzo(k)fluoranthene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Benzoic Acid	0.7510	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Benzyl Alcohol	0.3750	mg/kg	Uj
21-01933	MD21-03-50475	2–3	Soil	Beryllium	0.3650	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Bis(2-chloroethoxy)methane	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Bis(2-chloroethyl)ether	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.0658	mg/kg	J
21-01933	MD21-03-50475	2–3	Soil	Bromobenzene	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Bromoform	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Bromomethane	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Bromophenyl-phenylether[4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Butanone[2-]	0.0143	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Butylbenzene[n-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01933	MD21-03-50475	2–3	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Butylbenzylphthalate	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Cadmium	0.4850	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Calcium	719.0000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Carbon Disulfide	0.0056	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chloro-3-methylphenol[4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chloroaniline[4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chloroethane	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chloroform	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chloromethane	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chloronaphthalene[2-]	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chlorophenol[2-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Chromium	679.0000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Chrysene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Cobalt	5.8500	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Copper	15.5000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Dibenz(a,h)anthracene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dibenzofuran	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dibromomethane	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichlorobenzene[1,2-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichlorobenzene[1,3-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichlorobenzene[1,4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01933	MD21-03-50475	2–3	Soil	Dichlorophenol[2,4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Diethylphthalate	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dimethyl Phthalate	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dimethylphenol[2,4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Di-n-butylphthalate	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dinitrophenol[2,4-]	0.7510	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dinitrotoluene[2,4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Dinitrotoluene[2,6-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Di-n-octylphthalate	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Fluoranthene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Fluorene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Hexachlorobenzene	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Hexachlorobutadiene	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Hexachlorocyclopentadiene	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Hexachloroethane	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Hexanone[2-]	0.0056	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Iodomethane	0.0056	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Iron	9860.0000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Isophorone	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Isopropyltoluene[4-]	0.0035	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Lead	19.1000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Magnesium	728.0000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Manganese	235.0000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Mercury	0.0110	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Methyl-2-pentanone[4-]	0.0056	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Methylene Chloride	0.0056	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Methylnaphthalene[2-]	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Methylphenol[2-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Methylphenol[4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Naphthalene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Nickel	48.8000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01933	MD21-03-50475	2–3	Soil	Nitroaniline[2-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Nitroaniline[3-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Nitroaniline[4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Nitrophenol[2-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Nitrophenol[4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Nitrosodimethylamine[N-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Nitrosodiphenylamine[N-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Pentachlorophenol	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Phenanthrene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Phenol	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Plutonium-238	-0.0019	pCi/g	U
21-01933	MD21-03-50475	2–3	Soil	Plutonium-239	0.0248	pCi/g	U
21-01933	MD21-03-50475	2–3	Soil	Potassium	598.0000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Pyrene	0.0375	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Pyridine	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Selenium	0.3470	mg/kg	J
21-01933	MD21-03-50475	2–3	Soil	Silver	0.0397	mg/kg	J
21-01933	MD21-03-50475	2–3	Soil	Sodium	264.0000	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Strontium-90	0.1370	pCi/g	U
21-01933	MD21-03-50475	2–3	Soil	Styrene	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Thallium	0.0664	mg/kg	J
21-01933	MD21-03-50475	2–3	Soil	Thorium-228	1.2900	pCi/g	None
21-01933	MD21-03-50475	2–3	Soil	Thorium-230	0.9980	pCi/g	None
21-01933	MD21-03-50475	2–3	Soil	Thorium-232	1.2200	pCi/g	None
21-01933	MD21-03-50475	2–3	Soil	Toluene	0.0005	mg/kg	J
21-01933	MD21-03-50475	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0056	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Trichloroethene	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Trichlorophenol[2,4,5-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Trichlorophenol[2,4,6-]	0.3750	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01933	MD21-03-50475	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Tritium	0.0117	pCi/g	None
21-01933	MD21-03-50475	2–3	Soil	Uranium-234	0.7400	pCi/g	None
21-01933	MD21-03-50475	2–3	Soil	Uranium-235	0.0306	pCi/g	U
21-01933	MD21-03-50475	2–3	Soil	Uranium-238	0.8240	pCi/g	None
21-01933	MD21-03-50475	2–3	Soil	Vanadium	8.9700	mg/kg	None
21-01933	MD21-03-50475	2–3	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-01933	MD21-03-50475	2–3	Soil	Zinc	36.4000	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Acenaphthene	0.0431	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Acenaphthylene	0.0431	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Acetone	0.0258	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Aluminum	10400.0000	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Americium-241	0.1420	pCi/g	None
21-01934	MD21-03-50476	0–0.5	Soil	Aniline	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Anthracene	0.0431	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Arsenic	3.7800	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Azobenzene	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Barium	110.0000	mg/kg	J-
21-01934	MD21-03-50476	0–0.5	Soil	Benzene	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Benzo(a)anthracene	0.0432	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Benzo(a)pyrene	0.0404	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Benzo(b)fluoranthene	0.0553	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Benzo(g,h,i)perylene	0.0386	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Benzo(k)fluoranthene	0.0307	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Benzoic Acid	0.8630	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Benzyl Alcohol	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Beryllium	0.5780	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.1010	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Bromobenzene	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Bromochloromethane	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Bromoform	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Bromomethane	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Butanone[2-]	0.0066	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01934	MD21-03-50476	0–0.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Butylbenzylphthalate	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Cadmium	0.1250	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Calcium	3990.0000	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Carbon Disulfide	0.0066	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chloroaniline[4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chloroethane	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chloroform	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chloromethane	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chloronaphthalene[2-]	0.0431	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chlorophenol[2-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Chromium	8.0900	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Chrysene	0.0470	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Cobalt	3.8000	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Copper	9.0000	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Dibenz(a,h)anthracene	0.0431	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dibenzofuran	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dibromomethane	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichlorophenol[2,4-]	0.4310	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01934	MD21-03-50476	0–0.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Diethylphthalate	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dimethyl Phthalate	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dimethylphenol[2,4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Di-n-butylphthalate	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dinitrophenol[2,4-]	0.8630	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Di-n-octylphthalate	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Fluoranthene	0.0555	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Fluorene	0.0078	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Hexachlorobenzene	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Hexachlorobutadiene	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Hexachlorocyclopentadiene	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Hexachloroethane	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Hexanone[2-]	0.0066	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0352	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Iodomethane	0.0066	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Iron	10670.0000	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Isophorone	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Isopropylbenzene	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Isopropyltoluene[4-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Lead	27.9000	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Magnesium	2050.0000	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Manganese	325.0000	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Mercury	0.0525	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0066	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Methylene Chloride	0.0066	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Methylnaphthalene[2-]	0.0431	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Methylphenol[2-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Methylphenol[4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Naphthalene	0.0431	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Nickel	5.6900	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Nitroaniline[2-]	0.4310	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01934	MD21-03-50476	0–0.5	Soil	Nitroaniline[3-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Nitroaniline[4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Nitrophenol[2-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Nitrophenol[4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Pentachlorophenol	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Phenanthrene	0.0258	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Phenol	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Plutonium-238	0.0208	pCi/g	U
21-01934	MD21-03-50476	0–0.5	Soil	Plutonium-239	1.5500	pCi/g	None
21-01934	MD21-03-50476	0–0.5	Soil	Potassium	1420.0000	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Pyrene	0.0491	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Pyridine	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Selenium	0.6110	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Silver	0.0817	mg/kg	J
21-01934	MD21-03-50476	0–0.5	Soil	Sodium	105.0000	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Strontium-90	0.0908	pCi/g	U
21-01934	MD21-03-50476	0–0.5	Soil	Styrene	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Thallium	0.2020	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Thorium-228	1.0500	pCi/g	None
21-01934	MD21-03-50476	0–0.5	Soil	Thorium-230	0.9030	pCi/g	None
21-01934	MD21-03-50476	0–0.5	Soil	Thorium-232	0.9130	pCi/g	None
21-01934	MD21-03-50476	0–0.5	Soil	Toluene	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0066	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4310	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01934	MD21-03-50476	0–0.5	Soil	Tritium	0.4573	pCi/g	None
21-01934	MD21-03-50476	0–0.5	Soil	Uranium-234	1.6400	pCi/g	None
21-01934	MD21-03-50476	0–0.5	Soil	Uranium-235	0.0814	pCi/g	None
21-01934	MD21-03-50476	0–0.5	Soil	Uranium-238	1.9100	pCi/g	None
21-01934	MD21-03-50476	0–0.5	Soil	Vanadium	17.0000	mg/kg	None
21-01934	MD21-03-50476	0–0.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0026	mg/kg	U
21-01934	MD21-03-50476	0–0.5	Soil	Zinc	47.1000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Acenaphthene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Acenaphthylene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Acetone	0.0245	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Aluminum	1450.0000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Americium-241	0.0262	pCi/g	U
21-01934	MD21-03-50477	2.5–3	Soil	Aniline	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Anthracene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Arsenic	2.1700	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Azobenzene	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Barium	19.8000	mg/kg	J-
21-01934	MD21-03-50477	2.5–3	Soil	Benzene	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Benzo(a)anthracene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Benzo(a)pyrene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Benzo(b)fluoranthene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Benzo(g,h,i)perylene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Benzo(k)fluoranthene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Benzoic Acid	0.7010	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Benzyl Alcohol	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Beryllium	0.3020	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Bis(2-chloroethoxy)methane	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Bis(2-chloroethyl)ether	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Bis(2-ethylhexyl)phthalate	0.0921	mg/kg	J
21-01934	MD21-03-50477	2.5–3	Soil	Bromobenzene	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Bromochloromethane	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Bromoform	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Bromomethane	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Bromophenyl-phenylether[4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Butanone[2-]	0.0060	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01934	MD21-03-50477	2.5–3	Soil	Butylbenzylphthalate	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Cadmium	0.5140	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Calcium	395.0000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Carbon Disulfide	0.0060	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chloro-3-methylphenol[4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chloroaniline[4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chlorobenzene	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chloroethane	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chloroform	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chloromethane	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chloronaphthalene[2-]	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chlorophenol[2-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Chromium	224.0000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Chrysene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Cobalt	2.2100	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Copper	4.6000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Dibenz(a,h)anthracene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dibenzofuran	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dibromomethane	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichlorobenzene[1,2-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichlorobenzene[1,3-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichlorobenzene[1,4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichlorobenzidine[3,3'-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichlorophenol[2,4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01934	MD21-03-50477	2.5–3	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Diethylphthalate	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dimethyl Phthalate	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dimethylphenol[2,4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Di-n-butylphthalate	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dinitrophenol[2,4-]	0.7010	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dinitrotoluene[2,4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Dinitrotoluene[2,6-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Di-n-octylphthalate	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Ethylbenzene	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Fluoranthene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Fluorene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Hexachlorobenzene	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Hexachlorobutadiene	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Hexachlorocyclopentadiene	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Hexachloroethane	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Hexanone[2-]	0.0060	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Indeno(1,2,3-cd)pyrene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Iodomethane	0.0060	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Iron	5490.0000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Isophorone	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Lead	3.8300	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Magnesium	244.0000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Manganese	258.0000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Mercury	0.0298	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Methyl-2-pentanone[4-]	0.0079	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Methylene Chloride	0.0060	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Methylnaphthalene[2-]	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Methylphenol[2-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Methylphenol[4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Naphthalene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Nickel	22.2000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Nitroaniline[2-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Nitroaniline[3-]	0.3500	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01934	MD21-03-50477	2.5–3	Soil	Nitroaniline[4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Nitrophenol[2-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Nitrophenol[4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Nitrosodimethylamine[N-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Nitroso-di-n-propylamine[N-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Nitrosodiphenylamine[N-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Pentachlorophenol	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Phenanthrene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Phenol	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Plutonium-238	0.0033	pCi/g	U
21-01934	MD21-03-50477	2.5–3	Soil	Plutonium-239	0.2010	pCi/g	None
21-01934	MD21-03-50477	2.5–3	Soil	Potassium	303.0000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Pyrene	0.0350	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Pyridine	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Selenium	0.2730	mg/kg	J
21-01934	MD21-03-50477	2.5–3	Soil	Silver	0.0481	mg/kg	J
21-01934	MD21-03-50477	2.5–3	Soil	Sodium	160.0000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Strontium-90	0.5630	pCi/g	None
21-01934	MD21-03-50477	2.5–3	Soil	Styrene	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Thallium	0.0506	mg/kg	J
21-01934	MD21-03-50477	2.5–3	Soil	Thorium-228	1.4000	pCi/g	None
21-01934	MD21-03-50477	2.5–3	Soil	Thorium-230	1.0300	pCi/g	None
21-01934	MD21-03-50477	2.5–3	Soil	Thorium-232	1.3400	pCi/g	None
21-01934	MD21-03-50477	2.5–3	Soil	Toluene	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0060	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trichlorobenzene[1,2,4-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trichloroethene	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trichlorophenol[2,4,5-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trichlorophenol[2,4,6-]	0.3500	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Tritium	0.0323	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01934	MD21-03-50477	2.5–3	Soil	Uranium-234	0.8600	pCi/g	None
21-01934	MD21-03-50477	2.5–3	Soil	Uranium-235	0.0523	pCi/g	None
21-01934	MD21-03-50477	2.5–3	Soil	Uranium-238	0.7270	pCi/g	None
21-01934	MD21-03-50477	2.5–3	Soil	Vanadium	3.6000	mg/kg	None
21-01934	MD21-03-50477	2.5–3	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-01934	MD21-03-50477	2.5–3	Soil	Zinc	28.7000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Acenaphthene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Acenaphthylene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Acetone	0.0194	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Aluminum	6550.0000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Americium-241	0.0582	pCi/g	None
21-01935	MD21-03-50478	0–0.5	Soil	Aniline	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Anthracene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Arsenic	2.3400	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Azobenzene	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Barium	69.7000	mg/kg	J-
21-01935	MD21-03-50478	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Benzo(a)anthracene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Benzo(a)pyrene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Benzo(b)fluoranthene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Benzo(g,h,i)perylene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Benzo(k)fluoranthene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Benzoic Acid	0.7220	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Benzyl Alcohol	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Beryllium	0.3630	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0790	mg/kg	J
21-01935	MD21-03-50478	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Butanone[2-]	0.0054	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Butylbenzylphthalate	0.3610	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01935	MD21-03-50478	0–0.5	Soil	Cadmium	0.0553	mg/kg	J
21-01935	MD21-03-50478	0–0.5	Soil	Calcium	1530.0000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Carbon Disulfide	0.0054	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chloroaniline[4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chloronaphthalene[2-]	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chlorophenol[2-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Chromium	7.1100	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Chrysene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Cobalt	3.8200	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Copper	5.2400	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Dibenz(a,h)anthracene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dibenzofuran	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichlorophenol[2,4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01935	MD21-03-50478	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Diethylphthalate	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dimethyl Phthalate	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dimethylphenol[2,4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Di-n-butylphthalate	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dinitrophenol[2,4-]	0.7220	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Di-n-octylphthalate	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Fluoranthene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Fluorene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Hexachlorobenzene	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Hexachlorobutadiene	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Hexachlorocyclopentadiene	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Hexachloroethane	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Hexanone[2-]	0.0054	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Iodomethane	0.0054	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Iron	8890.0000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Isophorone	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Lead	20.4000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Magnesium	1130.0000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Manganese	225.0000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Mercury	0.0111	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0054	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Methylene Chloride	0.0054	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Methylnaphthalene[2-]	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Methylphenol[2-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Methylphenol[4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Naphthalene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Nickel	4.2200	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Nitroaniline[2-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Nitroaniline[3-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Nitroaniline[4-]	0.3610	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01935	MD21-03-50478	0–0.5	Soil	Nitrophenol[2-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Nitrophenol[4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Pentachlorophenol	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Phenanthrene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Phenol	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Plutonium-238	0.0066	pCi/g	U
21-01935	MD21-03-50478	0–0.5	Soil	Plutonium-239	0.6410	pCi/g	None
21-01935	MD21-03-50478	0–0.5	Soil	Potassium	1040.0000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Pyrene	0.0361	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Pyridine	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Selenium	0.5010	mg/kg	J
21-01935	MD21-03-50478	0–0.5	Soil	Silver	0.0464	mg/kg	J
21-01935	MD21-03-50478	0–0.5	Soil	Sodium	67.2000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Strontium-90	0.0492	pCi/g	U
21-01935	MD21-03-50478	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Thallium	0.1010	mg/kg	J
21-01935	MD21-03-50478	0–0.5	Soil	Thorium-228	1.0800	pCi/g	None
21-01935	MD21-03-50478	0–0.5	Soil	Thorium-230	1.0700	pCi/g	None
21-01935	MD21-03-50478	0–0.5	Soil	Thorium-232	0.9750	pCi/g	None
21-01935	MD21-03-50478	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0054	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3610	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Tritium	0.1715	pCi/g	None
21-01935	MD21-03-50478	0–0.5	Soil	Uranium-234	1.4400	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01935	MD21-03-50478	0–0.5	Soil	Uranium-235	0.1170	pCi/g	None
21-01935	MD21-03-50478	0–0.5	Soil	Uranium-238	1.5900	pCi/g	None
21-01935	MD21-03-50478	0–0.5	Soil	Vanadium	16.7000	mg/kg	None
21-01935	MD21-03-50478	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-01935	MD21-03-50478	0–0.5	Soil	Zinc	23.7000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Acenaphthene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Acenaphthylene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Acetone	0.0423	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Aluminum	5390.0000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Americium-241	0.0235	pCi/g	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Aniline	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Anthracene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Arsenic	2.4700	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Azobenzene	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Barium	34.5000	mg/kg	J-
21-01935	MD21-03-50479	3.5–4.5	Soil	Benzene	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Benzo(a)anthracene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Benzo(a)pyrene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Benzoic Acid	0.6970	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Benzyl Alcohol	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Beryllium	0.3750	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.0882	mg/kg	J
21-01935	MD21-03-50479	3.5–4.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Bromoform	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Butanone[2-]	0.0057	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Butylbenzylphthalate	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Cadmium	0.5030	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01935	MD21-03-50479	3.5–4.5	Soil	Calcium	1450.0000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chloroaniline[4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chloroform	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chlorophenol[2-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Chromium	335.0000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Chrysene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Cobalt	3.4500	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Copper	7.2800	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dibenzofuran	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Diethylphthalate	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dimethyl Phthalate	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Di-n-butylphthalate	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6970	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Di-n-octylphthalate	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Fluoranthene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Fluorene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Hexachlorobenzene	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Hexachlorobutadiene	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Hexachloroethane	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Hexanone[2-]	0.0057	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Iodomethane	0.0057	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Iron	8980.0000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Isophorone	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Lead	5.1300	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Magnesium	1060.0000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Manganese	187.0000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Mercury	0.0399	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0141	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Methylene Chloride	0.0057	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Methylphenol[2-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Methylphenol[4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Naphthalene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Nickel	29.8000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Nitroaniline[2-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Nitroaniline[3-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Nitroaniline[4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Nitrophenol[2-]	0.3480	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01935	MD21-03-50479	3.5–4.5	Soil	Nitrophenol[4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Pentachlorophenol	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Phenanthrene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Phenol	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Plutonium-238	0.0017	pCi/g	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Plutonium-239	0.0102	pCi/g	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Potassium	598.0000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Pyrene	0.0348	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Pyridine	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Selenium	0.4260	mg/kg	J
21-01935	MD21-03-50479	3.5–4.5	Soil	Silver	0.0545	mg/kg	J
21-01935	MD21-03-50479	3.5–4.5	Soil	Sodium	211.0000	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Strontium-90	-0.0269	pCi/g	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Styrene	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Thallium	0.1330	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Thorium-228	1.4400	pCi/g	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Thorium-230	1.2400	pCi/g	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Thorium-232	1.3200	pCi/g	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Toluene	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3480	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Tritium	0.0149	pCi/g	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Uranium-234	0.7650	pCi/g	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Uranium-235	0.0609	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01935	MD21-03-50479	3.5–4.5	Soil	Uranium-238	0.7750	pCi/g	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Vanadium	8.2900	mg/kg	None
21-01935	MD21-03-50479	3.5–4.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-01935	MD21-03-50479	3.5–4.5	Soil	Zinc	37.0000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Acenaphthene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Acenaphthylene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Acetone	0.0166	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Aluminum	5830.0000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Americium-241	0.3990	pCi/g	None
21-01936	MD21-03-50480	0–0.5	Soil	Aniline	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Anthracene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Arsenic	2.3800	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Azobenzene	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Barium	70.7000	mg/kg	J-
21-01936	MD21-03-50480	0–0.5	Soil	Benzene	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Benzo(a)anthracene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Benzo(a)pyrene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Benzo(b)fluoranthene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Benzo(g,h,i)perylene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Benzo(k)fluoranthene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Benzoic Acid	0.7790	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Benzyl Alcohol	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Beryllium	0.4110	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.1110	mg/kg	J
21-01936	MD21-03-50480	0–0.5	Soil	Bromobenzene	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Bromochloromethane	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Bromoform	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Bromomethane	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Butanone[2-]	0.0048	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Butylbenzylphthalate	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Cadmium	0.6710	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Calcium	2880.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01936	MD21-03-50480	0–0.5	Soil	Carbon Disulfide	0.0048	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chloroaniline[4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chlorobenzene	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chloroethane	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chloroform	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chloromethane	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chloronaphthalene[2-]	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chlorophenol[2-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Chromium	6.3000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Chrysene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Cobalt	3.0200	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Copper	10.8000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Dibenz(a,h)anthracene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dibenzofuran	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dibromomethane	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichlorophenol[2,4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01936	MD21-03-50480	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Diethylphthalate	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dimethyl Phthalate	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dimethylphenol[2,4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Di-n-butylphthalate	0.0626	mg/kg	J
21-01936	MD21-03-50480	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dinitrophenol[2,4-]	0.7790	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Di-n-octylphthalate	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Ethylbenzene	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Fluoranthene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Fluorene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Hexachlorobenzene	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Hexachlorobutadiene	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Hexachlorocyclopentadiene	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Hexachloroethane	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Hexanone[2-]	0.0048	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Iodomethane	0.0048	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Iron	7980.0000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Isophorone	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Lead	40.0000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Magnesium	1090.0000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Manganese	209.0000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Mercury	0.0496	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0048	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Methylene Chloride	0.0048	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Methylnaphthalene[2-]	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Methylphenol[2-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Methylphenol[4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Naphthalene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Nickel	5.4800	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Nitroaniline[2-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Nitroaniline[3-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Nitroaniline[4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Nitrophenol[2-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Nitrophenol[4-]	0.3900	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01936	MD21-03-50480	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Pentachlorophenol	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Phenanthrene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Phenol	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Plutonium-238	0.0310	pCi/g	None
21-01936	MD21-03-50480	0–0.5	Soil	Plutonium-239	2.8900	pCi/g	None
21-01936	MD21-03-50480	0–0.5	Soil	Potassium	874.0000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Pyrene	0.0390	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Pyridine	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Selenium	0.4330	mg/kg	J
21-01936	MD21-03-50480	0–0.5	Soil	Silver	0.5650	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Sodium	75.9000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Strontium-90	-0.0118	pCi/g	U
21-01936	MD21-03-50480	0–0.5	Soil	Styrene	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Thallium	0.1010	mg/kg	J
21-01936	MD21-03-50480	0–0.5	Soil	Thorium-228	1.2200	pCi/g	None
21-01936	MD21-03-50480	0–0.5	Soil	Thorium-230	1.1900	pCi/g	None
21-01936	MD21-03-50480	0–0.5	Soil	Thorium-232	1.1200	pCi/g	None
21-01936	MD21-03-50480	0–0.5	Soil	Toluene	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0048	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trichloroethene	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3900	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Tritium	0.3181	pCi/g	None
21-01936	MD21-03-50480	0–0.5	Soil	Uranium-234	0.9080	pCi/g	None
21-01936	MD21-03-50480	0–0.5	Soil	Uranium-235	0.0415	pCi/g	None
21-01936	MD21-03-50480	0–0.5	Soil	Uranium-238	0.9130	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01936	MD21-03-50480	0–0.5	Soil	Vanadium	14.8000	mg/kg	None
21-01936	MD21-03-50480	0–0.5	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0019	mg/kg	U
21-01936	MD21-03-50480	0–0.5	Soil	Zinc	53.9000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Acenaphthene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Acenaphthylene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Acetone	0.0282	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Aluminum	5840.0000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Americium-241	0.0143	pCi/g	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Aniline	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Anthracene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Arsenic	2.7300	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Azobenzene	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Barium	42.7000	mg/kg	J-
21-01936	MD21-03-50481	3.5–4.5	Soil	Benzene	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Benzo(a)anthracene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Benzo(a)pyrene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Benzoic Acid	0.6930	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Benzyl Alcohol	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Beryllium	0.4870	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.0518	mg/kg	J
21-01936	MD21-03-50481	3.5–4.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Bromoform	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Butanone[2-]	0.0056	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Butylbenzylphthalate	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Cadmium	0.5050	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Calcium	1570.0000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Carbon Disulfide	0.0056	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01936	MD21-03-50481	3.5–4.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chloroaniline[4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chloroform	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chlorophenol[2-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Chromium	229.0000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Chrysene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Cobalt	3.2100	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Copper	5.5900	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dibenzofuran	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01936	MD21-03-50481	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Diethylphthalate	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dimethyl Phthalate	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Di-n-butylphthalate	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6930	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Di-n-octylphthalate	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Fluoranthene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Fluorene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Hexachlorobenzene	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Hexachlorobutadiene	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Hexachloroethane	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Hexanone[2-]	0.0056	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Iodomethane	0.0056	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Iron	9360.0000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Isophorone	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Lead	5.1900	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Magnesium	1070.0000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Manganese	215.0000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Mercury	0.0161	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0105	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Methylene Chloride	0.0056	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Methylphenol[2-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Methylphenol[4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Naphthalene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Nickel	30.5000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Nitroaniline[2-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Nitroaniline[3-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Nitroaniline[4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Nitrophenol[2-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Nitrophenol[4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3460	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01936	MD21-03-50481	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Pentachlorophenol	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Phenanthrene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Phenol	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Plutonium-238	-0.0018	pCi/g	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Plutonium-239	0.1980	pCi/g	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Potassium	631.0000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Pyrene	0.0346	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Pyridine	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Selenium	0.5050	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Silver	0.0647	mg/kg	J
21-01936	MD21-03-50481	3.5–4.5	Soil	Sodium	191.0000	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Strontium-90	0.0696	pCi/g	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Styrene	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Thallium	0.1250	mg/kg	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Thorium-228	1.1000	pCi/g	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Thorium-230	1.0900	pCi/g	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Thorium-232	0.9630	pCi/g	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Toluene	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0056	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3460	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Tritium	0.0191	pCi/g	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Uranium-234	0.5620	pCi/g	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Uranium-235	0.0689	pCi/g	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Uranium-238	0.6580	pCi/g	None
21-01936	MD21-03-50481	3.5–4.5	Soil	Vanadium	8.5800	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01936	MD21-03-50481	3.5–4.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-01936	MD21-03-50481	3.5–4.5	Soil	Zinc	35.7000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Acenaphthene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Acenaphthylene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Acetone	0.0752	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Aluminum	10340.0000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Americium-241	0.0759	pCi/g	None
21-01939	MD21-03-50482	0–0.5	Soil	Aniline	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Anthracene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Arsenic	2.3500	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Azobenzene	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Barium	468.0000	mg/kg	J-
21-01939	MD21-03-50482	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Benzo(a)anthracene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Benzo(a)pyrene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Benzo(b)fluoranthene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Benzo(g,h,i)perylene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Benzo(k)fluoranthene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Benzoic Acid	0.8000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Benzyl Alcohol	0.4000	mg/kg	Uj
21-01939	MD21-03-50482	0–0.5	Soil	Beryllium	0.4270	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0660	mg/kg	J
21-01939	MD21-03-50482	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Butanone[2-]	0.0054	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Butylbenzylphthalate	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Cadmium	0.5160	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Calcium	2920.0000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Carbon Disulfide	0.0054	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01939	MD21-03-50482	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chloroaniline[4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chloronaphthalene[2-]	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chlorophenol[2-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Chromium	10.1000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Chrysene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Cobalt	5.4400	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Copper	7.6500	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Dibenz(a,h)anthracene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dibenzofuran	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichlorophenol[2,4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01939	MD21-03-50482	0–0.5	Soil	Diethylphthalate	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dimethyl Phthalate	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dimethylphenol[2,4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Di-n-butylphthalate	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dinitrophenol[2,4-]	0.8000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Di-n-octylphthalate	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Fluoranthene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Fluorene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Hexachlorobenzene	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Hexachlorobutadiene	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Hexachlorocyclopentadiene	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Hexachloroethane	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Hexanone[2-]	0.0054	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Iodomethane	0.0054	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Iron	12400.0000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Isophorone	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Isopropyltoluene[4-]	0.0005	mg/kg	J
21-01939	MD21-03-50482	0–0.5	Soil	Lead	25.2000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Magnesium	2140.0000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Manganese	306.0000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Mercury	0.0133	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0054	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Methylene Chloride	0.0054	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Methylnaphthalene[2-]	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Methylphenol[2-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Methylphenol[4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Naphthalene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Nickel	5.1600	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Nitroaniline[2-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Nitroaniline[3-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Nitroaniline[4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Nitrophenol[2-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Nitrophenol[4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4000	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01939	MD21-03-50482	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Pentachlorophenol	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Phenanthrene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Phenol	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Plutonium-238	0.0123	pCi/g	U
21-01939	MD21-03-50482	0–0.5	Soil	Plutonium-239	1.9000	pCi/g	None
21-01939	MD21-03-50482	0–0.5	Soil	Potassium	1170.0000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Pyrene	0.0400	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Pyridine	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Selenium	0.5600	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Silver	0.0611	mg/kg	J
21-01939	MD21-03-50482	0–0.5	Soil	Sodium	330.0000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Strontium-90	0.0982	pCi/g	U
21-01939	MD21-03-50482	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Thallium	0.1170	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Thorium-228	1.1800	pCi/g	None
21-01939	MD21-03-50482	0–0.5	Soil	Thorium-230	1.1300	pCi/g	None
21-01939	MD21-03-50482	0–0.5	Soil	Thorium-232	1.0900	pCi/g	None
21-01939	MD21-03-50482	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0054	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4000	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Tritium	0.3277	pCi/g	None
21-01939	MD21-03-50482	0–0.5	Soil	Uranium-234	0.8520	pCi/g	None
21-01939	MD21-03-50482	0–0.5	Soil	Uranium-235	0.0496	pCi/g	None
21-01939	MD21-03-50482	0–0.5	Soil	Uranium-238	0.9600	pCi/g	None
21-01939	MD21-03-50482	0–0.5	Soil	Vanadium	26.2000	mg/kg	None
21-01939	MD21-03-50482	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01939	MD21-03-50482	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-01939	MD21-03-50482	0–0.5	Soil	Zinc	29.6000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Acenaphthene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Acenaphthylene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Acetone	0.0258	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Aluminum	1450.0000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Americium-241	-0.0054	pCi/g	U
21-01939	MD21-03-50538	6–7	Soil	Aniline	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Anthracene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Arsenic	1.9000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Azobenzene	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Barium	27.3000	mg/kg	J-
21-01939	MD21-03-50538	6–7	Soil	Benzene	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Benzo(a)anthracene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Benzo(a)pyrene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Benzo(b)fluoranthene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Benzo(g,h,i)perylene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Benzo(k)fluoranthene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Benzoic Acid	0.6890	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Benzyl Alcohol	0.3440	mg/kg	Uj
21-01939	MD21-03-50538	6–7	Soil	Beryllium	0.2730	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Bis(2-chloroethoxy)methane	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Bis(2-chloroethyl)ether	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Bis(2-ethylhexyl)phthalate	0.0639	mg/kg	J
21-01939	MD21-03-50538	6–7	Soil	Bromobenzene	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Bromochloromethane	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Bromoform	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Bromomethane	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Bromophenyl-phenylether[4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Butanone[2-]	0.0060	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Butylbenzylphthalate	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Cadmium	0.1460	mg/kg	J
21-01939	MD21-03-50538	6–7	Soil	Calcium	462.0000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Carbon Disulfide	0.0060	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chloro-3-methylphenol[4-]	0.3440	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01939	MD21-03-50538	6–7	Soil	Chloroaniline[4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chlorobenzene	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chloroethane	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chloroform	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chloromethane	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chloronaphthalene[2-]	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chlorophenol[2-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chlorophenyl-phenyl[4-] Ether	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Chromium	171.0000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Chrysene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Cobalt	2.3200	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Copper	4.3200	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Dibenz(a,h)anthracene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dibenzofuran	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dibromomethane	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichlorobenzene[1,2-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichlorobenzene[1,3-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichlorobenzene[1,4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichlorobenzidine[3,3'-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichlorophenol[2,4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Diethylphthalate	0.3440	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01939	MD21-03-50538	6–7	Soil	Dimethyl Phthalate	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dimethylphenol[2,4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Di-n-butylphthalate	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dinitro-2-methylphenol[4,6-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dinitrophenol[2,4-]	0.6890	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dinitrotoluene[2,4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Dinitrotoluene[2,6-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Di-n-octylphthalate	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Ethylbenzene	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Fluoranthene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Fluorene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Hexachlorobenzene	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Hexachlorobutadiene	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Hexachlorocyclopentadiene	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Hexachloroethane	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Hexanone[2-]	0.0060	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Indeno(1,2,3-cd)pyrene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Iodomethane	0.0060	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Iron	5790.0000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Isophorone	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Lead	4.9600	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Magnesium	314.0000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Manganese	236.0000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Mercury	0.0089	mg/kg	J
21-01939	MD21-03-50538	6–7	Soil	Methyl-2-pentanone[4-]	0.0060	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Methylene Chloride	0.0060	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Methylnaphthalene[2-]	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Methylphenol[2-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Methylphenol[4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Naphthalene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Nickel	12.4000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Nitroaniline[2-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Nitroaniline[3-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Nitroaniline[4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Nitrophenol[2-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Nitrophenol[4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Nitrosodimethylamine[N-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Nitroso-di-n-propylamine[N-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Nitrosodiphenylamine[N-]	0.3440	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01939	MD21-03-50538	6–7	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Pentachlorophenol	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Phenanthrene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Phenol	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Plutonium-238	0.0000	pCi/g	U
21-01939	MD21-03-50538	6–7	Soil	Plutonium-239	0.0364	pCi/g	None
21-01939	MD21-03-50538	6–7	Soil	Potassium	283.0000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Pyrene	0.0344	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Pyridine	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Selenium	0.2440	mg/kg	J
21-01939	MD21-03-50538	6–7	Soil	Silver	0.5430	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Sodium	151.0000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Strontium-90	0.0655	pCi/g	U
21-01939	MD21-03-50538	6–7	Soil	Styrene	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Thallium	0.0819	mg/kg	J
21-01939	MD21-03-50538	6–7	Soil	Thorium-228	1.0800	pCi/g	None
21-01939	MD21-03-50538	6–7	Soil	Thorium-230	1.0900	pCi/g	None
21-01939	MD21-03-50538	6–7	Soil	Thorium-232	1.0800	pCi/g	None
21-01939	MD21-03-50538	6–7	Soil	Toluene	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0060	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trichlorobenzene[1,2,4-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trichloroethene	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trichlorophenol[2,4,5-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trichlorophenol[2,4,6-]	0.3440	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Tritium	0.0472	pCi/g	None
21-01939	MD21-03-50538	6–7	Soil	Uranium-234	0.6990	pCi/g	None
21-01939	MD21-03-50538	6–7	Soil	Uranium-235	0.0563	pCi/g	None
21-01939	MD21-03-50538	6–7	Soil	Uranium-238	0.6380	pCi/g	None
21-01939	MD21-03-50538	6–7	Soil	Vanadium	4.1000	mg/kg	None
21-01939	MD21-03-50538	6–7	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Xylene[1,2-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01939	MD21-03-50538	6–7	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-01939	MD21-03-50538	6–7	Soil	Zinc	33.0000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Acenaphthene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Acenaphthylene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Acetone	0.0078	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Aluminum	12860.0000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Americium-241	0.2150	pCi/g	None
21-01940	MD21-03-50484	0–0.5	Soil	Aniline	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Anthracene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Arsenic	3.2300	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Azobenzene	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Barium	105.0000	mg/kg	J-
21-01940	MD21-03-50484	0–0.5	Soil	Benzene	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Benzo(a)anthracene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Benzo(a)pyrene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Benzo(b)fluoranthene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Benzo(g,h,i)perylene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Benzo(k)fluoranthene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Benzoic Acid	0.8360	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Benzyl Alcohol	0.4180	mg/kg	Uj
21-01940	MD21-03-50484	0–0.5	Soil	Beryllium	0.7320	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0489	mg/kg	J
21-01940	MD21-03-50484	0–0.5	Soil	Bromobenzene	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Bromochloromethane	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Bromoform	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Bromomethane	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Butanone[2-]	0.0059	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Butylbenzylphthalate	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Cadmium	0.5930	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Calcium	2900.0000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Carbon Disulfide	0.0059	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chloroaniline[4-]	0.4180	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01940	MD21-03-50484	0–0.5	Soil	Chlorobenzene	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chloroethane	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chloroform	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chloromethane	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chloronaphthalene[2-]	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chlorophenol[2-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Chromium	8.6600	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Chrysene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Cobalt	3.9900	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Copper	6.7500	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Dibenz(a,h)anthracene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dibenzofuran	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dibromomethane	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichlorophenol[2,4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Diethylphthalate	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dimethyl Phthalate	0.4180	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01940	MD21-03-50484	0–0.5	Soil	Dimethylphenol[2,4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Di-n-butylphthalate	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dinitrophenol[2,4-]	0.8360	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Di-n-octylphthalate	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Ethylbenzene	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Fluoranthene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Fluorene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Hexachlorobenzene	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Hexachlorobutadiene	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Hexachlorocyclopentadiene	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Hexachloroethane	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Hexanone[2-]	0.0059	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Iodomethane	0.0059	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Iron	11720.0000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Isophorone	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Lead	20.3000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Magnesium	2040.0000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Manganese	235.0000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Mercury	0.1510	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0059	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Methylene Chloride	0.0059	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Methylnaphthalene[2-]	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Methylphenol[2-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Methylphenol[4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Naphthalene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Nickel	6.7000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Nitroaniline[2-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Nitroaniline[3-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Nitroaniline[4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Nitrophenol[2-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Nitrophenol[4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4180	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01940	MD21-03-50484	0–0.5	Soil	Pentachlorophenol	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Phenanthrene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Phenol	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Plutonium-238	0.0324	pCi/g	U
21-01940	MD21-03-50484	0–0.5	Soil	Plutonium-239	4.4000	pCi/g	None
21-01940	MD21-03-50484	0–0.5	Soil	Potassium	1470.0000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Pyrene	0.0418	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Pyridine	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Selenium	0.3950	mg/kg	J
21-01940	MD21-03-50484	0–0.5	Soil	Silver	0.0760	mg/kg	J
21-01940	MD21-03-50484	0–0.5	Soil	Sodium	81.2000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Strontium-90	0.0955	pCi/g	U
21-01940	MD21-03-50484	0–0.5	Soil	Styrene	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Thallium	0.2010	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Thorium-228	1.1200	pCi/g	None
21-01940	MD21-03-50484	0–0.5	Soil	Thorium-230	1.0500	pCi/g	None
21-01940	MD21-03-50484	0–0.5	Soil	Thorium-232	1.2700	pCi/g	None
21-01940	MD21-03-50484	0–0.5	Soil	Toluene	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trichloroethene	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4180	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Tritium	0.4593	pCi/g	None
21-01940	MD21-03-50484	0–0.5	Soil	Uranium-234	1.4000	pCi/g	None
21-01940	MD21-03-50484	0–0.5	Soil	Uranium-235	0.0811	pCi/g	None
21-01940	MD21-03-50484	0–0.5	Soil	Uranium-238	1.6100	pCi/g	None
21-01940	MD21-03-50484	0–0.5	Soil	Vanadium	17.4000	mg/kg	None
21-01940	MD21-03-50484	0–0.5	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50484	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01940	MD21-03-50484	0–0.5	Soil	Zinc	41.8000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Acenaphthene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Acenaphthylene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Acetone	0.0140	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Aluminum	2000.0000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Americium-241	0.0018	pCi/g	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Aniline	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Anthracene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Arsenic	2.2900	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Azobenzene	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Barium	21.0000	mg/kg	J-
21-01940	MD21-03-50485	3.5–4.5	Soil	Benzene	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Benzo(a)anthracene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Benzo(a)pyrene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Benzoic Acid	0.6760	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Benzyl Alcohol	0.3380	mg/kg	Uj
21-01940	MD21-03-50485	3.5–4.5	Soil	Beryllium	0.3840	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.0635	mg/kg	J
21-01940	MD21-03-50485	3.5–4.5	Soil	Bromobenzene	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Bromochloromethane	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Bromoform	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Bromomethane	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Butanone[2-]	0.0059	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Butylbenzylphthalate	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Cadmium	0.4950	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Calcium	674.0000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Carbon Disulfide	0.0059	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chloroaniline[4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chlorobenzene	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01940	MD21-03-50485	3.5–4.5	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chloroethane	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chloroform	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chloromethane	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chlorophenol[2-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Chromium	460.0000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Chrysene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Cobalt	4.1500	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Copper	8.2000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dibenzofuran	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dibromomethane	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Diethylphthalate	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dimethyl Phthalate	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3380	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01940	MD21-03-50485	3.5–4.5	Soil	Di-n-butylphthalate	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.6760	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Di-n-octylphthalate	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Ethylbenzene	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Fluoranthene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Fluorene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Hexachlorobenzene	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Hexachlorobutadiene	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Hexachloroethane	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Hexanone[2-]	0.0059	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Iodomethane	0.0059	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Iron	8400.0000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Isophorone	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Lead	5.4100	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Magnesium	414.0000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Manganese	266.0000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Mercury	0.0069	mg/kg	J
21-01940	MD21-03-50485	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0059	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Methylene Chloride	0.0059	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Methylphenol[2-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Methylphenol[4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Naphthalene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Nickel	28.0000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Nitroaniline[2-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Nitroaniline[3-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Nitroaniline[4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Nitrophenol[2-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Nitrophenol[4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Pentachlorophenol	0.3380	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01940	MD21-03-50485	3.5–4.5	Soil	Phenanthrene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Phenol	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Plutonium-238	0.0000	pCi/g	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Plutonium-239	0.0215	pCi/g	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Potassium	365.0000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Pyrene	0.0338	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Pyridine	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Selenium	0.2690	mg/kg	J
21-01940	MD21-03-50485	3.5–4.5	Soil	Silver	0.0372	mg/kg	J
21-01940	MD21-03-50485	3.5–4.5	Soil	Sodium	225.0000	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Strontium-90	-0.1180	pCi/g	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Styrene	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Thallium	0.0696	mg/kg	J
21-01940	MD21-03-50485	3.5–4.5	Soil	Thorium-228	1.4900	pCi/g	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Thorium-230	1.0100	pCi/g	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Thorium-232	1.3800	pCi/g	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Toluene	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trichloroethene	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3380	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Tritium	0.0225	pCi/g	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Uranium-234	0.6650	pCi/g	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Uranium-235	0.0861	pCi/g	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Uranium-238	0.6810	pCi/g	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Vanadium	5.6800	mg/kg	None
21-01940	MD21-03-50485	3.5–4.5	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-01940	MD21-03-50485	3.5–4.5	Soil	Zinc	37.7000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01941	MD21-03-50486	0–0.5	Soil	Acenaphthene	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Acenaphthylene	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Acetone	0.0977	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Aluminum	7620.0000	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Americium-241	0.0967	pCi/g	None
21-01941	MD21-03-50486	0–0.5	Soil	Aniline	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Anthracene	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Arsenic	3.0300	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Azobenzene	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Barium	70.7000	mg/kg	J-
21-01941	MD21-03-50486	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Benzo(a)anthracene	0.0511	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Benzo(a)pyrene	0.0803	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Benzo(b)fluoranthene	0.0969	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Benzo(g,h,i)perylene	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Benzo(k)fluoranthene	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Benzoic Acid	0.8090	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Benzyl Alcohol	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Beryllium	0.4810	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0798	mg/kg	J
21-01941	MD21-03-50486	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Butanone[2-]	0.0056	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Butylbenzylphthalate	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Cadmium	0.5800	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Calcium	1540.0000	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Carbon Disulfide	0.0056	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chloroaniline[4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01941	MD21-03-50486	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chloronaphthalene[2-]	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chlorophenol[2-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Chromium	5.6800	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Chrysene	0.0596	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Cobalt	2.8200	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Copper	6.4400	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Dibenz(a,h)anthracene	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dibenzofuran	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichlorophenol[2,4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Diethylphthalate	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dimethyl Phthalate	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dimethylphenol[2,4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Di-n-butylphthalate	0.4040	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01941	MD21-03-50486	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dinitrophenol[2,4-]	0.8090	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Di-n-octylphthalate	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Fluoranthene	0.0621	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Fluorene	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Hexachlorobenzene	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Hexachlorobutadiene	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Hexachlorocyclopentadiene	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Hexachloroethane	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Hexanone[2-]	0.0056	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0497	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Iodomethane	0.0056	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Iron	9200.0000	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Isophorone	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Lead	18.1000	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Magnesium	1260.0000	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Manganese	253.0000	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Mercury	0.0226	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0056	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Methylene Chloride	0.0056	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Methylnaphthalene[2-]	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Methylphenol[2-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Methylphenol[4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Naphthalene	0.0404	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Nickel	4.9300	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Nitroaniline[2-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Nitroaniline[3-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Nitroaniline[4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Nitrophenol[2-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Nitrophenol[4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Pentachlorophenol	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Phenanthrene	0.0277	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01941	MD21-03-50486	0–0.5	Soil	Phenol	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Plutonium-238	0.0067	pCi/g	U
21-01941	MD21-03-50486	0–0.5	Soil	Plutonium-239	2.1900	pCi/g	None
21-01941	MD21-03-50486	0–0.5	Soil	Potassium	1170.0000	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Pyrene	0.0588	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Pyridine	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Selenium	0.3370	mg/kg	J
21-01941	MD21-03-50486	0–0.5	Soil	Silver	0.0724	mg/kg	J
21-01941	MD21-03-50486	0–0.5	Soil	Sodium	75.8000	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Strontium-90	0.1750	pCi/g	U
21-01941	MD21-03-50486	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Thallium	0.1140	mg/kg	J
21-01941	MD21-03-50486	0–0.5	Soil	Thorium-228	1.5200	pCi/g	None
21-01941	MD21-03-50486	0–0.5	Soil	Thorium-230	1.2300	pCi/g	None
21-01941	MD21-03-50486	0–0.5	Soil	Thorium-232	1.2100	pCi/g	None
21-01941	MD21-03-50486	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0056	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4040	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Tritium	0.4761	pCi/g	None
21-01941	MD21-03-50486	0–0.5	Soil	Uranium-234	1.8300	pCi/g	None
21-01941	MD21-03-50486	0–0.5	Soil	Uranium-235	0.0702	pCi/g	None
21-01941	MD21-03-50486	0–0.5	Soil	Uranium-238	1.8300	pCi/g	None
21-01941	MD21-03-50486	0–0.5	Soil	Vanadium	12.6000	mg/kg	None
21-01941	MD21-03-50486	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-01941	MD21-03-50486	0–0.5	Soil	Zinc	35.0000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Acenaphthene	0.0370	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01941	MD21-03-50487	3.5–4.5	Soil	Acenaphthylene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Acetone	0.1530	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Aluminum	4950.0000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Americium-241	0.0247	pCi/g	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Aniline	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Anthracene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Arsenic	2.7200	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Azobenzene	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Barium	36.5000	mg/kg	J-
21-01941	MD21-03-50487	3.5–4.5	Soil	Benzene	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Benzo(a)anthracene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Benzo(a)pyrene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Benzoic Acid	0.7390	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Benzyl Alcohol	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Beryllium	0.5050	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.1050	mg/kg	J
21-01941	MD21-03-50487	3.5–4.5	Soil	Bromobenzene	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Bromochloromethane	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Bromodichloromethane	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Bromoform	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Bromomethane	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Butanone[2-]	0.0062	mg/kg	J
21-01941	MD21-03-50487	3.5–4.5	Soil	Butylbenzene[n-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Butylbenzene[sec-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Butylbenzene[tert-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Butylbenzylphthalate	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Cadmium	0.4990	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Calcium	2840.0000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Carbon Disulfide	0.0071	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Carbon Tetrachloride	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chloroaniline[4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chlorobenzene	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chlorodibromomethane	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chloroethane	0.0014	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01941	MD21-03-50487	3.5–4.5	Soil	Chloroform	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chloromethane	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chlorophenol[2-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chlorotoluene[2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chlorotoluene[4-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Chromium	286.0000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Chrysene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Cobalt	3.0500	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Copper	7.5600	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dibenzofuran	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dibromomethane	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichlorodifluoromethane	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Diethylphthalate	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dimethyl Phthalate	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Di-n-butylphthalate	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3700	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01941	MD21-03-50487	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.7390	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Di-n-octylphthalate	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Ethylbenzene	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Fluoranthene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Fluorene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Hexachlorobenzene	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Hexachlorobutadiene	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Hexachloroethane	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Hexanone[2-]	0.0071	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Iodomethane	0.0071	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Iron	7670.0000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Isophorone	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Isopropylbenzene	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0007	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Lead	5.2600	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Magnesium	1120.0000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Manganese	201.0000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Mercury	0.0199	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0106	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Methylene Chloride	0.0071	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Methylphenol[2-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Methylphenol[4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Naphthalene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Nickel	19.7000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Nitroaniline[2-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Nitroaniline[3-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Nitroaniline[4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Nitrophenol[2-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Nitrophenol[4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Pentachlorophenol	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Phenanthrene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Phenol	0.3700	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-01941	MD21-03-50487	3.5–4.5	Soil	Plutonium-238	0.0039	pCi/g	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Plutonium-239	0.2470	pCi/g	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Potassium	597.0000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Propylbenzene[1-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Pyrene	0.0370	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Pyridine	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Selenium	0.3000	mg/kg	J
21-01941	MD21-03-50487	3.5–4.5	Soil	Silver	0.0468	mg/kg	J
21-01941	MD21-03-50487	3.5–4.5	Soil	Sodium	231.0000	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Strontium-90	0.0628	pCi/g	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Styrene	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Tetrachloroethene	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Thallium	0.1120	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Thorium-228	1.2100	pCi/g	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Thorium-230	1.0900	pCi/g	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Thorium-232	0.9690	pCi/g	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Toluene	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0071	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trichloroethene	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trichlorofluoromethane	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3700	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Tritium	0.0357	pCi/g	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Uranium-234	0.7120	pCi/g	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Uranium-235	0.0208	pCi/g	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Uranium-238	0.8100	pCi/g	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Vanadium	9.2900	mg/kg	None
21-01941	MD21-03-50487	3.5–4.5	Soil	Vinyl Chloride	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Xylene[1,2-]	0.0014	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0028	mg/kg	U
21-01941	MD21-03-50487	3.5–4.5	Soil	Zinc	28.9000	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Acenaphthene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Acenaphthylene	0.0365	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21715	MD21-03-50514	0–0.5	Soil	Acetone	0.1120	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Aluminum	9050.0000	mg/kg	J+
21-03-21715	MD21-03-50514	0–0.5	Soil	Americium-241	0.1690	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Aniline	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Anthracene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Antimony	0.0591	mg/kg	J-
21-03-21715	MD21-03-50514	0–0.5	Soil	Arsenic	3.1500	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Azobenzene	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Barium	109.0000	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Benzo(a)anthracene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Benzo(a)pyrene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Benzo(b)fluoranthene	0.0360	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Benzo(g,h,i)perylene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Benzo(k)fluoranthene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Benzoic Acid	0.7300	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Benzyl Alcohol	0.3650	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Beryllium	0.6410	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0569	mg/kg	J
21-03-21715	MD21-03-50514	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Butanone[2-]	0.0056	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Butylbenzylphthalate	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Cadmium	0.0544	mg/kg	J
21-03-21715	MD21-03-50514	0–0.5	Soil	Calcium	2440.0000	mg/kg	J+
21-03-21715	MD21-03-50514	0–0.5	Soil	Carbon Disulfide	0.0056	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chloroaniline[4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21715	MD21-03-50514	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chloronaphthalene[2-]	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chlorophenol[2-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Chromium	7.0900	mg/kg	J
21-03-21715	MD21-03-50514	0–0.5	Soil	Chrysene	0.0282	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Cobalt	4.1200	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Copper	7.5200	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Dibenz(a,h)anthracene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dibenzofuran	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichlorophenol[2,4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Diethylphthalate	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dimethyl Phthalate	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dimethylphenol[2,4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Di-n-butylphthalate	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3650	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21715	MD21-03-50514	0–0.5	Soil	Dinitrophenol[2,4-]	0.7300	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Di-n-octylphthalate	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Fluoranthene	0.0380	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Fluorene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Hexachlorobenzene	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Hexachlorobutadiene	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Hexachlorocyclopentadiene	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Hexachloroethane	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Hexanone[2-]	0.0056	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Iodomethane	0.0056	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Iron	9930.0000	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Isophorone	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Lead	30.4000	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Magnesium	1670.0000	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Manganese	327.0000	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Mercury	0.0363	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0056	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Methylene Chloride	0.0056	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Methylnaphthalene[2-]	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Methylphenol[2-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Methylphenol[4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Naphthalene	0.0365	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Nickel	6.6600	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Nitroaniline[2-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Nitroaniline[3-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Nitroaniline[4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Nitrophenol[2-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Nitrophenol[4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Pentachlorophenol	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Phenanthrene	0.0226	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Phenol	0.3650	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21715	MD21-03-50514	0–0.5	Soil	Plutonium-238	0.0187	pCi/g	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Plutonium-239	2.7500	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Potassium	1570.0000	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Pyrene	0.0333	mg/kg	J
21-03-21715	MD21-03-50514	0–0.5	Soil	Pyridine	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Selenium	0.8610	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Silver	0.0890	mg/kg	J
21-03-21715	MD21-03-50514	0–0.5	Soil	Sodium	76.4000	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Strontium-90	0.2090	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Thallium	0.1740	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Thorium-228	1.2500	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Thorium-230	1.2300	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Thorium-232	1.3700	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0056	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3650	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	Uj
21-03-21715	MD21-03-50514	0–0.5	Soil	Tritium	0.2193	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Uranium-234	1.2600	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Uranium-235	0.1270	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Uranium-238	1.3400	pCi/g	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Vanadium	15.7000	mg/kg	None
21-03-21715	MD21-03-50514	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-03-21715	MD21-03-50514	0–0.5	Soil	Zinc	31.8000	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Acenaphthene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Acenaphthylene	0.0341	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21715	MD21-03-50515	2–3	Soil	Acetone	0.0573	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Aluminum	5150.0000	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Americium-241	0.0071	pCi/g	U
21-03-21715	MD21-03-50515	2–3	Soil	Aniline	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Anthracene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Antimony	0.4100	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Arsenic	2.1800	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Azobenzene	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Barium	27.9000	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Benzene	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Benzo(a)anthracene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Benzo(a)pyrene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Benzo(b)fluoranthene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Benzo(g,h,i)perylene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Benzo(k)fluoranthene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Benzoic Acid	0.6820	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Benzyl Alcohol	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Beryllium	0.5150	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Bis(2-chloroethoxy)methane	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Bis(2-chloroethyl)ether	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.1560	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Bromobenzene	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Bromochloromethane	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Bromodichloromethane	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Bromoform	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Bromomethane	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Bromophenyl-phenylether[4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Butanone[2-]	0.0073	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Butylbenzene[n-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Butylbenzene[sec-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Butylbenzene[tert-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Butylbenzylphthalate	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Cadmium	0.4630	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Calcium	809.0000	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Carbon Disulfide	0.0073	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Carbon Tetrachloride	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Chloro-3-methylphenol[4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Chloroaniline[4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Chlorobenzene	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Chlorodibromomethane	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Chloroethane	0.0015	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21715	MD21-03-50515	2–3	Soil	Chloroform	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Chloromethane	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Chloronaphthalene[2-]	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Chlorophenol[2-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Chlorotoluene[2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Chlorotoluene[4-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Chromium	24.2000	mg/kg	J+
21-03-21715	MD21-03-50515	2–3	Soil	Chrysene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Cobalt	0.8670	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Copper	2.8000	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Dibenz(a,h)anthracene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dibenzofuran	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dibromoethane[1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dibromomethane	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichlorobenzene[1,2-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dichlorobenzene[1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichlorobenzene[1,3-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dichlorobenzene[1,3-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichlorobenzene[1,4-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichlorobenzene[1,4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dichlorodifluoromethane	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloroethane[1,1-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloroethane[1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloroethene[1,1-]	0.0024	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloroethene[cis-1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloroethene[trans-1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichlorophenol[2,4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dichloropropane[1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloropropane[1,3-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloropropane[2,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloropropene[1,1-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloropropene[cis-1,3-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Dichloropropene[trans-1,3-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Diethylphthalate	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dimethyl Phthalate	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dimethylphenol[2,4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Di-n-butylphthalate	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3410	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21715	MD21-03-50515	2–3	Soil	Dinitrophenol[2,4-]	0.6820	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dinitrotoluene[2,4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Dinitrotoluene[2,6-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Di-n-octylphthalate	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Ethylbenzene	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Fluoranthene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Fluorene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Hexachlorobenzene	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Hexachlorobutadiene	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Hexachlorocyclopentadiene	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Hexachloroethane	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Hexanone[2-]	0.0073	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Iodomethane	0.0073	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Iron	6190.0000	mg/kg	J
21-03-21715	MD21-03-50515	2–3	Soil	Isophorone	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Isopropylbenzene	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Isopropyltoluene[4-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Lead	2.9400	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Magnesium	917.0000	mg/kg	J+
21-03-21715	MD21-03-50515	2–3	Soil	Manganese	175.0000	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Mercury	0.0106	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Methyl-2-pentanone[4-]	0.0073	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Methylene Chloride	0.0073	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Methylnaphthalene[2-]	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Methylphenol[2-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Methylphenol[4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Naphthalene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Nickel	4.8800	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Nitroaniline[2-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Nitroaniline[3-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Nitroaniline[4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Nitrophenol[2-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Nitrophenol[4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Nitrosodimethylamine[N-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Nitrosodiphenylamine[N-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Pentachlorophenol	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Phenanthrene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Phenol	0.3410	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21715	MD21-03-50515	2–3	Soil	Plutonium-238	0.0170	pCi/g	U
21-03-21715	MD21-03-50515	2–3	Soil	Plutonium-239	0.0382	pCi/g	U
21-03-21715	MD21-03-50515	2–3	Soil	Potassium	513.0000	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Propylbenzene[1-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Pyrene	0.0341	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Pyridine	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Selenium	0.4630	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Silver	0.0437	mg/kg	J
21-03-21715	MD21-03-50515	2–3	Soil	Sodium	79.7000	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Strontium-90	-0.0048	pCi/g	U
21-03-21715	MD21-03-50515	2–3	Soil	Styrene	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Tetrachloroethene	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Thallium	0.0693	mg/kg	J
21-03-21715	MD21-03-50515	2–3	Soil	Thorium-228	1.3900	pCi/g	None
21-03-21715	MD21-03-50515	2–3	Soil	Thorium-230	1.1200	pCi/g	None
21-03-21715	MD21-03-50515	2–3	Soil	Thorium-232	1.3800	pCi/g	None
21-03-21715	MD21-03-50515	2–3	Soil	Toluene	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0073	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Trichloroethane[1,1,1-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Trichloroethane[1,1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Trichloroethene	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Trichlorofluoromethane	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Trichlorophenol[2,4,5-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Trichlorophenol[2,4,6-]	0.3410	mg/kg	Uj
21-03-21715	MD21-03-50515	2–3	Soil	Trichloropropane[1,2,3-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Tritium	0.0074	pCi/g	None
21-03-21715	MD21-03-50515	2–3	Soil	Uranium-234	0.6350	pCi/g	None
21-03-21715	MD21-03-50515	2–3	Soil	Uranium-235	0.0750	pCi/g	None
21-03-21715	MD21-03-50515	2–3	Soil	Uranium-238	0.5460	pCi/g	None
21-03-21715	MD21-03-50515	2–3	Soil	Vanadium	6.6200	mg/kg	None
21-03-21715	MD21-03-50515	2–3	Soil	Vinyl Chloride	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Xylene[1,2-]	0.0015	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0029	mg/kg	U
21-03-21715	MD21-03-50515	2–3	Soil	Zinc	26.1000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Acenaphthene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Acenaphthylene	0.0384	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21716	MD21-03-50512	0–0.5	Soil	Acetone	0.0446	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Aluminum	15510.0000	mg/kg	J+
21-03-21716	MD21-03-50512	0–0.5	Soil	Americium-241	0.0738	pCi/g	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Aniline	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Anthracene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Antimony	0.4550	mg/kg	Uj
21-03-21716	MD21-03-50512	0–0.5	Soil	Arsenic	3.5800	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Azobenzene	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Barium	96.4000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Benzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Benzo(a)anthracene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Benzo(a)pyrene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Benzo(b)fluoranthene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Benzo(g,h,i)perylene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Benzo(k)fluoranthene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Benzoic Acid	0.7690	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Benzyl Alcohol	0.3840	mg/kg	Uj
21-03-21716	MD21-03-50512	0–0.5	Soil	Beryllium	0.7700	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Bromobenzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Bromochloromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Bromoform	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Bromomethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Butanone[2-]	0.0058	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Butylbenzylphthalate	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Cadmium	0.5560	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Calcium	2080.0000	mg/kg	J+
21-03-21716	MD21-03-50512	0–0.5	Soil	Carbon Disulfide	0.0058	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chloroaniline[4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chlorobenzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chloroethane	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21716	MD21-03-50512	0–0.5	Soil	Chloroform	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chloromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chloronaphthalene[2-]	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chlorophenol[2-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Chromium	10.6000	mg/kg	J
21-03-21716	MD21-03-50512	0–0.5	Soil	Chrysene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Cobalt	4.0700	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Copper	6.3100	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Dibenz(a,h)anthracene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dibenzofuran	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dibromomethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloroethene[1,1-]	0.0006	mg/kg	J
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichlorophenol[2,4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Diethylphthalate	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dimethyl Phthalate	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dimethylphenol[2,4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Di-n-butylphthalate	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3840	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21716	MD21-03-50512	0–0.5	Soil	Dinitrophenol[2,4-]	0.7690	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Di-n-octylphthalate	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Ethylbenzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Fluoranthene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Fluorene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Hexachlorobenzene	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Hexachlorobutadiene	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Hexachlorocyclopentadiene	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Hexachloroethane	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Hexanone[2-]	0.0058	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Iodomethane	0.0058	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Iron	13540.0000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Isophorone	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Lead	23.5000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Magnesium	2450.0000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Manganese	265.0000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Mercury	0.0407	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0058	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Methylene Chloride	0.0058	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Methylnaphthalene[2-]	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Methylphenol[2-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Methylphenol[4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Naphthalene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Nickel	7.1000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Nitroaniline[2-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Nitroaniline[3-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Nitroaniline[4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Nitrophenol[2-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Nitrophenol[4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Pentachlorophenol	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Phenanthrene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Phenol	0.3840	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21716	MD21-03-50512	0–0.5	Soil	Plutonium-238	0.0030	pCi/g	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Plutonium-239	0.0413	pCi/g	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Potassium	1510.0000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Pyrene	0.0384	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Pyridine	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Selenium	0.7140	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Silver	0.0907	mg/kg	J
21-03-21716	MD21-03-50512	0–0.5	Soil	Sodium	139.0000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Strontium-90	0.1360	pCi/g	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Styrene	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Thallium	0.2600	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Thorium-228	1.4800	pCi/g	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Thorium-230	1.2800	pCi/g	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Thorium-232	1.2300	pCi/g	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Toluene	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0058	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trichloroethene	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3840	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Tritium	0.2041	pCi/g	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Uranium-234	0.6750	pCi/g	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Uranium-235	0.0353	pCi/g	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Uranium-238	0.7510	pCi/g	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Vanadium	18.9000	mg/kg	None
21-03-21716	MD21-03-50512	0–0.5	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-03-21716	MD21-03-50512	0–0.5	Soil	Zinc	35.0000	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Acenaphthene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Acenaphthylene	0.0343	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21716	MD21-03-50513	2–3	Soil	Acetone	0.0702	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Aluminum	6440.0000	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Americium-241	0.0135	pCi/g	U
21-03-21716	MD21-03-50513	2–3	Soil	Aniline	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Anthracene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Antimony	0.4060	mg/kg	Uj
21-03-21716	MD21-03-50513	2–3	Soil	Arsenic	2.6400	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Azobenzene	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Barium	46.4000	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Benzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Benzo(a)anthracene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Benzo(a)pyrene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Benzo(b)fluoranthene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Benzo(g,h,i)perylene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Benzo(k)fluoranthene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Benzoic Acid	0.6860	mg/kg	Uj
21-03-21716	MD21-03-50513	2–3	Soil	Benzyl Alcohol	0.3430	mg/kg	Uj
21-03-21716	MD21-03-50513	2–3	Soil	Beryllium	0.4700	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Bis(2-chloroethoxy)methane	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Bis(2-chloroethyl)ether	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.3430	mg/kg	Uj
21-03-21716	MD21-03-50513	2–3	Soil	Bromobenzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Bromochloromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Bromoform	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Bromomethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Bromophenyl-phenylether[4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Butanone[2-]	0.0060	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Butylbenzylphthalate	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Cadmium	0.4950	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Calcium	1540.0000	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Carbon Disulfide	0.0060	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chloro-3-methylphenol[4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chloroaniline[4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chlorobenzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chloroethane	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21716	MD21-03-50513	2–3	Soil	Chloroform	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chloromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chloronaphthalene[2-]	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chlorophenol[2-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Chromium	12.5000	mg/kg	J+
21-03-21716	MD21-03-50513	2–3	Soil	Chrysene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Cobalt	0.8910	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Copper	2.3200	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Dibenz(a,h)anthracene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dibenzofuran	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dibromomethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichlorobenzene[1,2-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichlorobenzene[1,3-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichlorobenzene[1,4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloroethene[1,1-]	0.0014	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichlorophenol[2,4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	Uj
21-03-21716	MD21-03-50513	2–3	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Diethylphthalate	0.3430	mg/kg	Uj
21-03-21716	MD21-03-50513	2–3	Soil	Dimethyl Phthalate	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dimethylphenol[2,4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Di-n-butylphthalate	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3430	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21716	MD21-03-50513	2–3	Soil	Dinitrophenol[2,4-]	0.6860	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dinitrotoluene[2,4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Dinitrotoluene[2,6-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Di-n-octylphthalate	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Ethylbenzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Fluoranthene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Fluorene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Hexachlorobenzene	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Hexachlorobutadiene	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Hexachlorocyclopentadiene	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Hexachloroethane	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Hexanone[2-]	0.0060	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Iodomethane	0.0060	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Iron	6340.0000	mg/kg	J
21-03-21716	MD21-03-50513	2–3	Soil	Isophorone	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Isopropyltoluene[4-]	0.0038	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Lead	6.7100	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Magnesium	1110.0000	mg/kg	J+
21-03-21716	MD21-03-50513	2–3	Soil	Manganese	192.0000	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Mercury	0.0088	mg/kg	J
21-03-21716	MD21-03-50513	2–3	Soil	Methyl-2-pentanone[4-]	0.0060	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Methylene Chloride	0.0060	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Methylnaphthalene[2-]	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Methylphenol[2-]	0.3430	mg/kg	Uj
21-03-21716	MD21-03-50513	2–3	Soil	Methylphenol[4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Naphthalene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Nickel	3.8000	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Nitroaniline[2-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Nitroaniline[3-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Nitroaniline[4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Nitrophenol[2-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Nitrophenol[4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Nitrosodimethylamine[N-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Nitrosodiphenylamine[N-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Pentachlorophenol	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Phenanthrene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Phenol	0.3430	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21716	MD21-03-50513	2–3	Soil	Plutonium-238	-0.0045	pCi/g	U
21-03-21716	MD21-03-50513	2–3	Soil	Plutonium-239	0.0045	pCi/g	U
21-03-21716	MD21-03-50513	2–3	Soil	Potassium	563.0000	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Pyrene	0.0343	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Pyridine	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Selenium	0.4950	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Silver	0.0453	mg/kg	J
21-03-21716	MD21-03-50513	2–3	Soil	Sodium	271.0000	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Strontium-90	-0.0210	pCi/g	U
21-03-21716	MD21-03-50513	2–3	Soil	Styrene	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Thallium	0.1860	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Thorium-228	1.7300	pCi/g	None
21-03-21716	MD21-03-50513	2–3	Soil	Thorium-230	1.3600	pCi/g	None
21-03-21716	MD21-03-50513	2–3	Soil	Thorium-232	1.3000	pCi/g	None
21-03-21716	MD21-03-50513	2–3	Soil	Toluene	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0060	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trichloroethene	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trichlorophenol[2,4,5-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trichlorophenol[2,4,6-]	0.3430	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Tritium	0.0150	pCi/g	None
21-03-21716	MD21-03-50513	2–3	Soil	Uranium-234	0.7810	pCi/g	None
21-03-21716	MD21-03-50513	2–3	Soil	Uranium-235	0.0505	pCi/g	None
21-03-21716	MD21-03-50513	2–3	Soil	Uranium-238	0.6820	pCi/g	None
21-03-21716	MD21-03-50513	2–3	Soil	Vanadium	7.1500	mg/kg	None
21-03-21716	MD21-03-50513	2–3	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-03-21716	MD21-03-50513	2–3	Soil	Zinc	26.8000	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Acenaphthene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Acenaphthylene	0.0403	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21717	MD21-03-50510	0–0.5	Soil	Acetone	0.0077	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Aluminum	2760.0000	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Americium-241	0.0730	pCi/g	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Aniline	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Anthracene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Arsenic	1.9500	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Azobenzene	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Barium	45.1000	mg/kg	J+
21-03-21717	MD21-03-50510	0–0.5	Soil	Benzene	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Benzo(a)anthracene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Benzo(a)pyrene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Benzo(b)fluoranthene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Benzo(g,h,i)perylene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Benzo(k)fluoranthene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Benzoic Acid	0.8060	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Benzyl Alcohol	0.4030	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Beryllium	0.2740	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0426	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Bromobenzene	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Bromochloromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Bromoform	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Bromomethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Butanone[2-]	0.0067	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Butylbenzylphthalate	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Cadmium	0.0614	mg/kg	J
21-03-21717	MD21-03-50510	0–0.5	Soil	Calcium	755.0000	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Carbon Disulfide	0.0067	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chloroaniline[4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chloroethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chloroform	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21717	MD21-03-50510	0–0.5	Soil	Chloromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chloronaphthalene[2-]	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chlorophenol[2-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Chromium	5.1800	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Chrysene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Cobalt	1.3900	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Copper	1.9000	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Dibenz(a,h)anthracene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dibenzofuran	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dibromomethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichlorophenol[2,4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Diethylphthalate	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dimethyl Phthalate	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dimethylphenol[2,4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Di-n-butylphthalate	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dinitrophenol[2,4-]	0.8060	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21717	MD21-03-50510	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Di-n-octylphthalate	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Fluoranthene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Fluorene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Hexachlorobenzene	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Hexachlorobutadiene	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Hexachlorocyclopentadiene	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Hexachloroethane	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Hexanone[2-]	0.0067	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Iodomethane	0.0067	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Iron	4790.0000	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Isophorone	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Isopropylbenzene	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Isopropyltoluene[4-]	0.0043	mg/kg	J
21-03-21717	MD21-03-50510	0–0.5	Soil	Lead	11.3000	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Magnesium	437.0000	mg/kg	J+
21-03-21717	MD21-03-50510	0–0.5	Soil	Manganese	209.0000	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Mercury	0.0177	mg/kg	J+
21-03-21717	MD21-03-50510	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0067	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Methylene Chloride	0.0067	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Methylnaphthalene[2-]	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Methylphenol[2-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Methylphenol[4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Naphthalene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Nickel	3.7500	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Nitroaniline[2-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Nitroaniline[3-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Nitroaniline[4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Nitrophenol[2-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Nitrophenol[4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Pentachlorophenol	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Phenanthrene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Phenol	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Plutonium-238	0.0068	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21717	MD21-03-50510	0–0.5	Soil	Plutonium-239	1.1100	pCi/g	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Potassium	461.0000	mg/kg	J+
21-03-21717	MD21-03-50510	0–0.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Pyrene	0.0403	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Pyridine	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Selenium	0.1990	mg/kg	J
21-03-21717	MD21-03-50510	0–0.5	Soil	Silver	0.0478	mg/kg	J
21-03-21717	MD21-03-50510	0–0.5	Soil	Sodium	68.9000	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Strontium-90	0.3260	pCi/g	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Styrene	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Thallium	0.0588	mg/kg	J
21-03-21717	MD21-03-50510	0–0.5	Soil	Thorium-228	1.3400	pCi/g	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Thorium-230	0.9040	pCi/g	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Thorium-232	1.1400	pCi/g	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Toluene	0.0015	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0067	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4030	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50510	0–0.5	Soil	Tritium	0.4724	pCi/g	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Uranium-234	1.6000	pCi/g	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Uranium-235	0.1730	pCi/g	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Uranium-238	1.7700	pCi/g	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Vanadium	3.3300	mg/kg	None
21-03-21717	MD21-03-50510	0–0.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0027	mg/kg	U
21-03-21717	MD21-03-50510	0–0.5	Soil	Zinc	276.0000	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Acenaphthene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Acenaphthylene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Acetone	0.0657	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21717	MD21-03-50511	2–3	Soil	Aluminum	1040.0000	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Americium-241	0.0149	pCi/g	U
21-03-21717	MD21-03-50511	2–3	Soil	Aniline	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Anthracene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Antimony	0.3950	mg/kg	Uj
21-03-21717	MD21-03-50511	2–3	Soil	Arsenic	1.6200	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Azobenzene	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Barium	15.9000	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Benzene	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Benzo(a)anthracene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Benzo(a)pyrene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Benzo(b)fluoranthene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Benzo(g,h,i)perylene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Benzo(k)fluoranthene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Benzoic Acid	0.6770	mg/kg	Uj
21-03-21717	MD21-03-50511	2–3	Soil	Benzyl Alcohol	0.3390	mg/kg	Uj
21-03-21717	MD21-03-50511	2–3	Soil	Beryllium	0.1140	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Bis(2-chloroethoxy)methane	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Bis(2-chloroethyl)ether	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.3390	mg/kg	Uj
21-03-21717	MD21-03-50511	2–3	Soil	Bromobenzene	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Bromochloromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Bromoform	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Bromomethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Bromophenyl-phenylether[4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Butanone[2-]	0.0064	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Butylbenzene[n-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Butylbenzene[sec-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Butylbenzene[tert-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Butylbenzylphthalate	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Cadmium	0.4710	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Calcium	212.0000	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Carbon Disulfide	0.0064	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chloro-3-methylphenol[4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chloroaniline[4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chlorobenzene	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chloroethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chloroform	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21717	MD21-03-50511	2–3	Soil	Chloromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chloronaphthalene[2-]	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chlorophenol[2-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chlorotoluene[2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chlorotoluene[4-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Chromium	16.5000	mg/kg	J+
21-03-21717	MD21-03-50511	2–3	Soil	Chrysene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Cobalt	0.5590	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Copper	1.5100	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Dibenz(a,h)anthracene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dibenzofuran	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dibromomethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichlorobenzene[1,2-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichlorobenzene[1,3-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichlorobenzene[1,4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichlorophenol[2,4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	Uj
21-03-21717	MD21-03-50511	2–3	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Diethylphthalate	0.3390	mg/kg	Uj
21-03-21717	MD21-03-50511	2–3	Soil	Dimethyl Phthalate	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dimethylphenol[2,4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Di-n-butylphthalate	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dinitrophenol[2,4-]	0.6770	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21717	MD21-03-50511	2–3	Soil	Dinitrotoluene[2,4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Dinitrotoluene[2,6-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Di-n-octylphthalate	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Ethylbenzene	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Fluoranthene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Fluorene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Hexachlorobenzene	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Hexachlorobutadiene	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Hexachlorocyclopentadiene	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Hexachloroethane	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Hexanone[2-]	0.0064	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Iodomethane	0.0064	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Iron	3940.0000	mg/kg	J
21-03-21717	MD21-03-50511	2–3	Soil	Isophorone	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Isopropylbenzene	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Isopropyltoluene[4-]	0.0014	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Lead	2.7600	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Magnesium	243.0000	mg/kg	J+
21-03-21717	MD21-03-50511	2–3	Soil	Manganese	204.0000	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Mercury	0.0115	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Methyl-2-pentanone[4-]	0.0064	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Methylene Chloride	0.0064	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Methylnaphthalene[2-]	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Methylphenol[2-]	0.3390	mg/kg	Uj
21-03-21717	MD21-03-50511	2–3	Soil	Methylphenol[4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Naphthalene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Nickel	1.9800	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Nitroaniline[2-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Nitroaniline[3-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Nitroaniline[4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Nitrophenol[2-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Nitrophenol[4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Nitrosodimethylamine[N-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Nitrosodiphenylamine[N-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Pentachlorophenol	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Phenanthrene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Phenol	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Plutonium-238	0.0000	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21717	MD21-03-50511	2–3	Soil	Plutonium-239	0.0041	pCi/g	U
21-03-21717	MD21-03-50511	2–3	Soil	Potassium	184.0000	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Propylbenzene[1-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Pyrene	0.0339	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Pyridine	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Selenium	0.4710	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Silver	0.0202	mg/kg	J
21-03-21717	MD21-03-50511	2–3	Soil	Sodium	91.6000	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Strontium-90	0.0216	pCi/g	U
21-03-21717	MD21-03-50511	2–3	Soil	Styrene	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Thallium	0.0318	mg/kg	J
21-03-21717	MD21-03-50511	2–3	Soil	Thorium-228	1.4700	pCi/g	None
21-03-21717	MD21-03-50511	2–3	Soil	Thorium-230	1.2200	pCi/g	None
21-03-21717	MD21-03-50511	2–3	Soil	Thorium-232	1.1700	pCi/g	None
21-03-21717	MD21-03-50511	2–3	Soil	Toluene	0.0004	mg/kg	J
21-03-21717	MD21-03-50511	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0064	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trichloroethene	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trichlorophenol[2,4,5-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trichlorophenol[2,4,6-]	0.3390	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Tritium	0.0060	pCi/g	None
21-03-21717	MD21-03-50511	2–3	Soil	Uranium-234	0.6380	pCi/g	None
21-03-21717	MD21-03-50511	2–3	Soil	Uranium-235	0.0347	pCi/g	None
21-03-21717	MD21-03-50511	2–3	Soil	Uranium-238	0.6490	pCi/g	None
21-03-21717	MD21-03-50511	2–3	Soil	Vanadium	1.9600	mg/kg	None
21-03-21717	MD21-03-50511	2–3	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0025	mg/kg	U
21-03-21717	MD21-03-50511	2–3	Soil	Zinc	24.7000	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Acenaphthene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Acenaphthylene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Acetone	0.0092	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50508	0–0.5	Soil	Aluminum	13600.0000	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Americium-241	0.1040	pCi/g	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Aniline	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Anthracene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Arsenic	3.4800	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Azobenzene	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Barium	134.0000	mg/kg	J+
21-03-21718	MD21-03-50508	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Benzo(a)anthracene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Benzo(a)pyrene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Benzo(b)fluoranthene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Benzo(g,h,i)perylene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Benzo(k)fluoranthene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Benzoic Acid	0.7630	mg/kg	Uj
21-03-21718	MD21-03-50508	0–0.5	Soil	Benzyl Alcohol	0.3820	mg/kg	Uj
21-03-21718	MD21-03-50508	0–0.5	Soil	Beryllium	0.6980	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0676	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Butanone[2-]	0.0057	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Butylbenzylphthalate	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Cadmium	0.5630	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Calcium	1640.0000	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chloroaniline[4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50508	0–0.5	Soil	Chloronaphthalene[2-]	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chlorophenol[2-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Chromium	13.6000	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Chrysene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Cobalt	6.9800	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Copper	5.5800	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Dibenz(a,h)anthracene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dibenzofuran	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichlorophenol[2,4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Diethylphthalate	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dimethyl Phthalate	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dimethylphenol[2,4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Di-n-butylphthalate	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dinitrophenol[2,4-]	0.7630	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3820	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50508	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Di-n-octylphthalate	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Fluoranthene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Fluorene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Hexachlorobenzene	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Hexachlorobutadiene	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Hexachlorocyclopentadiene	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Hexachloroethane	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Hexanone[2-]	0.0057	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Iodomethane	0.0057	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Iron	13620.0000	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Isophorone	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Isopropyltoluene[4-]	0.0021	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Lead	13.7000	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Magnesium	2160.0000	mg/kg	J+
21-03-21718	MD21-03-50508	0–0.5	Soil	Manganese	405.0000	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Mercury	0.0170	mg/kg	J+
21-03-21718	MD21-03-50508	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0057	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Methylene Chloride	0.0057	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Methylnaphthalene[2-]	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Methylphenol[2-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Methylphenol[4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Naphthalene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Nickel	8.1200	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Nitroaniline[2-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Nitroaniline[3-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Nitroaniline[4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Nitrophenol[2-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Nitrophenol[4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Pentachlorophenol	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Phenanthrene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Phenol	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Plutonium-238	0.0246	pCi/g	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Plutonium-239	2.1800	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50508	0–0.5	Soil	Potassium	1440.0000	mg/kg	J+
21-03-21718	MD21-03-50508	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Pyrene	0.0382	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Pyridine	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Selenium	0.2580	mg/kg	J
21-03-21718	MD21-03-50508	0–0.5	Soil	Silver	0.0624	mg/kg	J
21-03-21718	MD21-03-50508	0–0.5	Soil	Sodium	90.2000	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Strontium-90	0.0795	pCi/g	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Thallium	0.1750	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Thorium-228	1.3900	pCi/g	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Thorium-230	1.4900	pCi/g	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Thorium-232	1.1400	pCi/g	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Toluene	0.0004	mg/kg	J
21-03-21718	MD21-03-50508	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3820	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Tritium	0.2766	pCi/g	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Uranium-234	1.4000	pCi/g	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Uranium-235	0.0894	pCi/g	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Uranium-238	1.4400	pCi/g	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Vanadium	29.2000	mg/kg	None
21-03-21718	MD21-03-50508	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-03-21718	MD21-03-50508	0–0.5	Soil	Zinc	26.5000	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Acenaphthene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Acenaphthylene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Acetone	0.0331	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Aluminum	16260.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50509	2–3	Soil	Americium-241	0.0078	pCi/g	U
21-03-21718	MD21-03-50509	2–3	Soil	Aniline	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Anthracene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Antimony	0.4140	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Arsenic	2.6000	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Azobenzene	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Barium	115.0000	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Benzene	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Benzo(a)anthracene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Benzo(a)pyrene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Benzo(b)fluoranthene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Benzo(g,h,i)perylene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Benzo(k)fluoranthene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Benzoic Acid	0.7050	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Benzyl Alcohol	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Beryllium	0.6570	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Bis(2-chloroethoxy)methane	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Bis(2-chloroethyl)ether	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.1120	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Bromobenzene	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Bromochloromethane	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Bromoform	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Bromomethane	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Bromophenyl-phenylether[4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Butanone[2-]	0.0052	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Butylbenzylphthalate	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Cadmium	0.4890	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Calcium	2380.0000	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Carbon Disulfide	0.0052	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Chloro-3-methylphenol[4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Chloroaniline[4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Chlorobenzene	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Chloroethane	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Chloroform	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Chloromethane	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50509	2–3	Soil	Chloronaphthalene[2-]	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Chlorophenol[2-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Chromium	13.0000	mg/kg	J+
21-03-21718	MD21-03-50509	2–3	Soil	Chrysene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Cobalt	3.9100	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Copper	5.2400	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Dibenz(a,h)anthracene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dibenzofuran	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dibromomethane	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichlorobenzene[1,2-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichlorobenzene[1,3-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichlorobenzene[1,4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichlorophenol[2,4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Diethylphthalate	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dimethyl Phthalate	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dimethylphenol[2,4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Di-n-butylphthalate	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dinitrophenol[2,4-]	0.7050	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Dinitrotoluene[2,4-]	0.3520	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50509	2–3	Soil	Dinitrotoluene[2,6-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Di-n-octylphthalate	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Ethylbenzene	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Fluoranthene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Fluorene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Hexachlorobenzene	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Hexachlorobutadiene	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Hexachlorocyclopentadiene	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Hexachloroethane	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Hexanone[2-]	0.0052	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Iodomethane	0.0052	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Iron	11630.0000	mg/kg	J
21-03-21718	MD21-03-50509	2–3	Soil	Isophorone	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Lead	9.1400	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Magnesium	2410.0000	mg/kg	J+
21-03-21718	MD21-03-50509	2–3	Soil	Manganese	164.0000	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Mercury	0.0235	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Methyl-2-pentanone[4-]	0.0052	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Methylene Chloride	0.0052	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Methylnaphthalene[2-]	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Methylphenol[2-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Methylphenol[4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Naphthalene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Nickel	5.7400	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Nitroaniline[2-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Nitroaniline[3-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Nitroaniline[4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Nitrophenol[2-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Nitrophenol[4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Nitrosodimethylamine[N-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Nitrosodiphenylamine[N-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Pentachlorophenol	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Phenanthrene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Phenol	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Plutonium-238	0.0031	pCi/g	U
21-03-21718	MD21-03-50509	2–3	Soil	Plutonium-239	-0.0015	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50509	2–3	Soil	Potassium	1360.0000	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Pyrene	0.0352	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Pyridine	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Selenium	0.4890	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Silver	0.0828	mg/kg	J
21-03-21718	MD21-03-50509	2–3	Soil	Sodium	191.0000	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Strontium-90	0.0282	pCi/g	U
21-03-21718	MD21-03-50509	2–3	Soil	Styrene	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Thallium	0.1440	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Thorium-228	1.3200	pCi/g	None
21-03-21718	MD21-03-50509	2–3	Soil	Thorium-230	1.2200	pCi/g	None
21-03-21718	MD21-03-50509	2–3	Soil	Thorium-232	1.3600	pCi/g	None
21-03-21718	MD21-03-50509	2–3	Soil	Toluene	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0052	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Trichloroethene	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Trichlorophenol[2,4,5-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Trichlorophenol[2,4,6-]	0.3520	mg/kg	Uj
21-03-21718	MD21-03-50509	2–3	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Tritium	0.0174	pCi/g	None
21-03-21718	MD21-03-50509	2–3	Soil	Uranium-234	0.5950	pCi/g	None
21-03-21718	MD21-03-50509	2–3	Soil	Uranium-235	0.0333	pCi/g	None
21-03-21718	MD21-03-50509	2–3	Soil	Uranium-238	0.6420	pCi/g	None
21-03-21718	MD21-03-50509	2–3	Soil	Vanadium	19.0000	mg/kg	None
21-03-21718	MD21-03-50509	2–3	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0021	mg/kg	U
21-03-21718	MD21-03-50509	2–3	Soil	Zinc	25.0000	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Acenaphthene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Acenaphthylene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Acetone	0.0296	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Aluminum	31060.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50537	2–3	Soil	Americium-241	0.0074	pCi/g	U
21-03-21718	MD21-03-50537	2–3	Soil	Aniline	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Anthracene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Antimony	0.4550	mg/kg	Uj
21-03-21718	MD21-03-50537	2–3	Soil	Arsenic	4.1700	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Azobenzene	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Barium	115.0000	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Benzene	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Benzo(a)anthracene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Benzo(a)pyrene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Benzo(b)fluoranthene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Benzo(g,h,i)perylene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Benzo(k)fluoranthene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Benzoic Acid	0.6990	mg/kg	Uj
21-03-21718	MD21-03-50537	2–3	Soil	Benzyl Alcohol	0.3500	mg/kg	Uj
21-03-21718	MD21-03-50537	2–3	Soil	Beryllium	1.9900	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Bis(2-chloroethoxy)methane	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Bis(2-chloroethyl)ether	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.3500	mg/kg	Uj
21-03-21718	MD21-03-50537	2–3	Soil	Bromobenzene	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Bromochloromethane	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Bromoform	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Bromomethane	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Bromophenyl-phenylether[4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Butanone[2-]	0.0066	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Butylbenzene[n-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Butylbenzene[sec-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Butylbenzene[tert-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Butylbenzylphthalate	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Cadmium	0.5620	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Calcium	3580.0000	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Carbon Disulfide	0.0066	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chloro-3-methylphenol[4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chloroaniline[4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chlorobenzene	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chloroethane	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chloroform	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chloromethane	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50537	2–3	Soil	Chloronaphthalene[2-]	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chlorophenol[2-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chlorotoluene[2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chlorotoluene[4-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Chromium	19.7000	mg/kg	J+
21-03-21718	MD21-03-50537	2–3	Soil	Chrysene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Cobalt	3.1500	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Copper	8.1800	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Dibenz(a,h)anthracene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dibenzofuran	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dibromomethane	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichlorobenzene[1,2-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichlorobenzene[1,3-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichlorobenzene[1,4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichlorophenol[2,4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Diethylphthalate	0.3500	mg/kg	Uj
21-03-21718	MD21-03-50537	2–3	Soil	Dimethyl Phthalate	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dimethylphenol[2,4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Di-n-butylphthalate	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dinitrophenol[2,4-]	0.6990	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Dinitrotoluene[2,4-]	0.3500	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50537	2–3	Soil	Dinitrotoluene[2,6-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Di-n-octylphthalate	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Ethylbenzene	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Fluoranthene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Fluorene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Hexachlorobenzene	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Hexachlorobutadiene	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Hexachlorocyclopentadiene	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Hexachloroethane	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Hexanone[2-]	0.0066	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Iodomethane	0.0066	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Iron	20750.0000	mg/kg	J
21-03-21718	MD21-03-50537	2–3	Soil	Isophorone	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Isopropylbenzene	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Isopropyltoluene[4-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Lead	11.3000	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Magnesium	4850.0000	mg/kg	J+
21-03-21718	MD21-03-50537	2–3	Soil	Manganese	177.0000	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Mercury	0.0652	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Methyl-2-pentanone[4-]	0.0066	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Methylene Chloride	0.0066	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Methylnaphthalene[2-]	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Methylphenol[2-]	0.3500	mg/kg	Uj
21-03-21718	MD21-03-50537	2–3	Soil	Methylphenol[4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Naphthalene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Nickel	12.3000	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Nitroaniline[2-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Nitroaniline[3-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Nitroaniline[4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Nitrophenol[2-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Nitrophenol[4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Nitrosodimethylamine[N-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Nitrosodiphenylamine[N-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Pentachlorophenol	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Phenanthrene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Phenol	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Plutonium-238	0.0216	pCi/g	U
21-03-21718	MD21-03-50537	2–3	Soil	Plutonium-239	-0.0022	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21718	MD21-03-50537	2–3	Soil	Potassium	2420.0000	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Propylbenzene[1-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Pyrene	0.0350	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Pyridine	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Selenium	0.1830	mg/kg	J
21-03-21718	MD21-03-50537	2–3	Soil	Silver	0.1700	mg/kg	J
21-03-21718	MD21-03-50537	2–3	Soil	Sodium	448.0000	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Strontium-90	-0.0832	pCi/g	U
21-03-21718	MD21-03-50537	2–3	Soil	Styrene	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Thallium	0.3020	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Toluene	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0066	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trichloroethene	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trichlorophenol[2,4,5-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trichlorophenol[2,4,6-]	0.3500	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Tritium	0.0259	pCi/g	None
21-03-21718	MD21-03-50537	2–3	Soil	Uranium-234	0.6350	pCi/g	None
21-03-21718	MD21-03-50537	2–3	Soil	Uranium-235	0.0406	pCi/g	None
21-03-21718	MD21-03-50537	2–3	Soil	Uranium-238	0.6280	pCi/g	None
21-03-21718	MD21-03-50537	2–3	Soil	Vanadium	28.9000	mg/kg	None
21-03-21718	MD21-03-50537	2–3	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0026	mg/kg	U
21-03-21718	MD21-03-50537	2–3	Soil	Zinc	41.6000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Acenaphthene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Acenaphthylene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Acetone	0.0052	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Aluminum	15760.0000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Americium-241	0.0244	pCi/g	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Aniline	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Anthracene	0.0387	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21719	MD21-03-50506	0–0.5	Soil	Arsenic	4.4800	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Azobenzene	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Barium	464.0000	mg/kg	J+
21-03-21719	MD21-03-50506	0–0.5	Soil	Benzene	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Benzo(a)anthracene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Benzo(a)pyrene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Benzo(b)fluoranthene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Benzo(g,h,i)perylene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Benzo(k)fluoranthene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Benzoic Acid	0.7750	mg/kg	Uj
21-03-21719	MD21-03-50506	0–0.5	Soil	Benzyl Alcohol	0.3870	mg/kg	Uj
21-03-21719	MD21-03-50506	0–0.5	Soil	Beryllium	0.8840	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0632	mg/kg	J
21-03-21719	MD21-03-50506	0–0.5	Soil	Bromobenzene	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Bromochloromethane	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Bromoform	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Bromomethane	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Butanone[2-]	0.0052	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Butylbenzylphthalate	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Cadmium	0.2300	mg/kg	J
21-03-21719	MD21-03-50506	0–0.5	Soil	Calcium	2840.0000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Carbon Disulfide	0.0052	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chloroaniline[4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chlorobenzene	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chloroethane	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chloroform	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chloromethane	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chloronaphthalene[2-]	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chlorophenol[2-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21719	MD21-03-50506	0–0.5	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Chromium	11.4000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Chrysene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Cobalt	23.7000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Copper	8.2300	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Dibenz(a,h)anthracene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dibenzofuran	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dibromomethane	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichlorophenol[2,4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Diethylphthalate	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dimethyl Phthalate	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dimethylphenol[2,4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Di-n-butylphthalate	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dinitrophenol[2,4-]	0.7750	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Di-n-octylphthalate	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Ethylbenzene	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Fluoranthene	0.0387	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21719	MD21-03-50506	0–0.5	Soil	Fluorene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Hexachlorobenzene	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Hexachlorobutadiene	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Hexachlorocyclopentadiene	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Hexachloroethane	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Hexanone[2-]	0.0052	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Iodomethane	0.0052	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Iron	15570.0000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Isophorone	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Lead	23.6000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Magnesium	2740.0000	mg/kg	J+
21-03-21719	MD21-03-50506	0–0.5	Soil	Manganese	3250.0000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Mercury	0.0246	mg/kg	J+
21-03-21719	MD21-03-50506	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0052	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Methylene Chloride	0.0052	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Methylnaphthalene[2-]	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Methylphenol[2-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Methylphenol[4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Naphthalene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Nickel	9.6400	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Nitroaniline[2-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Nitroaniline[3-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Nitroaniline[4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Nitrophenol[2-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Nitrophenol[4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Pentachlorophenol	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Phenanthrene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Phenol	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Plutonium-238	-0.0000	pCi/g	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Plutonium-239	0.2540	pCi/g	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Potassium	1880.0000	mg/kg	J+
21-03-21719	MD21-03-50506	0–0.5	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Pyrene	0.0387	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Pyridine	0.3870	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21719	MD21-03-50506	0–0.5	Soil	Selenium	1.3700	mg/kg	J
21-03-21719	MD21-03-50506	0–0.5	Soil	Silver	0.0855	mg/kg	J
21-03-21719	MD21-03-50506	0–0.5	Soil	Sodium	91.6000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Strontium-90	0.1240	pCi/g	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Styrene	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Thallium	0.2060	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Thorium-228	1.3000	pCi/g	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Thorium-230	1.4900	pCi/g	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Thorium-232	1.3200	pCi/g	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Toluene	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0052	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trichloroethene	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3870	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Tritium	0.3347	pCi/g	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Uranium-234	0.8270	pCi/g	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Uranium-235	0.0386	pCi/g	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Uranium-238	0.8660	pCi/g	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Vanadium	34.9000	mg/kg	None
21-03-21719	MD21-03-50506	0–0.5	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0021	mg/kg	U
21-03-21719	MD21-03-50506	0–0.5	Soil	Zinc	32.3000	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Acenaphthene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Acenaphthylene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Acetone	0.0769	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Aluminum	4290.0000	mg/kg	J+
21-03-21719	MD21-03-50507	2–3	Soil	Americium-241	0.0610	pCi/g	U
21-03-21719	MD21-03-50507	2–3	Soil	Aniline	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Anthracene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Antimony	0.4140	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21719	MD21-03-50507	2–3	Soil	Arsenic	2.4800	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Azobenzene	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Barium	49.7000	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Benzene	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Benzo(a)anthracene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Benzo(a)pyrene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Benzo(b)fluoranthene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Benzo(g,h,i)perylene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Benzo(k)fluoranthene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Benzoic Acid	0.6950	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Benzyl Alcohol	0.3480	mg/kg	Uj
21-03-21719	MD21-03-50507	2–3	Soil	Beryllium	0.4590	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Bis(2-chloroethoxy)methane	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Bis(2-chloroethyl)ether	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.0541	mg/kg	J
21-03-21719	MD21-03-50507	2–3	Soil	Bromobenzene	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Bromochloromethane	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Bromoform	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Bromomethane	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Bromophenyl-phenylether[4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Butanone[2-]	0.0054	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Butylbenzylphthalate	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Cadmium	0.4700	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Calcium	768.0000	mg/kg	J+
21-03-21719	MD21-03-50507	2–3	Soil	Carbon Disulfide	0.0054	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chloro-3-methylphenol[4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chloroaniline[4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chlorobenzene	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chloroethane	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chloroform	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chloromethane	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chloronaphthalene[2-]	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chlorophenol[2-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21719	MD21-03-50507	2–3	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Chromium	31.6000	mg/kg	J
21-03-21719	MD21-03-50507	2–3	Soil	Chrysene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Cobalt	1.7000	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Copper	4.6000	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Dibenz(a,h)anthracene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dibenzofuran	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dibromomethane	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichlorobenzene[1,2-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichlorobenzene[1,3-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichlorobenzene[1,4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloroethene[1,1-]	0.0008	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichlorophenol[2,4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Diethylphthalate	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dimethyl Phthalate	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dimethylphenol[2,4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Di-n-butylphthalate	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dinitrophenol[2,4-]	0.6950	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dinitrotoluene[2,4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Dinitrotoluene[2,6-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Di-n-octylphthalate	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Ethylbenzene	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Fluoranthene	0.0348	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21719	MD21-03-50507	2–3	Soil	Fluorene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Hexachlorobenzene	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Hexachlorobutadiene	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Hexachlorocyclopentadiene	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Hexachloroethane	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Hexanone[2-]	0.0054	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Iodomethane	0.0054	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Iron	7810.0000	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Isophorone	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Isopropyltoluene[4-]	0.0009	mg/kg	J
21-03-21719	MD21-03-50507	2–3	Soil	Lead	6.2500	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Magnesium	778.0000	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Manganese	290.0000	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Mercury	0.0255	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Methyl-2-pentanone[4-]	0.0054	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Methylene Chloride	0.0054	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Methylnaphthalene[2-]	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Methylphenol[2-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Methylphenol[4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Naphthalene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Nickel	3.9900	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Nitroaniline[2-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Nitroaniline[3-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Nitroaniline[4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Nitrophenol[2-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Nitrophenol[4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Nitrosodimethylamine[N-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Nitrosodiphenylamine[N-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Pentachlorophenol	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Phenanthrene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Phenol	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Plutonium-238	0.0000	pCi/g	U
21-03-21719	MD21-03-50507	2–3	Soil	Plutonium-239	0.0541	pCi/g	U
21-03-21719	MD21-03-50507	2–3	Soil	Potassium	569.0000	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Pyrene	0.0348	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Pyridine	0.3480	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21719	MD21-03-50507	2–3	Soil	Selenium	0.4210	mg/kg	J
21-03-21719	MD21-03-50507	2–3	Soil	Silver	0.2070	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Sodium	95.3000	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Strontium-90	0.0515	pCi/g	U
21-03-21719	MD21-03-50507	2–3	Soil	Styrene	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Thallium	0.0760	mg/kg	J
21-03-21719	MD21-03-50507	2–3	Soil	Thorium-228	1.2600	pCi/g	None
21-03-21719	MD21-03-50507	2–3	Soil	Thorium-230	1.0000	pCi/g	None
21-03-21719	MD21-03-50507	2–3	Soil	Thorium-232	1.2000	pCi/g	None
21-03-21719	MD21-03-50507	2–3	Soil	Toluene	0.0005	mg/kg	J
21-03-21719	MD21-03-50507	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0054	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trichloroethene	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trichlorophenol[2,4,5-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trichlorophenol[2,4,6-]	0.3480	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Tritium	0.0369	pCi/g	None
21-03-21719	MD21-03-50507	2–3	Soil	Uranium-234	0.8040	pCi/g	None
21-03-21719	MD21-03-50507	2–3	Soil	Uranium-235	0.0542	pCi/g	None
21-03-21719	MD21-03-50507	2–3	Soil	Uranium-238	0.7120	pCi/g	None
21-03-21719	MD21-03-50507	2–3	Soil	Vanadium	8.5500	mg/kg	None
21-03-21719	MD21-03-50507	2–3	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-03-21719	MD21-03-50507	2–3	Soil	Zinc	27.9000	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Acenaphthene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Acenaphthylene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Acetone	0.0046	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Aluminum	11880.0000	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Americium-241	0.0062	pCi/g	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Aniline	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Anthracene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Arsenic	2.7400	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21720	MD21-03-50504	0–0.5	Soil	Azobenzene	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Barium	128.0000	mg/kg	J+
21-03-21720	MD21-03-50504	0–0.5	Soil	Benzene	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Benzo(a)anthracene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Benzo(a)pyrene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Benzo(b)fluoranthene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Benzo(g,h,i)perylene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Benzo(k)fluoranthene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Benzoic Acid	0.8190	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Benzyl Alcohol	0.4090	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Beryllium	0.5690	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0725	mg/kg	J
21-03-21720	MD21-03-50504	0–0.5	Soil	Bromobenzene	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Bromochloromethane	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Bromoform	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Bromomethane	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Butanone[2-]	0.0065	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Butylbenzylphthalate	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Cadmium	0.0554	mg/kg	J
21-03-21720	MD21-03-50504	0–0.5	Soil	Calcium	1930.0000	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Carbon Disulfide	0.0065	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chloroaniline[4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chloroethane	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chloroform	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chloromethane	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chloronaphthalene[2-]	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chlorophenol[2-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21720	MD21-03-50504	0–0.5	Soil	Chromium	9.7100	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Chrysene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Cobalt	4.9700	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Copper	6.5200	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Dibenz(a,h)anthracene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dibenzofuran	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dibromomethane	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichlorophenol[2,4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Diethylphthalate	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dimethyl Phthalate	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dimethylphenol[2,4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Di-n-butylphthalate	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dinitrophenol[2,4-]	0.8190	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Di-n-octylphthalate	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Fluoranthene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Fluorene	0.0409	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21720	MD21-03-50504	0–0.5	Soil	Hexachlorobenzene	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Hexachlorobutadiene	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Hexachlorocyclopentadiene	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Hexachloroethane	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Hexanone[2-]	0.0065	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Iodomethane	0.0065	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Iron	11510.0000	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Isophorone	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Isopropylbenzene	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Isopropyltoluene[4-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Lead	15.7000	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Magnesium	1960.0000	mg/kg	J+
21-03-21720	MD21-03-50504	0–0.5	Soil	Manganese	384.0000	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Mercury	0.0204	mg/kg	J+
21-03-21720	MD21-03-50504	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0065	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Methylene Chloride	0.0065	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Methylnaphthalene[2-]	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Methylphenol[2-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Methylphenol[4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Naphthalene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Nickel	5.9500	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Nitroaniline[2-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Nitroaniline[3-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Nitroaniline[4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Nitrophenol[2-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Nitrophenol[4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Pentachlorophenol	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Phenanthrene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Phenol	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Plutonium-238	0.0030	pCi/g	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Plutonium-239	0.2330	pCi/g	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Potassium	1570.0000	mg/kg	J+
21-03-21720	MD21-03-50504	0–0.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Pyrene	0.0409	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Pyridine	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Selenium	0.3860	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21720	MD21-03-50504	0–0.5	Soil	Silver	0.1040	mg/kg	J
21-03-21720	MD21-03-50504	0–0.5	Soil	Sodium	69.4000	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Strontium-90	0.1180	pCi/g	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Styrene	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Thallium	0.1430	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Thorium-228	1.4600	pCi/g	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Thorium-230	1.2600	pCi/g	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Thorium-232	1.3000	pCi/g	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Toluene	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0065	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4090	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	Uj
21-03-21720	MD21-03-50504	0–0.5	Soil	Tritium	0.3463	pCi/g	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Uranium-234	0.9830	pCi/g	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Uranium-235	0.0780	pCi/g	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Uranium-238	1.1200	pCi/g	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Vanadium	22.7000	mg/kg	None
21-03-21720	MD21-03-50504	0–0.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0026	mg/kg	U
21-03-21720	MD21-03-50504	0–0.5	Soil	Zinc	31.8000	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Acenaphthene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Acenaphthylene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Acetone	0.0531	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Aluminum	1790.0000	mg/kg	J+
21-03-21720	MD21-03-50505	2–3	Soil	Americium-241	0.0871	pCi/g	None
21-03-21720	MD21-03-50505	2–3	Soil	Aniline	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Anthracene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Antimony	0.4070	mg/kg	Uj
21-03-21720	MD21-03-50505	2–3	Soil	Arsenic	1.4100	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21720	MD21-03-50505	2–3	Soil	Azobenzene	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Barium	14.1000	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Benzene	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Benzo(a)anthracene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Benzo(a)pyrene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Benzo(b)fluoranthene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Benzo(g,h,i)perylene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Benzo(k)fluoranthene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Benzoic Acid	0.6870	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Benzyl Alcohol	0.3430	mg/kg	Uj
21-03-21720	MD21-03-50505	2–3	Soil	Beryllium	0.1670	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Bis(2-chloroethoxy)methane	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Bis(2-chloroethyl)ether	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.0608	mg/kg	J
21-03-21720	MD21-03-50505	2–3	Soil	Bromobenzene	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Bromochloromethane	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Bromoform	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Bromomethane	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Bromophenyl-phenylether[4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Butanone[2-]	0.0058	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Butylbenzylphthalate	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Cadmium	0.5100	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Calcium	269.0000	mg/kg	J+
21-03-21720	MD21-03-50505	2–3	Soil	Carbon Disulfide	0.0058	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chloro-3-methylphenol[4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chloroaniline[4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chlorobenzene	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chloroethane	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chloroform	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chloromethane	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chloronaphthalene[2-]	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chlorophenol[2-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21720	MD21-03-50505	2–3	Soil	Chromium	13.2000	mg/kg	J
21-03-21720	MD21-03-50505	2–3	Soil	Chrysene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Cobalt	0.5300	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Copper	1.9600	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Dibenz(a,h)anthracene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dibenzofuran	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dibromomethane	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichlorobenzene[1,2-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichlorobenzene[1,3-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichlorobenzene[1,4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloroethene[1,1-]	0.0045	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichlorophenol[2,4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Diethylphthalate	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dimethyl Phthalate	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dimethylphenol[2,4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Di-n-butylphthalate	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dinitrophenol[2,4-]	0.6870	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dinitrotoluene[2,4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Dinitrotoluene[2,6-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Di-n-octylphthalate	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Ethylbenzene	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Fluoranthene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Fluorene	0.0343	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21720	MD21-03-50505	2–3	Soil	Hexachlorobenzene	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Hexachlorobutadiene	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Hexachlorocyclopentadiene	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Hexachloroethane	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Hexanone[2-]	0.0058	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Iodomethane	0.0058	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Iron	4180.0000	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Isophorone	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Lead	3.8100	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Magnesium	402.0000	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Manganese	182.0000	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Mercury	0.0075	mg/kg	J
21-03-21720	MD21-03-50505	2–3	Soil	Methyl-2-pentanone[4-]	0.0058	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Methylene Chloride	0.0058	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Methylnaphthalene[2-]	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Methylphenol[2-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Methylphenol[4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Naphthalene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Nickel	2.5800	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Nitroaniline[2-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Nitroaniline[3-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Nitroaniline[4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Nitrophenol[2-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Nitrophenol[4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Nitrosodimethylamine[N-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Nitrosodiphenylamine[N-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Pentachlorophenol	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Phenanthrene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Phenol	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Plutonium-238	-0.0034	pCi/g	U
21-03-21720	MD21-03-50505	2–3	Soil	Plutonium-239	0.2420	pCi/g	None
21-03-21720	MD21-03-50505	2–3	Soil	Potassium	300.0000	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Pyrene	0.0343	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Pyridine	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Selenium	0.4810	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21720	MD21-03-50505	2–3	Soil	Silver	0.2040	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Sodium	89.2000	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Strontium-90	0.1230	pCi/g	U
21-03-21720	MD21-03-50505	2–3	Soil	Styrene	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Thallium	0.0600	mg/kg	J
21-03-21720	MD21-03-50505	2–3	Soil	Thorium-228	1.4800	pCi/g	None
21-03-21720	MD21-03-50505	2–3	Soil	Thorium-230	1.0900	pCi/g	None
21-03-21720	MD21-03-50505	2–3	Soil	Thorium-232	1.4200	pCi/g	None
21-03-21720	MD21-03-50505	2–3	Soil	Toluene	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0058	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trichloroethene	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trichlorophenol[2,4,5-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trichlorophenol[2,4,6-]	0.3430	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Tritium	0.0280	pCi/g	None
21-03-21720	MD21-03-50505	2–3	Soil	Uranium-234	0.7650	pCi/g	None
21-03-21720	MD21-03-50505	2–3	Soil	Uranium-235	0.1230	pCi/g	None
21-03-21720	MD21-03-50505	2–3	Soil	Uranium-238	0.6510	pCi/g	None
21-03-21720	MD21-03-50505	2–3	Soil	Vanadium	2.7400	mg/kg	None
21-03-21720	MD21-03-50505	2–3	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-03-21720	MD21-03-50505	2–3	Soil	Zinc	21.2000	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Acenaphthene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Acenaphthylene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Acetone	0.0053	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Aluminum	9070.0000	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Americium-241	0.0513	pCi/g	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Aniline	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Anthracene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Arsenic	2.9900	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Azobenzene	0.3680	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21721	MD21-03-50502	0–0.5	Soil	Barium	96.4000	mg/kg	J+
21-03-21721	MD21-03-50502	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Benzo(a)anthracene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Benzo(a)pyrene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Benzo(b)fluoranthene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Benzo(g,h,i)perylene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Benzo(k)fluoranthene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Benzoic Acid	0.7360	mg/kg	Uj
21-03-21721	MD21-03-50502	0–0.5	Soil	Benzyl Alcohol	0.3680	mg/kg	Uj
21-03-21721	MD21-03-50502	0–0.5	Soil	Beryllium	0.5280	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0870	mg/kg	J
21-03-21721	MD21-03-50502	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Butanone[2-]	0.0053	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Butylbenzylphthalate	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Cadmium	0.5390	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Calcium	1220.0000	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Carbon Disulfide	0.0053	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chloroaniline[4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chloronaphthalene[2-]	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chlorophenol[2-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Chromium	9.6400	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21721	MD21-03-50502	0–0.5	Soil	Chrysene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Cobalt	5.9500	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Copper	4.8900	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Dibenz(a,h)anthracene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dibenzofuran	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichlorophenol[2,4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Diethylphthalate	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dimethyl Phthalate	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dimethylphenol[2,4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Di-n-butylphthalate	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dinitrophenol[2,4-]	0.7360	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Di-n-octylphthalate	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Fluoranthene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Fluorene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Hexachlorobenzene	0.3680	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21721	MD21-03-50502	0–0.5	Soil	Hexachlorobutadiene	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Hexachlorocyclopentadiene	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Hexachloroethane	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Hexanone[2-]	0.0053	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Iodomethane	0.0053	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Iron	11050.0000	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Isophorone	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Lead	13.8000	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Magnesium	1520.0000	mg/kg	J+
21-03-21721	MD21-03-50502	0–0.5	Soil	Manganese	355.0000	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Mercury	0.0183	mg/kg	J+
21-03-21721	MD21-03-50502	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0053	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Methylene Chloride	0.0053	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Methylnaphthalene[2-]	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Methylphenol[2-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Methylphenol[4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Naphthalene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Nickel	6.5200	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Nitroaniline[2-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Nitroaniline[3-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Nitroaniline[4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Nitrophenol[2-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Nitrophenol[4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Pentachlorophenol	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Phenanthrene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Phenol	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Plutonium-238	0.0030	pCi/g	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Plutonium-239	1.0900	pCi/g	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Potassium	1360.0000	mg/kg	J+
21-03-21721	MD21-03-50502	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Pyrene	0.0368	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Pyridine	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Selenium	0.5390	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Silver	0.0480	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21721	MD21-03-50502	0–0.5	Soil	Sodium	78.5000	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Strontium-90	0.0613	pCi/g	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Thallium	0.1490	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Thorium-228	1.5100	pCi/g	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Thorium-230	1.2000	pCi/g	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Thorium-232	1.2000	pCi/g	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0053	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3680	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Tritium	0.1201	pCi/g	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Uranium-234	1.1000	pCi/g	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Uranium-235	0.0501	pCi/g	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Uranium-238	0.9830	pCi/g	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Vanadium	24.4000	mg/kg	None
21-03-21721	MD21-03-50502	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0021	mg/kg	U
21-03-21721	MD21-03-50502	0–0.5	Soil	Zinc	22.8000	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Acenaphthene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Acenaphthylene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Acetone	0.0550	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Aluminum	9320.0000	mg/kg	J+
21-03-21721	MD21-03-50503	2–3	Soil	Americium-241	0.0234	pCi/g	U
21-03-21721	MD21-03-50503	2–3	Soil	Aniline	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Anthracene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Antimony	0.4140	mg/kg	Uj
21-03-21721	MD21-03-50503	2–3	Soil	Arsenic	2.8800	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Azobenzene	0.3460	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21721	MD21-03-50503	2–3	Soil	Barium	89.1000	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Benzene	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Benzo(a)anthracene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Benzo(a)pyrene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Benzo(b)fluoranthene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Benzo(g,h,i)perylene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Benzo(k)fluoranthene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Benzoic Acid	0.6920	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Benzyl Alcohol	0.3460	mg/kg	Uj
21-03-21721	MD21-03-50503	2–3	Soil	Beryllium	0.4410	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Bis(2-chloroethoxy)methane	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Bis(2-chloroethyl)ether	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.0504	mg/kg	J
21-03-21721	MD21-03-50503	2–3	Soil	Bromobenzene	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Bromochloromethane	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Bromoform	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Bromomethane	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Bromophenyl-phenylether[4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Butanone[2-]	0.0058	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Butylbenzylphthalate	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Cadmium	0.4690	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Calcium	3360.0000	mg/kg	J+
21-03-21721	MD21-03-50503	2–3	Soil	Carbon Disulfide	0.0058	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chloro-3-methylphenol[4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chloroaniline[4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chlorobenzene	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chloroethane	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chloroform	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chloromethane	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chloronaphthalene[2-]	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chlorophenol[2-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Chromium	14.6000	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21721	MD21-03-50503	2–3	Soil	Chrysene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Cobalt	1.9300	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Copper	2.7300	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Dibenz(a,h)anthracene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dibenzofuran	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dibromomethane	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichlorobenzene[1,2-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichlorobenzene[1,3-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichlorobenzene[1,4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	J
21-03-21721	MD21-03-50503	2–3	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichlorophenol[2,4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Diethylphthalate	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dimethyl Phthalate	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dimethylphenol[2,4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Di-n-butylphthalate	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dinitrophenol[2,4-]	0.6920	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dinitrotoluene[2,4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Dinitrotoluene[2,6-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Di-n-octylphthalate	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Ethylbenzene	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Fluoranthene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Fluorene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Hexachlorobenzene	0.3460	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21721	MD21-03-50503	2–3	Soil	Hexachlorobutadiene	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Hexachlorocyclopentadiene	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Hexachloroethane	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Hexanone[2-]	0.0058	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Iodomethane	0.0058	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Iron	9020.0000	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Isophorone	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Lead	27.4000	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Magnesium	1470.0000	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Manganese	235.0000	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Mercury	0.0241	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Methyl-2-pentanone[4-]	0.0058	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Methylene Chloride	0.0058	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Methylnaphthalene[2-]	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Methylphenol[2-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Methylphenol[4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Naphthalene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Nickel	4.1700	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Nitroaniline[2-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Nitroaniline[3-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Nitroaniline[4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Nitrophenol[2-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Nitrophenol[4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Nitrosodimethylamine[N-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Nitrosodiphenylamine[N-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Pentachlorophenol	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Phenanthrene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Phenol	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Plutonium-238	0.0062	pCi/g	U
21-03-21721	MD21-03-50503	2–3	Soil	Plutonium-239	0.0125	pCi/g	U
21-03-21721	MD21-03-50503	2–3	Soil	Potassium	916.0000	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Pyrene	0.0346	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Pyridine	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Selenium	0.5820	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Silver	0.0579	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21721	MD21-03-50503	2–3	Soil	Sodium	421.0000	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Strontium-90	0.0716	pCi/g	U
21-03-21721	MD21-03-50503	2–3	Soil	Styrene	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Thallium	0.1060	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Thorium-228	1.4400	pCi/g	None
21-03-21721	MD21-03-50503	2–3	Soil	Thorium-230	1.3500	pCi/g	None
21-03-21721	MD21-03-50503	2–3	Soil	Thorium-232	1.4200	pCi/g	None
21-03-21721	MD21-03-50503	2–3	Soil	Toluene	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0058	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trichloroethene	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trichlorophenol[2,4,5-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trichlorophenol[2,4,6-]	0.3460	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Tritium	0.0405	pCi/g	None
21-03-21721	MD21-03-50503	2–3	Soil	Uranium-234	0.6670	pCi/g	None
21-03-21721	MD21-03-50503	2–3	Soil	Uranium-235	0.0608	pCi/g	U
21-03-21721	MD21-03-50503	2–3	Soil	Uranium-238	0.6610	pCi/g	None
21-03-21721	MD21-03-50503	2–3	Soil	Vanadium	11.3000	mg/kg	None
21-03-21721	MD21-03-50503	2–3	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-03-21721	MD21-03-50503	2–3	Soil	Zinc	30.3000	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Acenaphthene	0.0418	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Acenaphthylene	0.0418	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Acetone	0.0059	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Aluminum	7580.0000	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Americium-241	0.1300	pCi/g	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Aniline	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Anthracene	0.0418	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Arsenic	2.6200	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Azobenzene	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Barium	64.5000	mg/kg	J+

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21722	MD21-03-50500	0–0.5	Soil	Benzene	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Benzo(a)anthracene	0.0418	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Benzo(a)pyrene	0.0418	mg/kg	Uj
21-03-21722	MD21-03-50500	0–0.5	Soil	Benzo(b)fluoranthene	0.0418	mg/kg	Uj
21-03-21722	MD21-03-50500	0–0.5	Soil	Benzo(g,h,i)perylene	0.0418	mg/kg	Uj
21-03-21722	MD21-03-50500	0–0.5	Soil	Benzo(k)fluoranthene	0.0418	mg/kg	Uj
21-03-21722	MD21-03-50500	0–0.5	Soil	Benzoic Acid	0.8360	mg/kg	Uj
21-03-21722	MD21-03-50500	0–0.5	Soil	Benzyl Alcohol	0.4180	mg/kg	Uj
21-03-21722	MD21-03-50500	0–0.5	Soil	Beryllium	0.3920	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.1020	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Bromobenzene	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Bromochloromethane	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Bromoform	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Bromomethane	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Butanone[2-]	0.0059	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Butylbenzylphthalate	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Cadmium	0.0701	mg/kg	J
21-03-21722	MD21-03-50500	0–0.5	Soil	Calcium	2560.0000	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Carbon Disulfide	0.0059	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chloroaniline[4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chlorobenzene	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chloroethane	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chloroform	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chloromethane	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chloronaphthalene[2-]	0.0418	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chlorophenol[2-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Chromium	6.3600	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Chrysene	0.0418	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21722	MD21-03-50500	0–0.5	Soil	Cobalt	1.9500	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Copper	5.4500	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Dibenz(a,h)anthracene	0.0418	mg/kg	Uj
21-03-21722	MD21-03-50500	0–0.5	Soil	Dibenzofuran	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dibromomethane	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichlorophenol[2,4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Diethylphthalate	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dimethyl Phthalate	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dimethylphenol[2,4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Di-n-butylphthalate	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dinitrophenol[2,4-]	0.8360	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Di-n-octylphthalate	0.4180	mg/kg	Uj
21-03-21722	MD21-03-50500	0–0.5	Soil	Ethylbenzene	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Fluoranthene	0.0209	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Fluorene	0.0418	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Hexachlorobenzene	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Hexachlorobutadiene	0.4180	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21722	MD21-03-50500	0–0.5	Soil	Hexachlorocyclopentadiene	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Hexachloroethane	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Hexanone[2-]	0.0059	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0418	mg/kg	Uj
21-03-21722	MD21-03-50500	0–0.5	Soil	Iodomethane	0.0059	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Iron	9230.0000	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Isophorone	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Isopropyltoluene[4-]	0.0008	mg/kg	J
21-03-21722	MD21-03-50500	0–0.5	Soil	Lead	15.6000	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Magnesium	1170.0000	mg/kg	J+
21-03-21722	MD21-03-50500	0–0.5	Soil	Manganese	200.0000	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Mercury	0.0215	mg/kg	J+
21-03-21722	MD21-03-50500	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0059	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Methylene Chloride	0.0059	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Methylnaphthalene[2-]	0.0418	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Methylphenol[2-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Methylphenol[4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Naphthalene	0.0418	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Nickel	4.1900	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Nitroaniline[2-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Nitroaniline[3-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Nitroaniline[4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Nitrophenol[2-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Nitrophenol[4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Pentachlorophenol	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Phenanthrene	0.0418	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Phenol	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Plutonium-238	0.0066	pCi/g	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Plutonium-239	0.4010	pCi/g	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Potassium	1070.0000	mg/kg	J+
21-03-21722	MD21-03-50500	0–0.5	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Pyrene	0.0238	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Pyridine	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Selenium	0.6260	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Silver	0.0711	mg/kg	J
21-03-21722	MD21-03-50500	0–0.5	Soil	Sodium	71.7000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21722	MD21-03-50500	0–0.5	Soil	Strontium-90	0.1300	pCi/g	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Styrene	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Thallium	0.1100	mg/kg	J
21-03-21722	MD21-03-50500	0–0.5	Soil	Thorium-228	1.3400	pCi/g	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Thorium-230	1.1900	pCi/g	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Thorium-232	1.2000	pCi/g	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Toluene	0.0009	mg/kg	J
21-03-21722	MD21-03-50500	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0059	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trichloroethene	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4180	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Tritium	0.4524	pCi/g	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Uranium-234	0.7980	pCi/g	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Uranium-235	0.0920	pCi/g	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Uranium-238	0.8660	pCi/g	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Vanadium	11.9000	mg/kg	None
21-03-21722	MD21-03-50500	0–0.5	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-03-21722	MD21-03-50500	0–0.5	Soil	Zinc	43.1000	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Acenaphthene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Acenaphthylene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Acetone	0.0762	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Aluminum	684.0000	mg/kg	J+
21-03-21722	MD21-03-50501	2–3	Soil	Americium-241	0.0275	pCi/g	U
21-03-21722	MD21-03-50501	2–3	Soil	Aniline	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Anthracene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Antimony	0.3980	mg/kg	Uj
21-03-21722	MD21-03-50501	2–3	Soil	Arsenic	1.5900	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Azobenzene	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Barium	20.3000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21722	MD21-03-50501	2–3	Soil	Benzene	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Benzo(a)anthracene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Benzo(a)pyrene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Benzo(b)fluoranthene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Benzo(g,h,i)perylene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Benzo(k)fluoranthene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Benzoic Acid	0.6720	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Benzyl Alcohol	0.3360	mg/kg	Uj
21-03-21722	MD21-03-50501	2–3	Soil	Beryllium	0.2620	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Bis(2-chloroethoxy)methane	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Bis(2-chloroethyl)ether	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.0304	mg/kg	J
21-03-21722	MD21-03-50501	2–3	Soil	Bromobenzene	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Bromochloromethane	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Bromoform	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Bromomethane	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Bromophenyl-phenylether[4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Butanone[2-]	0.0057	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Butylbenzylphthalate	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Cadmium	0.4790	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Calcium	211.0000	mg/kg	J+
21-03-21722	MD21-03-50501	2–3	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chloro-3-methylphenol[4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chloroaniline[4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chlorobenzene	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chloroethane	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chloroform	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chloromethane	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chloronaphthalene[2-]	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chlorophenol[2-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Chromium	9.9400	mg/kg	J
21-03-21722	MD21-03-50501	2–3	Soil	Chrysene	0.0336	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21722	MD21-03-50501	2–3	Soil	Cobalt	0.4990	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Copper	1.7400	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Dibenz(a,h)anthracene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dibenzofuran	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dibromomethane	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichlorobenzene[1,2-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichlorobenzene[1,3-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichlorobenzene[1,4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloroethene[1,1-]	0.0035	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichlorophenol[2,4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Diethylphthalate	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dimethyl Phthalate	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dimethylphenol[2,4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Di-n-butylphthalate	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dinitrophenol[2,4-]	0.6720	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dinitrotoluene[2,4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Dinitrotoluene[2,6-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Di-n-octylphthalate	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Ethylbenzene	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Fluoranthene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Fluorene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Hexachlorobenzene	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Hexachlorobutadiene	0.3360	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21722	MD21-03-50501	2–3	Soil	Hexachlorocyclopentadiene	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Hexachloroethane	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Hexanone[2-]	0.0057	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Iodomethane	0.0057	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Iron	5490.0000	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Isophorone	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Lead	2.0600	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Magnesium	214.0000	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Manganese	287.0000	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Mercury	0.0269	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Methyl-2-pentanone[4-]	0.0057	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Methylene Chloride	0.0057	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Methylnaphthalene[2-]	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Methylphenol[2-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Methylphenol[4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Naphthalene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Nickel	4.0600	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Nitroaniline[2-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Nitroaniline[3-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Nitroaniline[4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Nitrophenol[2-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Nitrophenol[4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Nitrosodimethylamine[N-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Nitrosodiphenylamine[N-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Pentachlorophenol	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Phenanthrene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Phenol	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Plutonium-238	0.0144	pCi/g	U
21-03-21722	MD21-03-50501	2–3	Soil	Plutonium-239	0.0029	pCi/g	U
21-03-21722	MD21-03-50501	2–3	Soil	Potassium	145.0000	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Pyrene	0.0336	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Pyridine	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Selenium	0.2880	mg/kg	J
21-03-21722	MD21-03-50501	2–3	Soil	Silver	0.0426	mg/kg	J
21-03-21722	MD21-03-50501	2–3	Soil	Sodium	103.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21722	MD21-03-50501	2–3	Soil	Strontium-90	0.0401	pCi/g	U
21-03-21722	MD21-03-50501	2–3	Soil	Styrene	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Thallium	0.2040	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Thorium-228	1.1900	pCi/g	None
21-03-21722	MD21-03-50501	2–3	Soil	Thorium-230	0.8630	pCi/g	None
21-03-21722	MD21-03-50501	2–3	Soil	Thorium-232	1.2600	pCi/g	None
21-03-21722	MD21-03-50501	2–3	Soil	Toluene	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trichloroethene	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trichlorophenol[2,4,5-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trichlorophenol[2,4,6-]	0.3360	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Tritium	0.0045	pCi/g	None
21-03-21722	MD21-03-50501	2–3	Soil	Uranium-234	0.6480	pCi/g	None
21-03-21722	MD21-03-50501	2–3	Soil	Uranium-235	0.0291	pCi/g	U
21-03-21722	MD21-03-50501	2–3	Soil	Uranium-238	0.5980	pCi/g	None
21-03-21722	MD21-03-50501	2–3	Soil	Vanadium	2.0600	mg/kg	None
21-03-21722	MD21-03-50501	2–3	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-03-21722	MD21-03-50501	2–3	Soil	Zinc	30.9000	mg/kg	None
21-03-21723	MD21-03-50530	0–0.5	Soil	Plutonium-238	0.0445	pCi/g	None
21-03-21723	MD21-03-50530	0–0.5	Soil	Plutonium-239	2.7400	pCi/g	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Aluminum	5080.0000	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Antimony	0.4820	mg/kg	Uj
21-03-21724	MD21-03-50528	0–0.5	Soil	Arsenic	1.9900	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Barium	39.9000	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Beryllium	0.2110	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Cadmium	0.5970	mg/kg	U
21-03-21724	MD21-03-50528	0–0.5	Soil	Calcium	1040.0000	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Chromium	3.7700	mg/kg	J+
21-03-21724	MD21-03-50528	0–0.5	Soil	Cobalt	1.4800	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21724	MD21-03-50528	0–0.5	Soil	Copper	2.5000	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Iron	6140.0000	mg/kg	J
21-03-21724	MD21-03-50528	0–0.5	Soil	Lead	7.3000	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Magnesium	705.0000	mg/kg	J+
21-03-21724	MD21-03-50528	0–0.5	Soil	Manganese	181.0000	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Mercury	0.0021	mg/kg	J
21-03-21724	MD21-03-50528	0–0.5	Soil	Nickel	2.1500	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Potassium	565.0000	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Selenium	0.5970	mg/kg	U
21-03-21724	MD21-03-50528	0–0.5	Soil	Silver	0.0265	mg/kg	J
21-03-21724	MD21-03-50528	0–0.5	Soil	Sodium	67.8000	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Strontium-90	0.1540	pCi/g	U
21-03-21724	MD21-03-50528	0–0.5	Soil	Thallium	0.0610	mg/kg	J
21-03-21724	MD21-03-50528	0–0.5	Soil	Vanadium	9.0000	mg/kg	None
21-03-21724	MD21-03-50528	0–0.5	Soil	Zinc	18.5000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Aluminum	8930.0000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Antimony	0.0798	mg/kg	J-
21-03-21725	MD21-03-50526	0–0.5	Soil	Arsenic	2.8600	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Barium	43.8000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Beryllium	0.5130	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Cadmium	0.5280	mg/kg	U
21-03-21725	MD21-03-50526	0–0.5	Soil	Calcium	1560.0000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Chromium	6.5300	mg/kg	J+
21-03-21725	MD21-03-50526	0–0.5	Soil	Cobalt	1.8500	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Copper	4.6000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Iron	8640.0000	mg/kg	J
21-03-21725	MD21-03-50526	0–0.5	Soil	Lead	16.2000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Magnesium	1240.0000	mg/kg	J+
21-03-21725	MD21-03-50526	0–0.5	Soil	Manganese	107.0000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Mercury	0.0246	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Nickel	4.8500	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Plutonium-238	0.0067	pCi/g	U
21-03-21725	MD21-03-50526	0–0.5	Soil	Plutonium-239	1.3900	pCi/g	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Potassium	1030.0000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Selenium	0.3290	mg/kg	J
21-03-21725	MD21-03-50526	0–0.5	Soil	Silver	0.0693	mg/kg	J
21-03-21725	MD21-03-50526	0–0.5	Soil	Sodium	59.1000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Strontium-90	0.0746	pCi/g	U
21-03-21725	MD21-03-50526	0–0.5	Soil	Thallium	0.1230	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Uranium-234	0.9100	pCi/g	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Uranium-235	0.0688	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21725	MD21-03-50526	0–0.5	Soil	Uranium-238	0.9170	pCi/g	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Vanadium	13.0000	mg/kg	None
21-03-21725	MD21-03-50526	0–0.5	Soil	Zinc	33.5000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Acenaphthene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Acenaphthylene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Acetone	0.0111	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Aluminum	8510.0000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Americium-241	0.0150	pCi/g	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Aniline	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Anthracene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Arsenic	3.0200	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Azobenzene	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Barium	81.4000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Benzene	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Benzo(a)anthracene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Benzo(a)pyrene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Benzo(b)fluoranthene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Benzo(g,h,i)perylene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Benzo(k)fluoranthene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Benzoic Acid	0.8450	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Benzyl Alcohol	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Beryllium	0.4370	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Bis(2-chloroethyl)ether	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.1860	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Bromobenzene	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Bromochloromethane	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Bromoform	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Bromomethane	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Butanone[2-]	0.0065	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Butylbenzylphthalate	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Cadmium	0.6050	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Calcium	2520.0000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Carbon Disulfide	0.0065	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.4220	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50524	0–0.5	Soil	Chloroaniline[4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chloroethane	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chloroform	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chloromethane	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chloronaphthalene[2-]	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chlorophenol[2-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Chromium	6.4500	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Chrysene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Cobalt	3.5900	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Copper	4.7000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Dibenz(a,h)anthracene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dibenzofuran	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dibromomethane	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichlorobenzene[1,2-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichlorobenzene[1,3-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichlorobenzene[1,4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloroethene[1,1-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichlorophenol[2,4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Diethylphthalate	0.4220	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50524	0–0.5	Soil	Dimethyl Phthalate	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dimethylphenol[2,4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Di-n-butylphthalate	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dinitrophenol[2,4-]	0.8450	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dinitrotoluene[2,4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Dinitrotoluene[2,6-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Di-n-octylphthalate	0.4220	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Fluoranthene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Fluorene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Hexachlorobenzene	0.4220	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Hexachlorobutadiene	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Hexachlorocyclopentadiene	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Hexachloroethane	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Hexanone[2-]	0.0065	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Iodomethane	0.0065	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Iron	9160.0000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Isophorone	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Isopropylbenzene	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Isopropyltoluene[4-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Lead	13.1000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Magnesium	1420.0000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Manganese	288.0000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Mercury	0.0146	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0065	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Methylene Chloride	0.0065	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Methylnaphthalene[2-]	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Methylphenol[2-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Methylphenol[4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Naphthalene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Nickel	4.5000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Nitroaniline[2-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Nitroaniline[3-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Nitroaniline[4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Nitrophenol[2-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Nitrophenol[4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Nitrosodimethylamine[N-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.4220	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50524	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Pentachlorophenol	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Phenanthrene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Phenol	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Plutonium-238	0.0065	pCi/g	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Plutonium-239	0.1640	pCi/g	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Potassium	1520.0000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Pyrene	0.0422	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Pyridine	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Selenium	0.4530	mg/kg	J
21-03-21726	MD21-03-50524	0–0.5	Soil	Silver	0.0542	mg/kg	J
21-03-21726	MD21-03-50524	0–0.5	Soil	Sodium	73.5000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Strontium-90	0.0589	pCi/g	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Styrene	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Thallium	0.0905	mg/kg	J
21-03-21726	MD21-03-50524	0–0.5	Soil	Thorium-228	1.3400	pCi/g	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Thorium-230	1.2200	pCi/g	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Thorium-232	0.8990	pCi/g	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Toluene	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0065	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.4220	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	Uj
21-03-21726	MD21-03-50524	0–0.5	Soil	Tritium	0.3069	pCi/g	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Uranium-234	0.7050	pCi/g	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Uranium-235	0.0786	pCi/g	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Uranium-238	0.8250	pCi/g	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Vanadium	14.8000	mg/kg	None
21-03-21726	MD21-03-50524	0–0.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50524	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0026	mg/kg	U
21-03-21726	MD21-03-50524	0–0.5	Soil	Zinc	24.4000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Acenaphthene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Acenaphthylene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Acetone	0.0078	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Aluminum	11940.0000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Americium-241	0.0016	pCi/g	U
21-03-21726	MD21-03-50525	2–3	Soil	Aniline	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Anthracene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Arsenic	3.2200	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Azobenzene	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Barium	94.7000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Benzene	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Benzo(a)anthracene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Benzo(a)pyrene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Benzo(b)fluoranthene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Benzo(g,h,i)perylene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Benzo(k)fluoranthene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Benzoic Acid	0.7050	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Benzyl Alcohol	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Beryllium	0.5320	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Bis(2-chloroethoxy)methane	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Bis(2-chloroethyl)ether	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.2220	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Bromobenzene	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Bromochloromethane	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Bromoform	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Bromomethane	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Bromophenyl-phenylether[4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Butanone[2-]	0.0060	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Butylbenzylphthalate	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Cadmium	0.5260	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Calcium	3030.0000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Carbon Disulfide	0.0060	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chloro-3-methylphenol[4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chloroaniline[4-]	0.3520	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50525	2–3	Soil	Chlorobenzene	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chloroethane	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chloroform	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chloromethane	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chloronaphthalene[2-]	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chlorophenol[2-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Chromium	11.3000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Chrysene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Cobalt	4.3700	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Copper	4.6300	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Dibenz(a,h)anthracene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dibenzofuran	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dibromomethane	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichlorobenzene[1,2-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichlorobenzene[1,3-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichlorobenzene[1,4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichlorophenol[2,4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Diethylphthalate	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dimethyl Phthalate	0.3520	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50525	2–3	Soil	Dimethylphenol[2,4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Di-n-butylphthalate	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dinitrophenol[2,4-]	0.7050	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dinitrotoluene[2,4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Dinitrotoluene[2,6-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Di-n-octylphthalate	0.3520	mg/kg	Uj
21-03-21726	MD21-03-50525	2–3	Soil	Ethylbenzene	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Fluoranthene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Fluorene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Hexachlorobenzene	0.3520	mg/kg	Uj
21-03-21726	MD21-03-50525	2–3	Soil	Hexachlorobutadiene	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Hexachlorocyclopentadiene	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Hexachloroethane	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Hexanone[2-]	0.0060	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Iodomethane	0.0060	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Iron	11630.0000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Isophorone	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Lead	13.5000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Magnesium	1980.0000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Manganese	279.0000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Mercury	0.0060	mg/kg	J
21-03-21726	MD21-03-50525	2–3	Soil	Methyl-2-pentanone[4-]	0.0060	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Methylene Chloride	0.0060	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Methylnaphthalene[2-]	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Methylphenol[2-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Methylphenol[4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Naphthalene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Nickel	5.1800	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Nitroaniline[2-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Nitroaniline[3-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Nitroaniline[4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Nitrophenol[2-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Nitrophenol[4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Nitrosodimethylamine[N-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Nitrosodiphenylamine[N-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3520	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50525	2–3	Soil	Pentachlorophenol	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Phenanthrene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Phenol	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Plutonium-238	0.0000	pCi/g	U
21-03-21726	MD21-03-50525	2–3	Soil	Plutonium-239	0.0498	pCi/g	None
21-03-21726	MD21-03-50525	2–3	Soil	Potassium	1590.0000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Pyrene	0.0352	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Pyridine	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Selenium	0.1930	mg/kg	J
21-03-21726	MD21-03-50525	2–3	Soil	Silver	0.0604	mg/kg	J
21-03-21726	MD21-03-50525	2–3	Soil	Sodium	118.0000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Strontium-90	0.0128	pCi/g	U
21-03-21726	MD21-03-50525	2–3	Soil	Styrene	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Thallium	0.1210	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Thorium-228	1.2300	pCi/g	None
21-03-21726	MD21-03-50525	2–3	Soil	Thorium-230	0.9810	pCi/g	None
21-03-21726	MD21-03-50525	2–3	Soil	Thorium-232	1.0500	pCi/g	None
21-03-21726	MD21-03-50525	2–3	Soil	Toluene	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0060	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trichloroethene	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trichlorophenol[2,4,5-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trichlorophenol[2,4,6-]	0.3520	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Tritium	0.0261	pCi/g	None
21-03-21726	MD21-03-50525	2–3	Soil	Uranium-234	0.7070	pCi/g	None
21-03-21726	MD21-03-50525	2–3	Soil	Uranium-235	0.0709	pCi/g	None
21-03-21726	MD21-03-50525	2–3	Soil	Uranium-238	0.7190	pCi/g	None
21-03-21726	MD21-03-50525	2–3	Soil	Vanadium	19.2000	mg/kg	None
21-03-21726	MD21-03-50525	2–3	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-03-21726	MD21-03-50525	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50525	2–3	Soil	Zinc	26.4000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Acenaphthene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Acenaphthylene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Acetone	0.0065	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Aluminum	11320.0000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Americium-241	0.0106	pCi/g	U
21-03-21726	MD21-03-50548	2–3	Soil	Aniline	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Anthracene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Arsenic	3.0900	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Azobenzene	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Barium	77.7000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Benzene	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Benzo(a)anthracene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Benzo(a)pyrene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Benzo(b)fluoranthene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Benzo(g,h,i)perylene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Benzo(k)fluoranthene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Benzoic Acid	0.6880	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Benzyl Alcohol	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Beryllium	0.4830	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Bis(2-chloroethoxy)methane	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Bis(2-chloroethyl)ether	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Bis(2-ethylhexyl)phthalate	3.0800	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Bromobenzene	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Bromochloromethane	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Bromoform	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Bromomethane	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Bromophenyl-phenylether[4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Butanone[2-]	0.0055	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Butylbenzylphthalate	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Cadmium	0.5100	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Calcium	2770.0000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Carbon Disulfide	0.0055	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chloro-3-methylphenol[4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chloroaniline[4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chlorobenzene	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50548	2–3	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chloroethane	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chloroform	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chloromethane	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chloronaphthalene[2-]	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chlorophenol[2-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Chromium	10.3000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Chrysene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Cobalt	3.6700	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Copper	4.6800	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Dibenz(a,h)anthracene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dibenzofuran	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dibromomethane	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichlorobenzene[1,2-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichlorobenzene[1,3-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichlorobenzene[1,4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloroethene[1,1-]	0.0024	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichlorophenol[2,4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Diethylphthalate	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dimethyl Phthalate	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dimethylphenol[2,4-]	0.3440	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50548	2–3	Soil	Di-n-butylphthalate	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dinitrophenol[2,4-]	0.6880	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dinitrotoluene[2,4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Dinitrotoluene[2,6-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Di-n-octylphthalate	0.3440	mg/kg	Uj
21-03-21726	MD21-03-50548	2–3	Soil	Ethylbenzene	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Fluoranthene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Fluorene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Hexachlorobenzene	0.3440	mg/kg	Uj
21-03-21726	MD21-03-50548	2–3	Soil	Hexachlorobutadiene	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Hexachlorocyclopentadiene	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Hexachloroethane	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Hexanone[2-]	0.0055	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Iodomethane	0.0055	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Iron	10830.0000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Isophorone	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Lead	20.7000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Magnesium	1830.0000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Manganese	273.0000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Mercury	0.0051	mg/kg	J
21-03-21726	MD21-03-50548	2–3	Soil	Methyl-2-pentanone[4-]	0.0055	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Methylene Chloride	0.0055	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Methylnaphthalene[2-]	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Methylphenol[2-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Methylphenol[4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Naphthalene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Nickel	5.1000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Nitroaniline[2-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Nitroaniline[3-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Nitroaniline[4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Nitrophenol[2-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Nitrophenol[4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Nitrosodimethylamine[N-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Nitrosodiphenylamine[N-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Pentachlorophenol	0.3440	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21726	MD21-03-50548	2–3	Soil	Phenanthrene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Phenol	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Plutonium-238	0.0015	pCi/g	U
21-03-21726	MD21-03-50548	2–3	Soil	Plutonium-239	0.0059	pCi/g	U
21-03-21726	MD21-03-50548	2–3	Soil	Potassium	1480.0000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Pyrene	0.0344	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Pyridine	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Selenium	0.5100	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Silver	0.0624	mg/kg	J
21-03-21726	MD21-03-50548	2–3	Soil	Sodium	121.0000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Strontium-90	0.0759	pCi/g	U
21-03-21726	MD21-03-50548	2–3	Soil	Styrene	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Thallium	0.1170	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Toluene	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0055	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trichloroethene	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trichlorophenol[2,4,5-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trichlorophenol[2,4,6-]	0.3440	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Tritium	0.0237	pCi/g	None
21-03-21726	MD21-03-50548	2–3	Soil	Uranium-234	0.6270	pCi/g	None
21-03-21726	MD21-03-50548	2–3	Soil	Uranium-235	0.0527	pCi/g	None
21-03-21726	MD21-03-50548	2–3	Soil	Uranium-238	0.5890	pCi/g	None
21-03-21726	MD21-03-50548	2–3	Soil	Vanadium	16.5000	mg/kg	None
21-03-21726	MD21-03-50548	2–3	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-03-21726	MD21-03-50548	2–3	Soil	Zinc	25.4000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Acenaphthene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Acenaphthylene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Acetone	0.0064	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50522	0–0.5	Soil	Aluminum	17490.0000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Americium-241	0.0000	pCi/g	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Aniline	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Anthracene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Arsenic	4.2100	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Azobenzene	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Barium	186.0000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Benzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Benzo(a)anthracene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Benzo(a)pyrene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Benzo(b)fluoranthene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Benzo(g,h,i)perylene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Benzo(k)fluoranthene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Benzoic Acid	0.7660	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Benzyl Alcohol	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Beryllium	0.7940	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.1430	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Bromobenzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Bromochloromethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Bromodichloromethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Bromoform	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Bromomethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Butanone[2-]	0.0046	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Butylbenzene[n-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Butylbenzene[sec-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Butylbenzene[tert-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Butylbenzylphthalate	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Cadmium	0.5670	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Calcium	3340.0000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Carbon Disulfide	0.0046	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Carbon Tetrachloride	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chloroaniline[4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chlorobenzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chlorodibromomethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chloroethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chloroform	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chloromethane	0.0009	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50522	0–0.5	Soil	Chloronaphthalene[2-]	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chlorophenol[2-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chlorotoluene[2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chlorotoluene[4-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Chromium	14.0000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Chrysene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Cobalt	7.5900	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Copper	8.5800	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Dibenz(a,h)anthracene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dibenzofuran	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dibromoethane[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dibromomethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichlorodifluoromethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloroethane[1,1-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloroethane[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloroethene[1,1-]	0.0008	mg/kg	J
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichlorophenol[2,4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloropropane[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloropropane[1,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloropropane[2,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloropropene[1,1-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Diethylphthalate	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dimethyl Phthalate	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dimethylphenol[2,4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Di-n-butylphthalate	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dinitrophenol[2,4-]	0.7660	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3830	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50522	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Di-n-octylphthalate	0.3830	mg/kg	Uj
21-03-21727	MD21-03-50522	0–0.5	Soil	Ethylbenzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Fluoranthene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Fluorene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Hexachlorobenzene	0.3830	mg/kg	Uj
21-03-21727	MD21-03-50522	0–0.5	Soil	Hexachlorobutadiene	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Hexachlorocyclopentadiene	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Hexachloroethane	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Hexanone[2-]	0.0046	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Iodomethane	0.0046	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Iron	16990.0000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Isophorone	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Isopropylbenzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Isopropyltoluene[4-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Lead	12.7000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Magnesium	3330.0000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Manganese	491.0000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Mercury	0.0157	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0046	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Methylene Chloride	0.0046	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Methylnaphthalene[2-]	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Methylphenol[2-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Methylphenol[4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Naphthalene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Nickel	8.2900	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Nitroaniline[2-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Nitroaniline[3-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Nitroaniline[4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Nitrophenol[2-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Nitrophenol[4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Pentachlorophenol	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Phenanthrene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Phenol	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Plutonium-238	0.0028	pCi/g	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Plutonium-239	0.0000	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50522	0–0.5	Soil	Potassium	1930.0000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Propylbenzene[1-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Pyrene	0.0383	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Pyridine	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Selenium	0.3270	mg/kg	J
21-03-21727	MD21-03-50522	0–0.5	Soil	Silver	0.0853	mg/kg	J
21-03-21727	MD21-03-50522	0–0.5	Soil	Sodium	110.0000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Strontium-90	-0.0793	pCi/g	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Styrene	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Tetrachloroethene	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Thallium	0.1950	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Thorium-228	1.4500	pCi/g	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Thorium-230	1.4500	pCi/g	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Thorium-232	1.1900	pCi/g	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Toluene	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0046	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trichloroethene	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trichlorofluoromethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3830	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Tritium	0.1990	pCi/g	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Uranium-234	0.8200	pCi/g	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Uranium-235	0.0569	pCi/g	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Uranium-238	0.8180	pCi/g	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Vanadium	32.6000	mg/kg	None
21-03-21727	MD21-03-50522	0–0.5	Soil	Vinyl Chloride	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Xylene[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0018	mg/kg	U
21-03-21727	MD21-03-50522	0–0.5	Soil	Zinc	32.7000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Acenaphthene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Acenaphthylene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Acetone	0.0088	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Aluminum	8970.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50523	2–3	Soil	Americium-241	0.0076	pCi/g	U
21-03-21727	MD21-03-50523	2–3	Soil	Aniline	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Anthracene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Arsenic	2.6100	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Azobenzene	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Barium	70.9000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Benzene	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Benzo(a)anthracene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Benzo(a)pyrene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Benzo(b)fluoranthene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Benzo(g,h,i)perylene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Benzo(k)fluoranthene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Benzoic Acid	0.6850	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Benzyl Alcohol	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Beryllium	0.4450	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Bis(2-chloroethoxy)methane	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Bis(2-chloroethyl)ether	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.6250	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Bromobenzene	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Bromochloromethane	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Bromoform	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Bromomethane	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Bromophenyl-phenylether[4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Butanone[2-]	0.0058	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Butylbenzylphthalate	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Cadmium	0.5130	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Calcium	2010.0000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Carbon Disulfide	0.0058	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chloro-3-methylphenol[4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chloroaniline[4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chlorobenzene	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chloroethane	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chloroform	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chloromethane	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chloronaphthalene[2-]	0.0342	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50523	2–3	Soil	Chlorophenol[2-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Chromium	12.6000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Chrysene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Cobalt	2.1100	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Copper	3.9000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Dibenz(a,h)anthracene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dibenzofuran	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dibromomethane	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichlorobenzene[1,2-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichlorobenzene[1,3-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichlorobenzene[1,4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloroethene[1,1-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichlorophenol[2,4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Diethylphthalate	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dimethyl Phthalate	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dimethylphenol[2,4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Di-n-butylphthalate	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dinitrophenol[2,4-]	0.6850	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dinitrotoluene[2,4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Dinitrotoluene[2,6-]	0.3420	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50523	2–3	Soil	Di-n-octylphthalate	0.3420	mg/kg	Uj
21-03-21727	MD21-03-50523	2–3	Soil	Ethylbenzene	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Fluoranthene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Fluorene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Hexachlorobenzene	0.3420	mg/kg	Uj
21-03-21727	MD21-03-50523	2–3	Soil	Hexachlorobutadiene	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Hexachlorocyclopentadiene	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Hexachloroethane	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Hexanone[2-]	0.0058	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Iodomethane	0.0058	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Iron	8740.0000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Isophorone	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Lead	7.1800	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Magnesium	1400.0000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Manganese	240.0000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Mercury	0.0160	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Methyl-2-pentanone[4-]	0.0058	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Methylene Chloride	0.0058	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Methylnaphthalene[2-]	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Methylphenol[2-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Methylphenol[4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Naphthalene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Nickel	5.0300	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Nitroaniline[2-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Nitroaniline[3-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Nitroaniline[4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Nitrophenol[2-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Nitrophenol[4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Nitrosodimethylamine[N-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Nitrosodiphenylamine[N-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Pentachlorophenol	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Phenanthrene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Phenol	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Plutonium-238	0.0000	pCi/g	U
21-03-21727	MD21-03-50523	2–3	Soil	Plutonium-239	0.0146	pCi/g	U
21-03-21727	MD21-03-50523	2–3	Soil	Potassium	863.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50523	2–3	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Pyrene	0.0342	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Pyridine	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Selenium	0.2440	mg/kg	J
21-03-21727	MD21-03-50523	2–3	Soil	Silver	0.0642	mg/kg	J
21-03-21727	MD21-03-50523	2–3	Soil	Sodium	184.0000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Strontium-90	0.0721	pCi/g	U
21-03-21727	MD21-03-50523	2–3	Soil	Styrene	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Thallium	0.0952	mg/kg	J
21-03-21727	MD21-03-50523	2–3	Soil	Thorium-228	1.3400	pCi/g	None
21-03-21727	MD21-03-50523	2–3	Soil	Thorium-230	1.1700	pCi/g	None
21-03-21727	MD21-03-50523	2–3	Soil	Thorium-232	1.1100	pCi/g	None
21-03-21727	MD21-03-50523	2–3	Soil	Toluene	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0058	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trichloroethene	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trichlorophenol[2,4,5-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trichlorophenol[2,4,6-]	0.3420	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Tritium	0.0245	pCi/g	None
21-03-21727	MD21-03-50523	2–3	Soil	Uranium-234	0.6280	pCi/g	None
21-03-21727	MD21-03-50523	2–3	Soil	Uranium-235	0.0844	pCi/g	None
21-03-21727	MD21-03-50523	2–3	Soil	Uranium-238	0.7010	pCi/g	None
21-03-21727	MD21-03-50523	2–3	Soil	Vanadium	11.6000	mg/kg	None
21-03-21727	MD21-03-50523	2–3	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-03-21727	MD21-03-50523	2–3	Soil	Zinc	35.8000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Acenaphthene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Acenaphthylene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Acetone	0.0056	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Aluminum	15500.0000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Americium-241	0.0152	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50536	0–0.5	Soil	Aniline	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Anthracene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Arsenic	3.6400	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Azobenzene	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Barium	167.0000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Benzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Benzo(a)anthracene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Benzo(a)pyrene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Benzo(b)fluoranthene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Benzo(g,h,i)perylene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Benzo(k)fluoranthene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Benzoic Acid	0.7620	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Benzyl Alcohol	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Beryllium	0.8830	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.2260	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Bromobenzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Bromochloromethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Bromodichloromethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Bromoform	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Bromomethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Butanone[2-]	0.0046	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Butylbenzene[n-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Butylbenzene[sec-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Butylbenzene[tert-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Butylbenzylphthalate	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Cadmium	0.5760	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Calcium	3560.0000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Carbon Disulfide	0.0046	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Carbon Tetrachloride	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chloroaniline[4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chlorobenzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chlorodibromomethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chloroethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chloroform	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chloromethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chloronaphthalene[2-]	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chlorophenol[2-]	0.3810	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50536	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chlorotoluene[2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chlorotoluene[4-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Chromium	12.5000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Chrysene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Cobalt	5.7700	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Copper	7.9200	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Dibenz(a,h)anthracene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dibenzofuran	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dibromoethane[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dibromomethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichlorodifluoromethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloroethane[1,1-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloroethane[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloroethene[1,1-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichlorophenol[2,4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloropropane[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloropropane[1,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloropropane[2,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloropropene[1,1-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Diethylphthalate	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dimethyl Phthalate	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dimethylphenol[2,4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Di-n-butylphthalate	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dinitrophenol[2,4-]	0.7620	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Di-n-octylphthalate	0.3810	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50536	0–0.5	Soil	Ethylbenzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Fluoranthene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Fluorene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Hexachlorobenzene	0.3810	mg/kg	Uj
21-03-21727	MD21-03-50536	0–0.5	Soil	Hexachlorobutadiene	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Hexachlorocyclopentadiene	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Hexachloroethane	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Hexanone[2-]	0.0046	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Iodomethane	0.0046	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Iron	15170.0000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Isophorone	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Isopropylbenzene	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Isopropyltoluene[4-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Lead	12.3000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Magnesium	2970.0000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Manganese	348.0000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Mercury	0.0141	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0046	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Methylene Chloride	0.0046	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Methylnaphthalene[2-]	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Methylphenol[2-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Methylphenol[4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Naphthalene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Nickel	9.9500	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Nitroaniline[2-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Nitroaniline[3-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Nitroaniline[4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Nitrophenol[2-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Nitrophenol[4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Pentachlorophenol	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Phenanthrene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Phenol	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Plutonium-238	0.0016	pCi/g	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Plutonium-239	0.0127	pCi/g	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Potassium	1760.0000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Propylbenzene[1-]	0.0009	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21727	MD21-03-50536	0–0.5	Soil	Pyrene	0.0381	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Pyridine	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Selenium	0.5760	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Silver	0.0878	mg/kg	J
21-03-21727	MD21-03-50536	0–0.5	Soil	Sodium	119.0000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Strontium-90	0.0574	pCi/g	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Styrene	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Tetrachloroethene	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Thallium	0.2090	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Toluene	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0046	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trichloroethene	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trichlorofluoromethane	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3810	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Tritium	0.1607	pCi/g	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Uranium-234	0.7620	pCi/g	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Uranium-235	0.0878	pCi/g	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Uranium-238	0.7680	pCi/g	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Vanadium	28.8000	mg/kg	None
21-03-21727	MD21-03-50536	0–0.5	Soil	Vinyl Chloride	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Xylene[1,2-]	0.0009	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0018	mg/kg	U
21-03-21727	MD21-03-50536	0–0.5	Soil	Zinc	30.1000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Acenaphthene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Acenaphthylene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Acetone	0.0094	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Aluminum	14050.0000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Americium-241	0.0115	pCi/g	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Aniline	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Anthracene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Arsenic	3.5000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Azobenzene	0.3710	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21728	MD21-03-50520	0–0.5	Soil	Barium	126.0000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Benzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Benzo(a)anthracene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Benzo(a)pyrene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Benzo(b)fluoranthene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Benzo(g,h,i)perylene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Benzo(k)fluoranthene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Benzoic Acid	0.7430	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Benzyl Alcohol	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Beryllium	0.6590	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	1.4000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Bromobenzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Bromochloromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Bromoform	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Bromomethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Butanone[2-]	0.0048	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Butylbenzylphthalate	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Cadmium	0.5180	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Calcium	3430.0000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Carbon Disulfide	0.0048	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chloroaniline[4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chlorobenzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chloroethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chloroform	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chloromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chloronaphthalene[2-]	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chlorophenol[2-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Chromium	9.8900	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21728	MD21-03-50520	0–0.5	Soil	Chrysene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Cobalt	5.1400	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Copper	6.4900	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Dibenz(a,h)anthracene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dibenzofuran	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dibromomethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichlorophenol[2,4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Diethylphthalate	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dimethyl Phthalate	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dimethylphenol[2,4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Di-n-butylphthalate	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dinitrophenol[2,4-]	0.7430	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Di-n-octylphthalate	0.3710	mg/kg	Uj
21-03-21728	MD21-03-50520	0–0.5	Soil	Ethylbenzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Fluoranthene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Fluorene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Hexachlorobenzene	0.3710	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21728	MD21-03-50520	0–0.5	Soil	Hexachlorobutadiene	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Hexachlorocyclopentadiene	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Hexachloroethane	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Hexanone[2-]	0.0048	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Iodomethane	0.0048	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Iron	13190.0000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Isophorone	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Lead	11.4000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Magnesium	2410.0000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Manganese	362.0000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Mercury	0.0069	mg/kg	J
21-03-21728	MD21-03-50520	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0048	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Methylene Chloride	0.0048	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Methylnaphthalene[2-]	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Methylphenol[2-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Methylphenol[4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Naphthalene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Nickel	6.9300	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Nitroaniline[2-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Nitroaniline[3-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Nitroaniline[4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Nitrophenol[2-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Nitrophenol[4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Pentachlorophenol	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Phenanthrene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Phenol	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Plutonium-238	0.0000	pCi/g	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Plutonium-239	0.0521	pCi/g	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Potassium	1600.0000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Pyrene	0.0371	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Pyridine	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Selenium	0.5180	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Silver	0.0735	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21728	MD21-03-50520	0–0.5	Soil	Sodium	105.0000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Strontium-90	-0.0769	pCi/g	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Styrene	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Thallium	0.1530	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Thorium-228	1.1300	pCi/g	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Thorium-230	0.8810	pCi/g	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Thorium-232	0.8110	pCi/g	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Toluene	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0048	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trichloroethene	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3710	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Tritium	0.1158	pCi/g	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Uranium-234	0.5690	pCi/g	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Uranium-235	0.0390	pCi/g	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Uranium-238	0.5330	pCi/g	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Vanadium	22.4000	mg/kg	None
21-03-21728	MD21-03-50520	0–0.5	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0019	mg/kg	U
21-03-21728	MD21-03-50520	0–0.5	Soil	Zinc	32.8000	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Acenaphthene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Acenaphthylene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Acetone	0.0119	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Aluminum	7980.0000	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Americium-241	0.0163	pCi/g	U
21-03-21728	MD21-03-50521	2–3	Soil	Aniline	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Anthracene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Arsenic	2.9800	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Azobenzene	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Barium	79.9000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21728	MD21-03-50521	2–3	Soil	Benzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Benzo(a)anthracene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Benzo(a)pyrene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Benzo(b)fluoranthene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Benzo(g,h,i)perylene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Benzo(k)fluoranthene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Benzoic Acid	0.6800	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Benzyl Alcohol	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Beryllium	0.5150	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Bis(2-chloroethoxy)methane	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Bis(2-chloroethyl)ether	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.0934	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Bromobenzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Bromochloromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Bromoform	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Bromomethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Bromophenyl-phenylether[4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Butanone[2-]	0.0051	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Butylbenzylphthalate	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Cadmium	0.5130	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Calcium	1740.0000	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Carbon Disulfide	0.0051	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chloro-3-methylphenol[4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chloroaniline[4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chlorobenzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chloroethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chloroform	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chloromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chloronaphthalene[2-]	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chlorophenol[2-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Chromium	10.7000	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Chrysene	0.0340	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21728	MD21-03-50521	2–3	Soil	Cobalt	2.4400	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Copper	5.2500	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Dibenz(a,h)anthracene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dibenzofuran	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dibromomethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichlorobenzene[1,2-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichlorobenzene[1,3-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichlorobenzene[1,4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloroethene[1,1-]	0.0014	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichlorophenol[2,4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Diethylphthalate	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dimethyl Phthalate	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dimethylphenol[2,4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Di-n-butylphthalate	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dinitrophenol[2,4-]	0.6800	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dinitrotoluene[2,4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Dinitrotoluene[2,6-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Di-n-octylphthalate	0.3400	mg/kg	Uj
21-03-21728	MD21-03-50521	2–3	Soil	Ethylbenzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Fluoranthene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Fluorene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Hexachlorobenzene	0.3400	mg/kg	Uj
21-03-21728	MD21-03-50521	2–3	Soil	Hexachlorobutadiene	0.3400	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21728	MD21-03-50521	2–3	Soil	Hexachlorocyclopentadiene	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Hexachloroethane	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Hexanone[2-]	0.0051	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Iodomethane	0.0051	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Iron	9220.0000	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Isophorone	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Lead	7.4700	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Magnesium	1400.0000	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Manganese	307.0000	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Mercury	0.0171	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Methyl-2-pentanone[4-]	0.0051	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Methylene Chloride	0.0051	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Methylnaphthalene[2-]	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Methylphenol[2-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Methylphenol[4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Naphthalene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Nickel	5.3100	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Nitroaniline[2-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Nitroaniline[3-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Nitroaniline[4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Nitrophenol[2-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Nitrophenol[4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Nitrosodimethylamine[N-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Nitrosodiphenylamine[N-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Pentachlorophenol	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Phenanthrene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Phenol	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Plutonium-238	0.0078	pCi/g	U
21-03-21728	MD21-03-50521	2–3	Soil	Plutonium-239	0.1050	pCi/g	None
21-03-21728	MD21-03-50521	2–3	Soil	Potassium	954.0000	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Pyrene	0.0340	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Pyridine	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Selenium	0.5130	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Silver	0.0579	mg/kg	J
21-03-21728	MD21-03-50521	2–3	Soil	Sodium	341.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21728	MD21-03-50521	2–3	Soil	Strontium-90	0.0853	pCi/g	U
21-03-21728	MD21-03-50521	2–3	Soil	Styrene	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Thallium	0.1050	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Thorium-228	1.5800	pCi/g	None
21-03-21728	MD21-03-50521	2–3	Soil	Thorium-230	0.9770	pCi/g	None
21-03-21728	MD21-03-50521	2–3	Soil	Thorium-232	1.2200	pCi/g	None
21-03-21728	MD21-03-50521	2–3	Soil	Toluene	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0051	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trichloroethene	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trichlorophenol[2,4,5-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trichlorophenol[2,4,6-]	0.3400	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Tritium	0.0137	pCi/g	None
21-03-21728	MD21-03-50521	2–3	Soil	Uranium-234	0.7070	pCi/g	None
21-03-21728	MD21-03-50521	2–3	Soil	Uranium-235	0.0448	pCi/g	None
21-03-21728	MD21-03-50521	2–3	Soil	Uranium-238	0.6370	pCi/g	None
21-03-21728	MD21-03-50521	2–3	Soil	Vanadium	12.3000	mg/kg	None
21-03-21728	MD21-03-50521	2–3	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0020	mg/kg	U
21-03-21728	MD21-03-50521	2–3	Soil	Zinc	34.2000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Acenaphthene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Acenaphthylene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Acetone	0.0080	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Aluminum	13030.0000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Americium-241	0.3660	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Aniline	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Anthracene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Arsenic	3.4300	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Azobenzene	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Barium	133.0000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Benzene	0.0009	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21729	MD21-03-50518	0–0.5	Soil	Benzo(a)anthracene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Benzo(a)pyrene	0.0349	mg/kg	Uj
21-03-21729	MD21-03-50518	0–0.5	Soil	Benzo(b)fluoranthene	0.0349	mg/kg	Uj
21-03-21729	MD21-03-50518	0–0.5	Soil	Benzo(g,h,i)perylene	0.0349	mg/kg	Uj
21-03-21729	MD21-03-50518	0–0.5	Soil	Benzo(k)fluoranthene	0.0349	mg/kg	Uj
21-03-21729	MD21-03-50518	0–0.5	Soil	Benzoic Acid	0.6990	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Benzyl Alcohol	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Beryllium	0.6070	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0937	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Bromobenzene	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Bromochloromethane	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Bromodichloromethane	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Bromoform	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Bromomethane	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Butanone[2-]	0.0045	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Butylbenzene[n-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Butylbenzene[sec-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Butylbenzene[tert-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Butylbenzylphthalate	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Cadmium	0.5230	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Calcium	3470.0000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Carbon Disulfide	0.0045	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Carbon Tetrachloride	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chloroaniline[4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chlorobenzene	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chlorodibromomethane	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chloroethane	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chloroform	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chloromethane	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chloronaphthalene[2-]	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chlorophenol[2-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chlorotoluene[2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chlorotoluene[4-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Chromium	7.8000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Chrysene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Cobalt	4.4800	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21729	MD21-03-50518	0–0.5	Soil	Copper	7.1700	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Dibenz(a,h)anthracene	0.0349	mg/kg	Uj
21-03-21729	MD21-03-50518	0–0.5	Soil	Dibenzofuran	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dibromoethane[1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dibromomethane	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichlorodifluoromethane	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloroethane[1,1-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloroethane[1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloroethene[1,1-]	0.0006	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichlorophenol[2,4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloropropane[1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloropropane[1,3-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloropropane[2,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloropropene[1,1-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Diethylphthalate	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dimethyl Phthalate	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dimethylphenol[2,4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Di-n-butylphthalate	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dinitrophenol[2,4-]	0.6990	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Di-n-octylphthalate	0.3490	mg/kg	Uj
21-03-21729	MD21-03-50518	0–0.5	Soil	Ethylbenzene	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Fluoranthene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Fluorene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Hexachlorobenzene	0.3490	mg/kg	Uj
21-03-21729	MD21-03-50518	0–0.5	Soil	Hexachlorobutadiene	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Hexachlorocyclopentadiene	0.3490	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21729	MD21-03-50518	0–0.5	Soil	Hexachloroethane	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Hexanone[2-]	0.0045	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0349	mg/kg	Uj
21-03-21729	MD21-03-50518	0–0.5	Soil	Iodomethane	0.0045	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Iron	12890.0000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Isophorone	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Isopropylbenzene	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Isopropyltoluene[4-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Lead	22.1000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Magnesium	2070.0000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Manganese	281.0000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Mercury	0.1700	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0045	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Methylene Chloride	0.0045	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Methylnaphthalene[2-]	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Methylphenol[2-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Methylphenol[4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Naphthalene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Nickel	6.4800	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Nitroaniline[2-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Nitroaniline[3-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Nitroaniline[4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Nitrophenol[2-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Nitrophenol[4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Pentachlorophenol	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Phenanthrene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Phenol	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Plutonium-238	0.0467	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Plutonium-239	4.7900	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Potassium	1530.0000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Propylbenzene[1-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Pyrene	0.0349	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Pyridine	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Selenium	0.2300	mg/kg	J
21-03-21729	MD21-03-50518	0–0.5	Soil	Silver	0.0787	mg/kg	J
21-03-21729	MD21-03-50518	0–0.5	Soil	Sodium	184.0000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Strontium-90	0.0302	pCi/g	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21729	MD21-03-50518	0–0.5	Soil	Styrene	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Tetrachloroethene	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Thallium	0.1610	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Thorium-228	1.1600	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Thorium-230	1.0100	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Thorium-232	0.9570	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Toluene	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0045	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trichloroethene	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trichlorofluoromethane	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3490	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Tritium	0.0911	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Uranium-234	0.5950	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Uranium-235	0.0399	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Uranium-238	0.6150	pCi/g	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Vanadium	21.6000	mg/kg	None
21-03-21729	MD21-03-50518	0–0.5	Soil	Vinyl Chloride	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Xylene[1,2-]	0.0009	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0018	mg/kg	U
21-03-21729	MD21-03-50518	0–0.5	Soil	Zinc	54.4000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Acenaphthene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Acenaphthylene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Acetone	0.0114	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Aluminum	12450.0000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Americium-241	0.0795	pCi/g	None
21-03-21729	MD21-03-50519	2–3	Soil	Aniline	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Anthracene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Arsenic	3.0400	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Azobenzene	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Barium	127.0000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Benzene	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Benzo(a)anthracene	0.0345	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21729	MD21-03-50519	2–3	Soil	Benzo(a)pyrene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Benzo(b)fluoranthene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Benzo(g,h,i)perylene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Benzo(k)fluoranthene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Benzoic Acid	0.6900	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Benzyl Alcohol	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Beryllium	0.6270	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Bis(2-chloroethoxy)methane	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Bis(2-chloroethyl)ether	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.1310	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Bromobenzene	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Bromochloromethane	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Bromoform	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Bromomethane	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Bromophenyl-phenylether[4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Butanone[2-]	0.0053	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Butylbenzylphthalate	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Cadmium	0.4730	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Calcium	3720.0000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Carbon Disulfide	0.0053	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chloro-3-methylphenol[4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chloroaniline[4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chlorobenzene	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chloroethane	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chloroform	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chloromethane	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chloronaphthalene[2-]	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chlorophenol[2-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Chromium	9.8100	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Chrysene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Cobalt	4.6100	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Copper	5.8600	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21729	MD21-03-50519	2–3	Soil	Dibenz(a,h)anthracene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dibenzofuran	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dibromomethane	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichlorobenzene[1,2-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichlorobenzene[1,3-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichlorobenzene[1,4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichlorophenol[2,4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Diethylphthalate	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dimethyl Phthalate	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dimethylphenol[2,4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Di-n-butylphthalate	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dinitrophenol[2,4-]	0.6900	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dinitrotoluene[2,4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Dinitrotoluene[2,6-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Di-n-octylphthalate	0.3450	mg/kg	Uj
21-03-21729	MD21-03-50519	2–3	Soil	Ethylbenzene	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Fluoranthene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Fluorene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Hexachlorobenzene	0.3450	mg/kg	Uj
21-03-21729	MD21-03-50519	2–3	Soil	Hexachlorobutadiene	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Hexachlorocyclopentadiene	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Hexachloroethane	0.3450	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21729	MD21-03-50519	2–3	Soil	Hexanone[2-]	0.0053	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Iodomethane	0.0053	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Iron	12390.0000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Isophorone	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Lead	11.7000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Magnesium	1900.0000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Manganese	288.0000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Mercury	0.0641	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Methyl-2-pentanone[4-]	0.0053	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Methylene Chloride	0.0053	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Methylnaphthalene[2-]	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Methylphenol[2-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Methylphenol[4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Naphthalene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Nickel	6.1600	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Nitroaniline[2-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Nitroaniline[3-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Nitroaniline[4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Nitrophenol[2-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Nitrophenol[4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Nitrosodimethylamine[N-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Nitrosodiphenylamine[N-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Pentachlorophenol	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Phenanthrene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Phenol	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Plutonium-238	0.0087	pCi/g	U
21-03-21729	MD21-03-50519	2–3	Soil	Plutonium-239	2.1800	pCi/g	None
21-03-21729	MD21-03-50519	2–3	Soil	Potassium	1250.0000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Pyrene	0.0345	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Pyridine	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Selenium	0.3960	mg/kg	J
21-03-21729	MD21-03-50519	2–3	Soil	Silver	0.0751	mg/kg	J
21-03-21729	MD21-03-50519	2–3	Soil	Sodium	366.0000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Strontium-90	0.0685	pCi/g	U
21-03-21729	MD21-03-50519	2–3	Soil	Styrene	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21729	MD21-03-50519	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Thallium	0.1570	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Thorium-228	1.4600	pCi/g	None
21-03-21729	MD21-03-50519	2–3	Soil	Thorium-230	1.2100	pCi/g	None
21-03-21729	MD21-03-50519	2–3	Soil	Thorium-232	1.4100	pCi/g	None
21-03-21729	MD21-03-50519	2–3	Soil	Toluene	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0053	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trichloroethene	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trichlorophenol[2,4,5-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trichlorophenol[2,4,6-]	0.3450	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Tritium	0.0640	pCi/g	None
21-03-21729	MD21-03-50519	2–3	Soil	Uranium-234	0.7130	pCi/g	None
21-03-21729	MD21-03-50519	2–3	Soil	Uranium-235	0.0461	pCi/g	None
21-03-21729	MD21-03-50519	2–3	Soil	Uranium-238	0.6020	pCi/g	None
21-03-21729	MD21-03-50519	2–3	Soil	Vanadium	19.0000	mg/kg	None
21-03-21729	MD21-03-50519	2–3	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0021	mg/kg	U
21-03-21729	MD21-03-50519	2–3	Soil	Zinc	39.1000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Acenaphthene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Acenaphthylene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Acetone	0.0130	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Aluminum	13910.0000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Americium-241	0.3700	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Aniline	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Anthracene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Arsenic	3.3800	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Azobenzene	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Barium	114.0000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Benzo(a)anthracene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Benzo(a)pyrene	0.0363	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21730	MD21-03-50516	0–0.5	Soil	Benzo(b)fluoranthene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Benzo(g,h,i)perylene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Benzo(k)fluoranthene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Benzoic Acid	0.7260	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Benzyl Alcohol	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Beryllium	0.7280	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0958	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Butanone[2-]	0.0057	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Butylbenzylphthalate	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Cadmium	0.5080	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Calcium	3310.0000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chloroaniline[4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chloronaphthalene[2-]	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chlorophenol[2-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Chromium	7.8200	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Chrysene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Cobalt	5.4000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Copper	6.6500	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Dibenz(a,h)anthracene	0.0363	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21730	MD21-03-50516	0–0.5	Soil	Dibenzofuran	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloroethene[1,1-]	0.0006	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichlorophenol[2,4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Diethylphthalate	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dimethyl Phthalate	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dimethylphenol[2,4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Di-n-butylphthalate	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dinitrophenol[2,4-]	0.7260	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Di-n-octylphthalate	0.3630	mg/kg	Uj
21-03-21730	MD21-03-50516	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Fluoranthene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Fluorene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Hexachlorobenzene	0.3630	mg/kg	Uj
21-03-21730	MD21-03-50516	0–0.5	Soil	Hexachlorobutadiene	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Hexachlorocyclopentadiene	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Hexachloroethane	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Hexanone[2-]	0.0057	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21730	MD21-03-50516	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Iodomethane	0.0057	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Iron	12750.0000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Isophorone	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Lead	12.4000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Magnesium	2050.0000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Manganese	285.0000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Mercury	0.5640	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0057	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Methylene Chloride	0.0057	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Methylnaphthalene[2-]	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Methylphenol[2-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Methylphenol[4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Naphthalene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Nickel	7.6800	mg/kg	J
21-03-21730	MD21-03-50516	0–0.5	Soil	Nitroaniline[2-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Nitroaniline[3-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Nitroaniline[4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Nitrophenol[2-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Nitrophenol[4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Pentachlorophenol	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Phenanthrene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Phenol	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Plutonium-238	0.0319	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Plutonium-239	3.1300	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Potassium	1240.0000	mg/kg	J
21-03-21730	MD21-03-50516	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Pyrene	0.0363	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Pyridine	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Selenium	0.1950	mg/kg	J
21-03-21730	MD21-03-50516	0–0.5	Soil	Silver	0.0907	mg/kg	J
21-03-21730	MD21-03-50516	0–0.5	Soil	Sodium	146.0000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Strontium-90	0.0369	pCi/g	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21730	MD21-03-50516	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Thallium	0.2380	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Thorium-228	0.9530	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Thorium-230	0.8530	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Thorium-232	0.6890	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3630	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Tritium	0.0959	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Uranium-234	0.5770	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Uranium-235	0.0429	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Uranium-238	0.5650	pCi/g	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Vanadium	20.7000	mg/kg	None
21-03-21730	MD21-03-50516	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-03-21730	MD21-03-50516	0–0.5	Soil	Zinc	46.5000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Acenaphthene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Acenaphthylene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Acetone	0.0109	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Aluminum	7360.0000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Americium-241	0.1710	pCi/g	None
21-03-21730	MD21-03-50517	2–3	Soil	Aniline	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Anthracene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Arsenic	2.6200	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Azobenzene	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Barium	65.8000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Benzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Benzo(a)anthracene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Benzo(a)pyrene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Benzo(b)fluoranthene	0.0341	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21730	MD21-03-50517	2–3	Soil	Benzo(g,h,i)perylene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Benzo(k)fluoranthene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Benzoic Acid	0.6820	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Benzyl Alcohol	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Beryllium	0.4420	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Bis(2-chloroethoxy)methane	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Bis(2-chloroethyl)ether	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.1430	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Bromobenzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Bromochloromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Bromoform	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Bromomethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Bromophenyl-phenylether[4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Butanone[2-]	0.0056	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Butylbenzylphthalate	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Cadmium	0.5010	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Calcium	1870.0000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Carbon Disulfide	0.0056	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chloro-3-methylphenol[4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chloroaniline[4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chlorobenzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chloroethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chloroform	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chloromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chloronaphthalene[2-]	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chlorophenol[2-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Chromium	9.7200	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Chrysene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Cobalt	2.3500	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Copper	3.5000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Dibenz(a,h)anthracene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dibenzofuran	0.3410	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21730	MD21-03-50517	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dibromomethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichlorobenzene[1,2-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichlorobenzene[1,3-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichlorobenzene[1,4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	J
21-03-21730	MD21-03-50517	2–3	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichlorophenol[2,4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Diethylphthalate	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dimethyl Phthalate	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dimethylphenol[2,4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Di-n-butylphthalate	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dinitrophenol[2,4-]	0.6820	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dinitrotoluene[2,4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Dinitrotoluene[2,6-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Di-n-octylphthalate	0.3410	mg/kg	Uj
21-03-21730	MD21-03-50517	2–3	Soil	Ethylbenzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Fluoranthene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Fluorene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Hexachlorobenzene	0.3410	mg/kg	Uj
21-03-21730	MD21-03-50517	2–3	Soil	Hexachlorobutadiene	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Hexachlorocyclopentadiene	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Hexachloroethane	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Hexanone[2-]	0.0056	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0341	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21730	MD21-03-50517	2–3	Soil	Iodomethane	0.0056	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Iron	8270.0000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Isophorone	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Lead	8.1400	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Magnesium	1190.0000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Manganese	261.0000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Mercury	0.1500	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Methyl-2-pentanone[4-]	0.0056	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Methylene Chloride	0.0056	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Methylnaphthalene[2-]	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Methylphenol[2-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Methylphenol[4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Naphthalene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Nickel	6.1600	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Nitroaniline[2-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Nitroaniline[3-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Nitroaniline[4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Nitrophenol[2-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Nitrophenol[4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Nitrosodimethylamine[N-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Nitrosodiphenylamine[N-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Pentachlorophenol	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Phenanthrene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Phenol	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Plutonium-238	0.0178	pCi/g	U
21-03-21730	MD21-03-50517	2–3	Soil	Plutonium-239	0.8880	pCi/g	None
21-03-21730	MD21-03-50517	2–3	Soil	Potassium	840.0000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Pyrene	0.0341	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Pyridine	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Selenium	0.5010	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Silver	0.0590	mg/kg	J
21-03-21730	MD21-03-50517	2–3	Soil	Sodium	370.0000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Strontium-90	-0.0259	pCi/g	U
21-03-21730	MD21-03-50517	2–3	Soil	Styrene	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-03-21730	MD21-03-50517	2–3	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Thallium	0.1090	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Thorium-228	1.4900	pCi/g	None
21-03-21730	MD21-03-50517	2–3	Soil	Thorium-230	0.9230	pCi/g	None
21-03-21730	MD21-03-50517	2–3	Soil	Thorium-232	1.2200	pCi/g	None
21-03-21730	MD21-03-50517	2–3	Soil	Toluene	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0056	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trichloroethene	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trichlorophenol[2,4,5-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trichlorophenol[2,4,6-]	0.3410	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Tritium	0.0348	pCi/g	None
21-03-21730	MD21-03-50517	2–3	Soil	Uranium-234	0.7950	pCi/g	None
21-03-21730	MD21-03-50517	2–3	Soil	Uranium-235	0.0698	pCi/g	None
21-03-21730	MD21-03-50517	2–3	Soil	Uranium-238	0.8130	pCi/g	None
21-03-21730	MD21-03-50517	2–3	Soil	Vanadium	10.8000	mg/kg	None
21-03-21730	MD21-03-50517	2–3	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0022	mg/kg	U
21-03-21730	MD21-03-50517	2–3	Soil	Zinc	35.1000	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Acenaphthene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Acenaphthylene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Acetone	0.0648	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Aluminum	21330.0000	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Americium-241	-0.0000	pCi/g	U
21-09008	MD21-03-50492	0–0.5	Soil	Aniline	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Anthracene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Arsenic	3.8500	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Azobenzene	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Barium	221.0000	mg/kg	J+
21-09008	MD21-03-50492	0–0.5	Soil	Benzene	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Benzo(a)anthracene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Benzo(a)pyrene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Benzo(b)fluoranthene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Benzo(g,h,i)perylene	0.0398	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09008	MD21-03-50492	0–0.5	Soil	Benzo(k)fluoranthene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Benzoic Acid	0.7970	mg/kg	Uj
21-09008	MD21-03-50492	0–0.5	Soil	Benzyl Alcohol	0.3980	mg/kg	Uj
21-09008	MD21-03-50492	0–0.5	Soil	Beryllium	1.0700	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0465	mg/kg	J
21-09008	MD21-03-50492	0–0.5	Soil	Bromobenzene	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Bromochloromethane	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Bromoform	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Bromomethane	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Butanone[2-]	0.0057	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Butylbenzylphthalate	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Cadmium	0.5470	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Calcium	5400.0000	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chloroaniline[4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chlorobenzene	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chloroethane	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chloroform	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chloromethane	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chloronaphthalene[2-]	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chlorophenol[2-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Chromium	13.4000	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Chrysene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Cobalt	7.2900	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Copper	8.2100	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Dibenz(a,h)anthracene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dibenzofuran	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09008	MD21-03-50492	0–0.5	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dibromomethane	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloroethene[1,1-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichlorophenol[2,4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Diethylphthalate	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dimethyl Phthalate	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dimethylphenol[2,4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Di-n-butylphthalate	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dinitrophenol[2,4-]	0.7970	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Di-n-octylphthalate	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Ethylbenzene	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Fluoranthene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Fluorene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Hexachlorobenzene	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Hexachlorobutadiene	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Hexachlorocyclopentadiene	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Hexachloroethane	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Hexanone[2-]	0.0057	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Iodomethane	0.0057	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09008	MD21-03-50492	0–0.5	Soil	Iron	15920.0000	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Isophorone	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Isopropylbenzene	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Isopropyltoluene[4-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Lead	21.3000	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Magnesium	3610.0000	mg/kg	J+
21-09008	MD21-03-50492	0–0.5	Soil	Manganese	437.0000	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Mercury	0.0329	mg/kg	J+
21-09008	MD21-03-50492	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0057	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Methylene Chloride	0.0057	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Methylnaphthalene[2-]	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Methylphenol[2-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Methylphenol[4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Naphthalene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Nickel	8.8300	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Nitroaniline[2-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Nitroaniline[3-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Nitroaniline[4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Nitrophenol[2-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Nitrophenol[4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Pentachlorophenol	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Phenanthrene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Phenol	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Plutonium-238	0.0065	pCi/g	U
21-09008	MD21-03-50492	0–0.5	Soil	Plutonium-239	0.0843	pCi/g	None
21-09008	MD21-03-50492	0–0.5	Soil	Potassium	2140.0000	mg/kg	J+
21-09008	MD21-03-50492	0–0.5	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Pyrene	0.0398	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Pyridine	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Selenium	0.5470	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Silver	0.1010	mg/kg	J
21-09008	MD21-03-50492	0–0.5	Soil	Sodium	105.0000	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Strontium-90	0.0414	pCi/g	U
21-09008	MD21-03-50492	0–0.5	Soil	Styrene	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Tetrachloroethene	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09008	MD21-03-50492	0–0.5	Soil	Thallium	0.2400	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Thorium-228	1.7800	pCi/g	None
21-09008	MD21-03-50492	0–0.5	Soil	Thorium-230	1.2200	pCi/g	None
21-09008	MD21-03-50492	0–0.5	Soil	Thorium-232	1.5300	pCi/g	None
21-09008	MD21-03-50492	0–0.5	Soil	Toluene	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trichloroethene	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3980	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Tritium	0.1167	pCi/g	None
21-09008	MD21-03-50492	0–0.5	Soil	Uranium-234	0.7210	pCi/g	None
21-09008	MD21-03-50492	0–0.5	Soil	Uranium-235	0.0675	pCi/g	None
21-09008	MD21-03-50492	0–0.5	Soil	Uranium-238	0.7140	pCi/g	None
21-09008	MD21-03-50492	0–0.5	Soil	Vanadium	26.7000	mg/kg	None
21-09008	MD21-03-50492	0–0.5	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-09008	MD21-03-50492	0–0.5	Soil	Zinc	69.8000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Acenaphthene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Acenaphthylene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Acetone	0.0445	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Aluminum	11360.0000	mg/kg	J+
21-09008	MD21-03-50493	2–3	Soil	Americium-241	0.0237	pCi/g	U
21-09008	MD21-03-50493	2–3	Soil	Aniline	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Anthracene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Antimony	0.4310	mg/kg	Uj
21-09008	MD21-03-50493	2–3	Soil	Arsenic	2.9000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Azobenzene	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Barium	80.2000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Benzene	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Benzo(a)anthracene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Benzo(a)pyrene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Benzo(b)fluoranthene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Benzo(g,h,i)perylene	0.0382	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09008	MD21-03-50493	2–3	Soil	Benzo(k)fluoranthene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Benzoic Acid	0.7640	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Benzyl Alcohol	0.3820	mg/kg	Uj
21-09008	MD21-03-50493	2–3	Soil	Beryllium	0.8250	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Bis(2-chloroethoxy)methane	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Bis(2-chloroethyl)ether	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.0640	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Bromobenzene	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Bromochloromethane	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Bromoform	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Bromomethane	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Bromophenyl-phenylether[4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Butanone[2-]	0.0060	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Butylbenzylphthalate	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Cadmium	0.5030	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Calcium	1950.0000	mg/kg	J+
21-09008	MD21-03-50493	2–3	Soil	Carbon Disulfide	0.0060	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chloro-3-methylphenol[4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chloroaniline[4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chlorobenzene	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chloroethane	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chloroform	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chloromethane	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chloronaphthalene[2-]	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chlorophenol[2-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Chromium	8.5800	mg/kg	J
21-09008	MD21-03-50493	2–3	Soil	Chrysene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Cobalt	3.0800	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Copper	4.9900	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Dibenz(a,h)anthracene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dibenzofuran	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09008	MD21-03-50493	2–3	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dibromomethane	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichlorobenzene[1,2-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichlorobenzene[1,3-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichlorobenzene[1,4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloroethene[1,1-]	0.0008	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichlorophenol[2,4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Diethylphthalate	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dimethyl Phthalate	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dimethylphenol[2,4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Di-n-butylphthalate	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dinitrophenol[2,4-]	0.7640	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dinitrotoluene[2,4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Dinitrotoluene[2,6-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Di-n-octylphthalate	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Ethylbenzene	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Fluoranthene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Fluorene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Hexachlorobenzene	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Hexachlorobutadiene	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Hexachlorocyclopentadiene	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Hexachloroethane	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Hexanone[2-]	0.0060	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Iodomethane	0.0060	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09008	MD21-03-50493	2–3	Soil	Iron	10710.0000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Isophorone	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Isopropyltoluene[4-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Lead	29.5000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Magnesium	1900.0000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Manganese	235.0000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Mercury	0.0387	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Methyl-2-pentanone[4-]	0.0060	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Methylene Chloride	0.0060	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Methylnaphthalene[2-]	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Methylphenol[2-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Methylphenol[4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Naphthalene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Nickel	7.5800	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Nitroaniline[2-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Nitroaniline[3-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Nitroaniline[4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Nitrophenol[2-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Nitrophenol[4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Nitrosodimethylamine[N-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Nitrosodiphenylamine[N-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Pentachlorophenol	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Phenanthrene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Phenol	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Plutonium-238	0.0057	pCi/g	U
21-09008	MD21-03-50493	2–3	Soil	Plutonium-239	0.1140	pCi/g	None
21-09008	MD21-03-50493	2–3	Soil	Potassium	1100.0000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Pyrene	0.0382	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Pyridine	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Selenium	0.7600	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Silver	0.0848	mg/kg	J
21-09008	MD21-03-50493	2–3	Soil	Sodium	95.1000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Strontium-90	0.0681	pCi/g	U
21-09008	MD21-03-50493	2–3	Soil	Styrene	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Tetrachloroethene	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09008	MD21-03-50493	2–3	Soil	Thallium	0.1830	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Thorium-228	1.6900	pCi/g	None
21-09008	MD21-03-50493	2–3	Soil	Thorium-230	1.2500	pCi/g	None
21-09008	MD21-03-50493	2–3	Soil	Thorium-232	1.3700	pCi/g	None
21-09008	MD21-03-50493	2–3	Soil	Toluene	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0060	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trichloroethene	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trichlorophenol[2,4,5-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trichlorophenol[2,4,6-]	0.3820	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Tritium	0.0264	pCi/g	None
21-09008	MD21-03-50493	2–3	Soil	Uranium-234	0.8500	pCi/g	None
21-09008	MD21-03-50493	2–3	Soil	Uranium-235	0.0254	pCi/g	U
21-09008	MD21-03-50493	2–3	Soil	Uranium-238	0.8760	pCi/g	None
21-09008	MD21-03-50493	2–3	Soil	Vanadium	15.3000	mg/kg	None
21-09008	MD21-03-50493	2–3	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-09008	MD21-03-50493	2–3	Soil	Zinc	31.5000	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Acenaphthene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Acenaphthylene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Acetone	0.0062	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Aluminum	6460.0000	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Americium-241	0.0653	pCi/g	None
21-09009	MD21-03-50494	0–0.5	Soil	Aniline	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Anthracene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Arsenic	1.8800	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Azobenzene	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Barium	94.0000	mg/kg	J-
21-09009	MD21-03-50494	0–0.5	Soil	Benzene	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Benzo(a)anthracene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Benzo(a)pyrene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Benzo(b)fluoranthene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Benzo(g,h,i)perylene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Benzo(k)fluoranthene	0.0352	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09009	MD21-03-50494	0–0.5	Soil	Benzoic Acid	0.7050	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Benzyl Alcohol	0.3520	mg/kg	Uj
21-09009	MD21-03-50494	0–0.5	Soil	Beryllium	0.3560	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Bromobenzene	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Bromochloromethane	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Bromoform	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Bromomethane	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Butanone[2-]	0.0051	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Butylbenzylphthalate	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Cadmium	0.1100	mg/kg	J
21-09009	MD21-03-50494	0–0.5	Soil	Calcium	1470.0000	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Carbon Disulfide	0.0051	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chloroaniline[4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chlorobenzene	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chloroethane	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chloroform	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chloromethane	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chloronaphthalene[2-]	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chlorophenol[2-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Chromium	6.4600	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Chrysene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Cobalt	2.9600	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Copper	6.3200	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Dibenz(a,h)anthracene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dibenzofuran	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09009	MD21-03-50494	0–0.5	Soil	Dibromomethane	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichlorophenol[2,4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Diethylphthalate	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dimethyl Phthalate	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dimethylphenol[2,4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Di-n-butylphthalate	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dinitrophenol[2,4-]	0.7050	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Di-n-octylphthalate	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Ethylbenzene	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Fluoranthene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Fluorene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Hexachlorobenzene	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Hexachlorobutadiene	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Hexachlorocyclopentadiene	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Hexachloroethane	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Hexanone[2-]	0.0051	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Iodomethane	0.0051	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Iron	8620.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09009	MD21-03-50494	0–0.5	Soil	Isophorone	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Lead	74.7000	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Magnesium	1200.0000	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Manganese	168.0000	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Mercury	0.0150	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0051	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Methylene Chloride	0.0051	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Methylnaphthalene[2-]	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Methylphenol[2-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Methylphenol[4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Naphthalene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Nickel	4.1700	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Nitroaniline[2-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Nitroaniline[3-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Nitroaniline[4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Nitrophenol[2-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Nitrophenol[4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Pentachlorophenol	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Phenanthrene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Phenol	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Plutonium-238	0.0036	pCi/g	U
21-09009	MD21-03-50494	0–0.5	Soil	Plutonium-239	1.1300	pCi/g	None
21-09009	MD21-03-50494	0–0.5	Soil	Potassium	873.0000	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Pyrene	0.0352	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Pyridine	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Selenium	0.4340	mg/kg	J
21-09009	MD21-03-50494	0–0.5	Soil	Silver	0.0538	mg/kg	J
21-09009	MD21-03-50494	0–0.5	Soil	Sodium	78.4000	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Strontium-90	0.0534	pCi/g	U
21-09009	MD21-03-50494	0–0.5	Soil	Styrene	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Thallium	0.0968	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09009	MD21-03-50494	0–0.5	Soil	Thorium-228	1.1200	pCi/g	None
21-09009	MD21-03-50494	0–0.5	Soil	Thorium-230	1.0700	pCi/g	None
21-09009	MD21-03-50494	0–0.5	Soil	Thorium-232	0.8810	pCi/g	None
21-09009	MD21-03-50494	0–0.5	Soil	Toluene	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0051	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trichloroethene	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3520	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Tritium	0.1370	pCi/g	None
21-09009	MD21-03-50494	0–0.5	Soil	Uranium-234	1.4300	pCi/g	None
21-09009	MD21-03-50494	0–0.5	Soil	Uranium-235	0.0505	pCi/g	None
21-09009	MD21-03-50494	0–0.5	Soil	Uranium-238	1.5200	pCi/g	None
21-09009	MD21-03-50494	0–0.5	Soil	Vanadium	17.1000	mg/kg	None
21-09009	MD21-03-50494	0–0.5	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0020	mg/kg	U
21-09009	MD21-03-50494	0–0.5	Soil	Zinc	27.7000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Acenaphthene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Acenaphthylene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Acetone	0.1000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Aluminum	2180.0000	mg/kg	J+
21-09009	MD21-03-50495	2–3	Soil	Americium-241	0.0676	pCi/g	U
21-09009	MD21-03-50495	2–3	Soil	Aniline	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Anthracene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Antimony	0.4010	mg/kg	Uj
21-09009	MD21-03-50495	2–3	Soil	Arsenic	2.1200	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Azobenzene	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Barium	61.4000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Benzene	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Benzo(a)anthracene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Benzo(a)pyrene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Benzo(b)fluoranthene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Benzo(g,h,i)perylene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Benzo(k)fluoranthene	0.0338	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09009	MD21-03-50495	2–3	Soil	Benzoic Acid	0.6760	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Benzyl Alcohol	0.3380	mg/kg	Uj
21-09009	MD21-03-50495	2–3	Soil	Beryllium	0.2910	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Bis(2-chloroethoxy)methane	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Bis(2-chloroethyl)ether	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.0618	mg/kg	J
21-09009	MD21-03-50495	2–3	Soil	Bromobenzene	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Bromochloromethane	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Bromodichloromethane	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Bromoform	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Bromomethane	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Bromophenyl-phenylether[4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Butanone[2-]	0.0060	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Butylbenzene[n-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Butylbenzene[sec-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Butylbenzene[tert-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Butylbenzylphthalate	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Cadmium	0.4730	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Calcium	345.0000	mg/kg	J+
21-09009	MD21-03-50495	2–3	Soil	Carbon Disulfide	0.0060	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Carbon Tetrachloride	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chloro-3-methylphenol[4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chloroaniline[4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chlorobenzene	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chlorodibromomethane	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chloroethane	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chloroform	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chloromethane	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chloronaphthalene[2-]	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chlorophenol[2-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chlorotoluene[2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chlorotoluene[4-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Chromium	8.0800	mg/kg	J
21-09009	MD21-03-50495	2–3	Soil	Chrysene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Cobalt	1.2000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Copper	2.7400	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Dibenz(a,h)anthracene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dibenzofuran	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dibromoethane[1,2-]	0.0012	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09009	MD21-03-50495	2–3	Soil	Dibromomethane	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichlorobenzene[1,2-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichlorobenzene[1,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichlorobenzene[1,3-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichlorobenzene[1,3-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichlorobenzene[1,4-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichlorobenzene[1,4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichlorodifluoromethane	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloroethane[1,1-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloroethane[1,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloroethene[1,1-]	0.0018	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Dichloroethene[cis-1,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloroethene[trans-1,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichlorophenol[2,4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloropropane[1,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloropropane[1,3-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloropropane[2,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloropropene[1,1-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloropropene[cis-1,3-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dichloropropene[trans-1,3-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Diethylphthalate	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dimethyl Phthalate	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dimethylphenol[2,4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Di-n-butylphthalate	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dinitrophenol[2,4-]	0.6760	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dinitrotoluene[2,4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Dinitrotoluene[2,6-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Di-n-octylphthalate	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Ethylbenzene	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Fluoranthene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Fluorene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Hexachlorobenzene	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Hexachlorobutadiene	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Hexachlorocyclopentadiene	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Hexachloroethane	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Hexanone[2-]	0.0060	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Iodomethane	0.0060	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Iron	5570.0000	mg/kg	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09009	MD21-03-50495	2–3	Soil	Isophorone	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Isopropylbenzene	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Isopropyltoluene[4-]	0.0018	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Lead	11.2000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Magnesium	348.0000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Manganese	458.0000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Mercury	0.0213	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Methyl-2-pentanone[4-]	0.0060	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Methylene Chloride	0.0060	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Methylnaphthalene[2-]	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Methylphenol[2-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Methylphenol[4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Naphthalene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Nickel	2.4500	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Nitroaniline[2-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Nitroaniline[3-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Nitroaniline[4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Nitrophenol[2-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Nitrophenol[4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Nitrosodimethylamine[N-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Nitrosodiphenylamine[N-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Pentachlorophenol	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Phenanthrene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Phenol	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Plutonium-238	0.0093	pCi/g	U
21-09009	MD21-03-50495	2–3	Soil	Plutonium-239	0.0403	pCi/g	U
21-09009	MD21-03-50495	2–3	Soil	Potassium	269.0000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Propylbenzene[1-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Pyrene	0.0338	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Pyridine	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Selenium	0.1920	mg/kg	J
21-09009	MD21-03-50495	2–3	Soil	Silver	0.0510	mg/kg	J
21-09009	MD21-03-50495	2–3	Soil	Sodium	99.0000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Strontium-90	0.0276	pCi/g	U
21-09009	MD21-03-50495	2–3	Soil	Styrene	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Tetrachloroethene	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Thallium	0.0692	mg/kg	J

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09009	MD21-03-50495	2–3	Soil	Thorium-228	1.5200	pCi/g	None
21-09009	MD21-03-50495	2–3	Soil	Thorium-230	1.3800	pCi/g	None
21-09009	MD21-03-50495	2–3	Soil	Thorium-232	1.2300	pCi/g	None
21-09009	MD21-03-50495	2–3	Soil	Toluene	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0060	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trichloroethane[1,1,1-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trichloroethane[1,1,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trichloroethene	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trichlorofluoromethane	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trichlorophenol[2,4,5-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trichlorophenol[2,4,6-]	0.3380	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trichloropropane[1,2,3-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Tritium	0.0107	pCi/g	None
21-09009	MD21-03-50495	2–3	Soil	Uranium-234	0.4550	pCi/g	None
21-09009	MD21-03-50495	2–3	Soil	Uranium-235	0.0754	pCi/g	U
21-09009	MD21-03-50495	2–3	Soil	Uranium-238	0.6010	pCi/g	None
21-09009	MD21-03-50495	2–3	Soil	Vanadium	4.9000	mg/kg	None
21-09009	MD21-03-50495	2–3	Soil	Vinyl Chloride	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Xylene[1,2-]	0.0012	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0024	mg/kg	U
21-09009	MD21-03-50495	2–3	Soil	Zinc	39.4000	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Acenaphthene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Acenaphthylene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Acetone	0.0714	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Aluminum	12180.0000	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Americium-241	0.0065	pCi/g	U
21-09010	MD21-03-50496	0–0.5	Soil	Aniline	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Anthracene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Arsenic	2.9200	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Azobenzene	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Barium	136.0000	mg/kg	J+
21-09010	MD21-03-50496	0–0.5	Soil	Benzene	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Benzo(a)anthracene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Benzo(a)pyrene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Benzo(b)fluoranthene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Benzo(g,h,i)perylene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Benzo(k)fluoranthene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Benzoic Acid	0.7670	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09010	MD21-03-50496	0–0.5	Soil	Benzyl Alcohol	0.3830	mg/kg	Uj
21-09010	MD21-03-50496	0–0.5	Soil	Beryllium	0.7020	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Bromobenzene	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Bromochloromethane	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Bromoform	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Bromomethane	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Butanone[2-]	0.0049	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Butylbenzene[n-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Butylbenzene[sec-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Butylbenzene[tert-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Butylbenzylphthalate	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Cadmium	0.5550	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Calcium	2100.0000	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Carbon Disulfide	0.0049	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chloroaniline[4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chlorobenzene	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chloroethane	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chloroform	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chloromethane	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chloronaphthalene[2-]	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chlorophenol[2-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chlorotoluene[2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chlorotoluene[4-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Chromium	10.1000	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Chrysene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Cobalt	5.4900	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Copper	6.8900	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Dibenz(a,h)anthracene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dibenzofuran	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dibromomethane	0.0010	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09010	MD21-03-50496	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichlorophenol[2,4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Diethylphthalate	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dimethyl Phthalate	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dimethylphenol[2,4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Di-n-butylphthalate	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dinitrophenol[2,4-]	0.7670	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Di-n-octylphthalate	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Ethylbenzene	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Fluoranthene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Fluorene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Hexachlorobenzene	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Hexachlorobutadiene	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Hexachlorocyclopentadiene	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Hexachloroethane	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Hexanone[2-]	0.0049	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Iodomethane	0.0049	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Iron	12270.0000	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Isophorone	0.3830	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09010	MD21-03-50496	0–0.5	Soil	Isopropylbenzene	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Lead	13.5000	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Magnesium	2280.0000	mg/kg	J+
21-09010	MD21-03-50496	0–0.5	Soil	Manganese	397.0000	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Mercury	0.0184	mg/kg	J+
21-09010	MD21-03-50496	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0049	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Methylene Chloride	0.0049	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Methylnaphthalene[2-]	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Methylphenol[2-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Methylphenol[4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Naphthalene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Nickel	7.1100	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Nitroaniline[2-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Nitroaniline[3-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Nitroaniline[4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Nitrophenol[2-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Nitrophenol[4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Pentachlorophenol	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Phenanthrene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Phenol	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Plutonium-238	0.0029	pCi/g	U
21-09010	MD21-03-50496	0–0.5	Soil	Plutonium-239	0.1470	pCi/g	None
21-09010	MD21-03-50496	0–0.5	Soil	Potassium	1580.0000	mg/kg	J+
21-09010	MD21-03-50496	0–0.5	Soil	Propylbenzene[1-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Pyrene	0.0383	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Pyridine	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Selenium	0.5550	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Silver	0.0696	mg/kg	J
21-09010	MD21-03-50496	0–0.5	Soil	Sodium	82.5000	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Strontium-90	2.9200	pCi/g	None
21-09010	MD21-03-50496	0–0.5	Soil	Styrene	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Thallium	0.1630	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Thorium-228	1.2400	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09010	MD21-03-50496	0–0.5	Soil	Thorium-230	1.1300	pCi/g	None
21-09010	MD21-03-50496	0–0.5	Soil	Thorium-232	1.1300	pCi/g	None
21-09010	MD21-03-50496	0–0.5	Soil	Toluene	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0049	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trichloroethene	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3830	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Tritium	0.1735	pCi/g	None
21-09010	MD21-03-50496	0–0.5	Soil	Uranium-234	0.9490	pCi/g	None
21-09010	MD21-03-50496	0–0.5	Soil	Uranium-235	0.0495	pCi/g	None
21-09010	MD21-03-50496	0–0.5	Soil	Uranium-238	0.9280	pCi/g	None
21-09010	MD21-03-50496	0–0.5	Soil	Vanadium	25.9000	mg/kg	None
21-09010	MD21-03-50496	0–0.5	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0019	mg/kg	U
21-09010	MD21-03-50496	0–0.5	Soil	Zinc	28.9000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Acenaphthene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Acenaphthylene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Acetone	0.0831	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Aluminum	14900.0000	mg/kg	J+
21-09010	MD21-03-50497	3.5–4.5	Soil	Americium-241	0.0473	pCi/g	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Aniline	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Anthracene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Antimony	0.4380	mg/kg	Uj
21-09010	MD21-03-50497	3.5–4.5	Soil	Arsenic	7.2700	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Azobenzene	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Barium	107.0000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Benzene	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Benzo(a)anthracene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Benzo(a)pyrene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Benzo(b)fluoranthene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Benzo(g,h,i)perylene	0.0602	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Benzo(k)fluoranthene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Benzoic Acid	0.7530	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09010	MD21-03-50497	3.5–4.5	Soil	Benzyl Alcohol	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Beryllium	1.8800	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Bis(2-chloroethoxy)methane	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Bis(2-chloroethyl)ether	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Bis(2-ethylhexyl)phthalate	0.1930	mg/kg	J
21-09010	MD21-03-50497	3.5–4.5	Soil	Bromobenzene	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Bromochloromethane	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Bromodichloromethane	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Bromoform	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Bromomethane	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Bromophenyl-phenylether[4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Butanone[2-]	0.0067	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Butylbenzene[n-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Butylbenzene[sec-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Butylbenzene[tert-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Butylbenzylphthalate	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Cadmium	0.5410	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Calcium	2900.0000	mg/kg	J+
21-09010	MD21-03-50497	3.5–4.5	Soil	Carbon Disulfide	0.0067	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Carbon Tetrachloride	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chloro-3-methylphenol[4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chloroaniline[4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chlorobenzene	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chlorodibromomethane	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chloroethane	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chloroform	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chloromethane	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chloronaphthalene[2-]	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chlorophenol[2-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chlorotoluene[2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chlorotoluene[4-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Chromium	25.8000	mg/kg	J
21-09010	MD21-03-50497	3.5–4.5	Soil	Chrysene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Cobalt	2.2100	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Copper	7.5200	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Dibenz(a,h)anthracene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dibenzofuran	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dibromoethane[1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dibromomethane	0.0013	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichlorobenzene[1,2-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichlorobenzene[1,3-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichlorobenzene[1,4-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichlorobenzidine[3,3'-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichlorodifluoromethane	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloroethane[1,1-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloroethane[1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloroethene[1,1-]	0.0008	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloroethene[cis-1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloroethene[trans-1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichlorophenol[2,4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloropropane[1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloropropane[1,3-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloropropane[2,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloropropene[1,1-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloropropene[cis-1,3-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dichloropropene[trans-1,3-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Diethylphthalate	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dimethyl Phthalate	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dimethylphenol[2,4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Di-n-butylphthalate	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dinitrophenol[2,4-]	0.7530	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dinitrotoluene[2,4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Dinitrotoluene[2,6-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Di-n-octylphthalate	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Ethylbenzene	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Fluoranthene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Fluorene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Hexachlorobenzene	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Hexachlorobutadiene	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Hexachlorocyclopentadiene	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Hexachloroethane	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Hexanone[2-]	0.0067	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Indeno(1,2,3-cd)pyrene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Iodomethane	0.0067	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Iron	11420.0000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Isophorone	0.3760	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09010	MD21-03-50497	3.5–4.5	Soil	Isopropylbenzene	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Isopropyltoluene[4-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Lead	12.4000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Magnesium	3160.0000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Manganese	145.0000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Mercury	0.0763	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Methyl-2-pentanone[4-]	0.0067	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Methylene Chloride	0.0067	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Methylnaphthalene[2-]	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Methylphenol[2-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Methylphenol[4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Naphthalene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Nickel	12.4000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Nitroaniline[2-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Nitroaniline[3-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Nitroaniline[4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Nitrophenol[2-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Nitrophenol[4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Nitrosodimethylamine[N-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Nitroso-di-n-propylamine[N-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Nitrosodiphenylamine[N-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Pentachlorophenol	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Phenanthrene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Phenol	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Plutonium-238	0.0000	pCi/g	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Plutonium-239	0.0122	pCi/g	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Potassium	1600.0000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Propylbenzene[1-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Pyrene	0.0376	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Pyridine	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Selenium	0.3450	mg/kg	J
21-09010	MD21-03-50497	3.5–4.5	Soil	Silver	0.1250	mg/kg	J
21-09010	MD21-03-50497	3.5–4.5	Soil	Sodium	167.0000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Strontium-90	0.1510	pCi/g	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Styrene	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Tetrachloroethene	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Thallium	0.2890	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Thorium-228	1.6300	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09010	MD21-03-50497	3.5–4.5	Soil	Thorium-230	1.3700	pCi/g	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Thorium-232	1.2800	pCi/g	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Toluene	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0067	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trichlorobenzene[1,2,4-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trichloroethane[1,1,1-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trichloroethane[1,1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trichloroethene	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trichlorofluoromethane	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trichlorophenol[2,4,5-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trichlorophenol[2,4,6-]	0.3760	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trichloropropane[1,2,3-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trimethylbenzene[1,2,4-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Trimethylbenzene[1,3,5-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Tritium	0.0334	pCi/g	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Uranium-234	0.6720	pCi/g	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Uranium-235	0.0058	pCi/g	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Uranium-238	0.8050	pCi/g	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Vanadium	17.4000	mg/kg	None
21-09010	MD21-03-50497	3.5–4.5	Soil	Vinyl Chloride	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Xylene[1,2-]	0.0013	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0027	mg/kg	U
21-09010	MD21-03-50497	3.5–4.5	Soil	Zinc	24.6000	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Acenaphthene	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Acenaphthylene	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Acetone	0.0053	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Aluminum	11400.0000	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Americium-241	0.8760	pCi/g	None
21-09011	MD21-03-50498	0–0.5	Soil	Aniline	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Anthracene	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Arsenic	2.6800	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Azobenzene	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Barium	143.0000	mg/kg	J+
21-09011	MD21-03-50498	0–0.5	Soil	Benzene	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Benzo(a)anthracene	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Benzo(a)pyrene	0.0380	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Benzo(b)fluoranthene	0.0380	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Benzo(g,h,i)perylene	0.0380	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Benzo(k)fluoranthene	0.0380	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Benzoic Acid	0.7600	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Benzyl Alcohol	0.3800	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09011	MD21-03-50498	0–0.5	Soil	Beryllium	0.8670	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Bis(2-chloroethyl)ether	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.0591	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Bromobenzene	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Bromochloromethane	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Bromodichloromethane	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Bromoform	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Bromomethane	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Butanone[2-]	0.0053	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Butylbenzene[n-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Butylbenzene[sec-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Butylbenzene[tert-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Butylbenzylphthalate	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Cadmium	0.0605	mg/kg	J
21-09011	MD21-03-50498	0–0.5	Soil	Calcium	2200.0000	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Carbon Disulfide	0.0053	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Carbon Tetrachloride	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chloroaniline[4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chlorobenzene	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chlorodibromomethane	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chloroethane	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chloroform	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chloromethane	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chloronaphthalene[2-]	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chlorophenol[2-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Chlorotoluene[2-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Chlorotoluene[4-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Chromium	9.8600	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Chrysene	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Cobalt	5.5700	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Copper	7.3100	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Dibenz(a,h)anthracene	0.0380	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Dibenzofuran	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Dibromoethane[1,2-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dibromomethane	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichlorobenzene[1,2-]	0.0010	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09011	MD21-03-50498	0–0.5	Soil	Dichlorobenzene[1,2-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichlorobenzene[1,3-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Dichlorobenzene[1,3-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichlorobenzene[1,4-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Dichlorobenzene[1,4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichlorodifluoromethane	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloroethane[1,1-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloroethane[1,2-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloroethene[1,1-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloroethene[cis-1,2-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloroethene[trans-1,2-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichlorophenol[2,4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloropropane[1,2-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloropropane[1,3-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloropropane[2,2-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloropropene[1,1-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Diethylphthalate	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dimethyl Phthalate	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dimethylphenol[2,4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Di-n-butylphthalate	0.0484	mg/kg	J
21-09011	MD21-03-50498	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dinitrophenol[2,4-]	0.7600	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dinitrotoluene[2,4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Dinitrotoluene[2,6-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Di-n-octylphthalate	0.3800	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Ethylbenzene	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Fluoranthene	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Fluorene	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Hexachlorobenzene	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Hexachlorobutadiene	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Hexachlorocyclopentadiene	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Hexachloroethane	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Hexanone[2-]	0.0053	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.0380	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Iodomethane	0.0053	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Iron	11630.0000	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Isophorone	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Isopropylbenzene	0.0010	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09011	MD21-03-50498	0–0.5	Soil	Isopropyltoluene[4-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Lead	17.3000	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Magnesium	2250.0000	mg/kg	J+
21-09011	MD21-03-50498	0–0.5	Soil	Manganese	406.0000	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Mercury	0.0254	mg/kg	J+
21-09011	MD21-03-50498	0–0.5	Soil	Methyl-2-pentanone[4-]	0.0053	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Methylene Chloride	0.0053	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Methylnaphthalene[2-]	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Methylphenol[2-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Methylphenol[4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Naphthalene	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Nickel	9.3700	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Nitroaniline[2-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Nitroaniline[3-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Nitroaniline[4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Nitrophenol[2-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Nitrophenol[4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Nitrosodimethylamine[N-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Pentachlorophenol	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Phenanthrene	0.0380	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Phenol	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Plutonium-238	0.0034	pCi/g	U
21-09011	MD21-03-50498	0–0.5	Soil	Plutonium-239	1.2800	pCi/g	None
21-09011	MD21-03-50498	0–0.5	Soil	Potassium	1420.0000	mg/kg	J+
21-09011	MD21-03-50498	0–0.5	Soil	Propylbenzene[1-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Pyrene	0.0206	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Pyridine	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Selenium	0.3370	mg/kg	J
21-09011	MD21-03-50498	0–0.5	Soil	Silver	0.0819	mg/kg	J
21-09011	MD21-03-50498	0–0.5	Soil	Sodium	94.9000	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Strontium-90	0.0978	pCi/g	U
21-09011	MD21-03-50498	0–0.5	Soil	Styrene	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Tetrachloroethane[1,1,1,2-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Tetrachloroethene	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Thallium	0.1950	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Thorium-228	1.3300	pCi/g	None
21-09011	MD21-03-50498	0–0.5	Soil	Thorium-230	1.2900	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09011	MD21-03-50498	0–0.5	Soil	Thorium-232	1.0300	pCi/g	None
21-09011	MD21-03-50498	0–0.5	Soil	Toluene	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0053	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Trichloroethane[1,1,1-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Trichloroethane[1,1,2-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Trichloroethene	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Trichlorofluoromethane	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.3800	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Trichloropropane[1,2,3-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Trimethylbenzene[1,2,4-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Trimethylbenzene[1,3,5-]	0.0010	mg/kg	Uj
21-09011	MD21-03-50498	0–0.5	Soil	Tritium	0.1409	pCi/g	None
21-09011	MD21-03-50498	0–0.5	Soil	Uranium-234	0.9310	pCi/g	None
21-09011	MD21-03-50498	0–0.5	Soil	Uranium-235	0.0382	pCi/g	None
21-09011	MD21-03-50498	0–0.5	Soil	Uranium-238	0.7680	pCi/g	None
21-09011	MD21-03-50498	0–0.5	Soil	Vanadium	25.6000	mg/kg	None
21-09011	MD21-03-50498	0–0.5	Soil	Vinyl Chloride	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Xylene[1,2-]	0.0010	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0021	mg/kg	U
21-09011	MD21-03-50498	0–0.5	Soil	Zinc	29.3000	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Acenaphthene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Acenaphthylene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Acetone	0.0768	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Aluminum	3160.0000	mg/kg	J+
21-09011	MD21-03-50499	2–3	Soil	Americium-241	0.0531	pCi/g	U
21-09011	MD21-03-50499	2–3	Soil	Aniline	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Anthracene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Antimony	0.3990	mg/kg	Uj
21-09011	MD21-03-50499	2–3	Soil	Arsenic	2.5000	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Azobenzene	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Barium	71.6000	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Benzene	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Benzo(a)anthracene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Benzo(a)pyrene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Benzo(b)fluoranthene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Benzo(g,h,i)perylene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Benzo(k)fluoranthene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Benzoic Acid	0.6700	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Benzyl Alcohol	0.3350	mg/kg	Uj

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09011	MD21-03-50499	2–3	Soil	Beryllium	0.2450	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Bis(2-chloroethoxy)methane	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Bis(2-chloroethyl)ether	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Bis(2-ethylhexyl)phthalate	0.0455	mg/kg	J
21-09011	MD21-03-50499	2–3	Soil	Bromobenzene	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Bromochloromethane	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Bromodichloromethane	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Bromoform	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Bromomethane	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Bromophenyl-phenylether[4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Butanone[2-]	0.0057	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Butylbenzene[n-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Butylbenzene[sec-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Butylbenzene[tert-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Butylbenzylphthalate	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Cadmium	0.4670	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Calcium	533.0000	mg/kg	J+
21-09011	MD21-03-50499	2–3	Soil	Carbon Disulfide	0.0057	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Carbon Tetrachloride	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chloro-3-methylphenol[4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chloroaniline[4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chlorobenzene	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chlorodibromomethane	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chloroethane	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chloroform	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chloromethane	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chloronaphthalene[2-]	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chlorophenol[2-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chlorophenyl-phenyl[4-] Ether	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chlorotoluene[2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chlorotoluene[4-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Chromium	13.1000	mg/kg	J
21-09011	MD21-03-50499	2–3	Soil	Chrysene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Cobalt	2.7400	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Copper	2.8000	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Dibenz(a,h)anthracene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dibenzofuran	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dibromo-3-Chloropropane[1,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dibromoethane[1,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dibromomethane	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichlorobenzene[1,2-]	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09011	MD21-03-50499	2–3	Soil	Dichlorobenzene[1,2-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichlorobenzene[1,3-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichlorobenzene[1,3-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichlorobenzene[1,4-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichlorobenzene[1,4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichlorobenzidine[3,3'-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichlorodifluoromethane	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloroethane[1,1-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloroethane[1,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloroethene[1,1-]	0.0016	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloroethene[cis-1,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloroethene[trans-1,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichlorophenol[2,4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloropropane[1,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloropropane[1,3-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloropropane[2,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloropropene[1,1-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloropropene[cis-1,3-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dichloropropene[trans-1,3-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Diethylphthalate	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dimethyl Phthalate	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dimethylphenol[2,4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Di-n-butylphthalate	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dinitro-2-methylphenol[4,6-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dinitrophenol[2,4-]	0.6700	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dinitrotoluene[2,4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Dinitrotoluene[2,6-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Di-n-octylphthalate	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Ethylbenzene	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Fluoranthene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Fluorene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Hexachlorobenzene	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Hexachlorobutadiene	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Hexachlorocyclopentadiene	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Hexachloroethane	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Hexanone[2-]	0.0057	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Indeno(1,2,3-cd)pyrene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Iodomethane	0.0057	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Iron	6060.0000	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Isophorone	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Isopropylbenzene	0.0011	mg/kg	U

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09011	MD21-03-50499	2–3	Soil	Isopropyltoluene[4-]	0.0038	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Lead	7.7500	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Magnesium	956.0000	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Manganese	507.0000	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Mercury	0.0207	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Methyl-2-pentanone[4-]	0.0057	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Methylene Chloride	0.0057	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Methylnaphthalene[2-]	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Methylphenol[2-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Methylphenol[4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Naphthalene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Nickel	3.9900	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Nitroaniline[2-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Nitroaniline[3-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Nitroaniline[4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Nitrophenol[2-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Nitrophenol[4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Nitrosodimethylamine[N-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Nitroso-di-n-propylamine[N-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Nitrosodiphenylamine[N-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Oxybis(1-chloropropane)[2,2'-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Pentachlorophenol	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Phenanthrene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Phenol	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Plutonium-238	0.0029	pCi/g	U
21-09011	MD21-03-50499	2–3	Soil	Plutonium-239	0.1120	pCi/g	None
21-09011	MD21-03-50499	2–3	Soil	Potassium	645.0000	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Propylbenzene[1-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Pyrene	0.0335	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Pyridine	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Selenium	0.4090	mg/kg	J
21-09011	MD21-03-50499	2–3	Soil	Silver	0.0577	mg/kg	J
21-09011	MD21-03-50499	2–3	Soil	Sodium	126.0000	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Strontium-90	0.0737	pCi/g	U
21-09011	MD21-03-50499	2–3	Soil	Styrene	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Tetrachloroethane[1,1,1,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Tetrachloroethane[1,1,2,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Tetrachloroethene	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Thallium	0.0838	mg/kg	J
21-09011	MD21-03-50499	2–3	Soil	Thorium-228	1.3200	pCi/g	None
21-09011	MD21-03-50499	2–3	Soil	Thorium-230	1.2500	pCi/g	None

Table D-2.0-1 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report qualifier
21-09011	MD21-03-50499	2–3	Soil	Thorium-232	1.1000	pCi/g	None
21-09011	MD21-03-50499	2–3	Soil	Toluene	0.0006	mg/kg	J
21-09011	MD21-03-50499	2–3	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.0057	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trichlorobenzene[1,2,4-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trichloroethane[1,1,1-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trichloroethane[1,1,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trichloroethene	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trichlorofluoromethane	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trichlorophenol[2,4,5-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trichlorophenol[2,4,6-]	0.3350	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trichloropropane[1,2,3-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trimethylbenzene[1,2,4-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Trimethylbenzene[1,3,5-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Tritium	0.0188	pCi/g	None
21-09011	MD21-03-50499	2–3	Soil	Uranium-234	0.5980	pCi/g	None
21-09011	MD21-03-50499	2–3	Soil	Uranium-235	0.0084	pCi/g	U
21-09011	MD21-03-50499	2–3	Soil	Uranium-238	0.5860	pCi/g	None
21-09011	MD21-03-50499	2–3	Soil	Vanadium	7.5500	mg/kg	None
21-09011	MD21-03-50499	2–3	Soil	Vinyl Chloride	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Xylene[1,2-]	0.0011	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Xylene[1,3-]+Xylene[1,4-]	0.0023	mg/kg	U
21-09011	MD21-03-50499	2–3	Soil	Zinc	58.7000	mg/kg	None

Table D-2.0-2
Analytical Results for SWMU 21-013(d)-99 from Previous Investigations

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01920	AAB7150	0–2.5	Soil	Acenaphthene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Acenaphthylene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Acetone	0.021	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Aluminum	11700.000	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Americium-241	0.233	pCi/g	U
21-01920	AAB7150	0–2.5	Soil	Aniline	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Anthracene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Antimony	0.270	mg/kg	Uj
21-01920	AAB7150	0–2.5	Soil	Arsenic	2.700	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Azobenzene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Barium	152.000	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Benzo(a)anthracene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Benzo(a)pyrene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Benzo(b)fluoranthene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Benzo(g,h,i)perylene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Benzo(k)fluoranthene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Benzoic Acid	1.700	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Benzyl Alcohol	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Beryllium	0.930	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Bis(2-chloroethyl)ether	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Bromomethane	0.011	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Butylbenzylphthalate	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Cadmium	0.060	mg/kg	Uj
21-01920	AAB7150	0–2.5	Soil	Calcium	8970.000	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01920	AAB7150	0–2.5	Soil	Chloroaniline[4-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chloroethane	0.011	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chloromethane	0.011	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chloronaphthalene[2-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chlorophenol[2-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Chromium	7.100	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Chrysene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Cobalt	2.100	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Copper	0.080	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dibenz(a,h)anthracene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dibenzofuran	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.011	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichlorobenzene[1,2-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichlorobenzene[1,3-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichlorobenzene[1,4-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichlorophenol[2,4-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Diethylphthalate	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dimethyl Phthalate	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01920	AAB7150	0–2.5	Soil	Dimethylphenol[2,4-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Di-n-butylphthalate	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.840	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dinitrophenol[2,4-]	0.840	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dinitrotoluene[2,4-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Dinitrotoluene[2,6-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Di-n-octylphthalate	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Fluoranthene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Fluorene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Hexachlorobenzene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Hexachlorobutadiene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Hexachlorocyclopentadiene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Hexachloroethane	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Iron	9550.000	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Isophorone	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Lead	6.100	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Magnesium	2000.000	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Manganese	289.000	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Mercury	0.080	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Methylnaphthalene[2-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Methylphenol[2-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Methylphenol[4-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Naphthalene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Nickel	8.700	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Nitroaniline[2-]	0.840	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Nitroaniline[3-]	0.840	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Nitroaniline[4-]	0.840	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Nitrobenzene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Nitrophenol[2-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Nitrophenol[4-]	0.840	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Nitrosodimethylamine[N-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01920	AAB7150	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Pentachlorophenol	0.840	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Phenanthrene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Phenol	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Plutonium-238	0.001	pCi/g	U
21-01920	AAB7150	0–2.5	Soil	Plutonium-239	0.001	pCi/g	U
21-01920	AAB7150	0–2.5	Soil	Potassium	1110.000	mg/kg	J
21-01920	AAB7150	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Pyrene	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Selenium	0.550	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Silver	0.650	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Strontium-90	0.160	pCi/g	U
21-01920	AAB7150	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Thallium	0.620	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.840	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.350	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Tritium	0.031	pCi/g	U
21-01920	AAB7150	0–2.5	Soil	Uranium	2.140	mg/kg	J
21-01920	AAB7150	0–2.5	Soil	Vanadium	11.900	mg/kg	None
21-01920	AAB7150	0–2.5	Soil	Vinyl Chloride	0.011	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01920	AAB7150	0–2.5	Soil	Zinc	22.500	mg/kg	J
21-01921	AAB7154	0–2.5	Soil	Acenaphthene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Acenaphthylene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Acetone	0.021	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Aluminum	2040.000	mg/kg	None
21-01921	AAB7154	0–2.5	Soil	Americium-241	0.175	pCi/g	U
21-01921	AAB7154	0–2.5	Soil	Aniline	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01921	AAB7154	0–2.5	Soil	Anthracene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Antimony	0.280	mg/kg	Uj
21-01921	AAB7154	0–2.5	Soil	Arsenic	2.300	mg/kg	None
21-01921	AAB7154	0–2.5	Soil	Azobenzene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Barium	14.000	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Benzo(a)anthracene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Benzo(a)pyrene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Benzo(b)fluoranthene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Benzo(g,h,i)perylene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Benzo(k)fluoranthene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Benzoic Acid	1.700	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Benzyl Alcohol	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Beryllium	0.260	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Bis(2-chloroethyl)ether	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Bromomethane	0.011	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Butylbenzylphthalate	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Cadmium	0.060	mg/kg	Uj
21-01921	AAB7154	0–2.5	Soil	Calcium	422.000	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chloroaniline[4-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chloroethane	0.011	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chloromethane	0.011	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chloronaphthalene[2-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chlorophenol[2-]	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01921	AAB7154	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Chromium	2.900	mg/kg	None
21-01921	AAB7154	0–2.5	Soil	Chrysene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Cobalt	0.200	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Copper	0.080	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dibenz(a,h)anthracene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dibenzofuran	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.011	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichlorobenzene[1,2-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichlorobenzene[1,3-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichlorobenzene[1,4-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichlorophenol[2,4-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Diethylphthalate	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dimethyl Phthalate	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dimethylphenol[2,4-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Di-n-butylphthalate	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.850	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dinitrophenol[2,4-]	0.850	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dinitrotoluene[2,4-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Dinitrotoluene[2,6-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Di-n-octylphthalate	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01921	AAB7154	0–2.5	Soil	Fluoranthene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Fluorene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Hexachlorobenzene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Hexachlorobutadiene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Hexachlorocyclopentadiene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Hexachloroethane	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Iron	3120.000	mg/kg	None
21-01921	AAB7154	0–2.5	Soil	Isophorone	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Lead	11.000	mg/kg	None
21-01921	AAB7154	0–2.5	Soil	Magnesium	442.000	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Manganese	189.000	mg/kg	None
21-01921	AAB7154	0–2.5	Soil	Mercury	0.110	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Methylnaphthalene[2-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Methylphenol[2-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Methylphenol[4-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Naphthalene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nickel	2.200	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nitroaniline[2-]	0.850	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nitroaniline[3-]	0.850	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nitroaniline[4-]	0.850	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nitrobenzene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nitrophenol[2-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nitrophenol[4-]	0.850	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nitrosodimethylamine[N-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Pentachlorophenol	0.850	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Phenanthrene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Phenol	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Plutonium-238	0.001	pCi/g	U
21-01921	AAB7154	0–2.5	Soil	Plutonium-239	0.005	pCi/g	U
21-01921	AAB7154	0–2.5	Soil	Potassium	265.000	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01921	AAB7154	0–2.5	Soil	Pyrene	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Selenium	0.550	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Silver	0.110	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Strontium-90	0.160	pCi/g	U
21-01921	AAB7154	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Thallium	0.660	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.850	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.350	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Tritium	0.036	pCi/g	U
21-01921	AAB7154	0–2.5	Soil	Uranium	1.310	mg/kg	J
21-01921	AAB7154	0–2.5	Soil	Vanadium	2.400	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Vinyl Chloride	0.011	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01921	AAB7154	0–2.5	Soil	Zinc	20.200	mg/kg	J
21-01922	AAB7158	0–2.5	Soil	Acenaphthene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Acenaphthylene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Acetone	0.020	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Aluminum	707.000	mg/kg	None
21-01922	AAB7158	0–2.5	Soil	Americium-241	0.160	pCi/g	U
21-01922	AAB7158	0–2.5	Soil	Aniline	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Anthracene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Antimony	0.270	mg/kg	Uj
21-01922	AAB7158	0–2.5	Soil	Arsenic	0.270	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Azobenzene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Barium	19.300	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Benzo(a)anthracene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Benzo(a)pyrene	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01922	AAB7158	0–2.5	Soil	Benzo(b)fluoranthene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Benzo(g,h,i)perylene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Benzo(k)fluoranthene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Benzoic Acid	1.600	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Benzyl Alcohol	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Beryllium	0.160	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Bis(2-chloroethyl)ether	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Bromomethane	0.010	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Butanone[2-]	0.020	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Butylbenzylphthalate	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Cadmium	0.060	mg/kg	Uj
21-01922	AAB7158	0–2.5	Soil	Calcium	137.000	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chloroaniline[4-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chloroethane	0.010	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chloromethane	0.010	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chloronaphthalene[2-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chlorophenol[2-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chromium	0.940	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Chrysene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Cobalt	0.130	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Copper	0.080	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dibenz(a,h)anthracene	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01922	AAB7158	0–2.5	Soil	Dibenzofuran	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichlorobenzene[1,2-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichlorobenzene[1,3-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichlorobenzene[1,4-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichlorophenol[2,4-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Diethylphthalate	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dimethyl Phthalate	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dimethylphenol[2,4-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Di-n-butylphthalate	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.820	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dinitrophenol[2,4-]	0.820	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dinitrotoluene[2,4-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Dinitrotoluene[2,6-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Di-n-octylphthalate	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Fluoranthene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Fluorene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Hexachlorobenzene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Hexachlorobutadiene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Hexachlorocyclopentadiene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Hexachloroethane	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Hexanone[2-]	0.020	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01922	AAB7158	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Iron	2350.000	mg/kg	None
21-01922	AAB7158	0–2.5	Soil	Isophorone	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Lead	4.400	mg/kg	None
21-01922	AAB7158	0–2.5	Soil	Magnesium	177.000	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Manganese	311.000	mg/kg	None
21-01922	AAB7158	0–2.5	Soil	Mercury	0.210	mg/kg	None
21-01922	AAB7158	0–2.5	Soil	Methyl-2-pentanone[4-]	0.020	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Methylnaphthalene[2-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Methylphenol[2-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Methylphenol[4-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Naphthalene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nickel	2.900	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nitroaniline[2-]	0.820	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nitroaniline[3-]	0.820	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nitroaniline[4-]	0.820	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nitrobenzene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nitrophenol[2-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nitrophenol[4-]	0.820	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nitrosodimethylamine[N-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Pentachlorophenol	0.820	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Phenanthrene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Phenol	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Plutonium-238	0.009	pCi/g	U
21-01922	AAB7158	0–2.5	Soil	Plutonium-239	0.004	pCi/g	U
21-01922	AAB7158	0–2.5	Soil	Potassium	179.000	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Pyrene	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Selenium	0.530	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Silver	0.100	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Strontium-90	0.030	pCi/g	U
21-01922	AAB7158	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01922	AAB7158	0–2.5	Soil	Thallium	0.640	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.820	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.340	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Tritium	-0.020	pCi/g	U
21-01922	AAB7158	0–2.5	Soil	Uranium	1.340	mg/kg	J
21-01922	AAB7158	0–2.5	Soil	Vanadium	1.100	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01922	AAB7158	0–2.5	Soil	Zinc	15.400	mg/kg	J
21-01923	AAB7161	0–0.5	Soil	Acenaphthene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Acenaphthylene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Aluminum	6400.000	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Americium-241	0.187	pCi/g	U
21-01923	AAB7161	0–0.5	Soil	Aniline	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Anthracene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Antimony	0.270	mg/kg	Uj
21-01923	AAB7161	0–0.5	Soil	Arsenic	2.600	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Azobenzene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Barium	167.000	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Benzo(a)anthracene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Benzo(a)pyrene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Benzo(b)fluoranthene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Benzo(g,h,i)perylene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Benzo(k)fluoranthene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Benzoic Acid	1.600	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Benzyl Alcohol	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Beryllium	0.310	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Bis(2-chloroethyl)ether	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01923	AAB7161	0–0.5	Soil	Butylbenzylphthalate	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Cadmium	0.180	mg/kg	Uj
21-01923	AAB7161	0–0.5	Soil	Calcium	2040.000	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Cesium-137	0.670	pCi/g	None
21-01923	AAB7161	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Chloroaniline[4-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Chloronaphthalene[2-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Chlorophenol[2-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Chromium	14.600	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Chrysene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Cobalt	3.100	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Copper	4.300	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dibenz(a,h)anthracene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dibenzofuran	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dichlorobenzene[1,2-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dichlorobenzene[1,3-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dichlorobenzene[1,4-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dichlorophenol[2,4-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Diethylphthalate	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dimethyl Phthalate	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dimethylphenol[2,4-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Di-n-butylphthalate	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.820	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dinitrophenol[2,4-]	0.820	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dinitrotoluene[2,4-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Dinitrotoluene[2,6-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Di-n-octylphthalate	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Fluoranthene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Fluorene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Hexachlorobenzene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Hexachlorobutadiene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Hexachlorocyclopentadiene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Hexachloroethane	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Iron	8920.000	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Isophorone	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Lead	89.400	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Magnesium	1570.000	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Manganese	247.000	mg/kg	None

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01923	AAB7161	0–0.5	Soil	Mercury	0.230	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Methylnaphthalene[2-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Methylphenol[2-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Methylphenol[4-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Naphthalene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nickel	6.400	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nitroaniline[2-]	0.820	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nitroaniline[3-]	0.820	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nitroaniline[4-]	0.820	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nitrobenzene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nitrophenol[2-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nitrophenol[4-]	0.820	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nitrosodimethylamine[N-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Pentachlorophenol	0.820	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Phenanthrene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Phenol	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Plutonium-238	0.006	pCi/g	U
21-01923	AAB7161	0–0.5	Soil	Plutonium-239	0.206	pCi/g	J
21-01923	AAB7161	0–0.5	Soil	Potassium	975.000	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Pyrene	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Selenium	0.530	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Silver	0.150	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Strontium-90	1.220	pCi/g	None
21-01923	AAB7161	0–0.5	Soil	Thallium	0.640	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.820	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.340	mg/kg	U
21-01923	AAB7161	0–0.5	Soil	Tritium	0.011	pCi/g	U
21-01923	AAB7161	0–0.5	Soil	Uranium	1.210	mg/kg	J
21-01923	AAB7161	0–0.5	Soil	Vanadium	19.000	mg/kg	None
21-01923	AAB7161	0–0.5	Soil	Zinc	58.600	mg/kg	J
21-01924	AAB7166	0–2.5	Soil	Acenaphthene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Acenaphthylene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Acetone	0.021	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Aluminum	1090.000	mg/kg	None
21-01924	AAB7166	0–2.5	Soil	Americium-241	0.234	pCi/g	U
21-01924	AAB7166	0–2.5	Soil	Aniline	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Anthracene	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01924	AAB7166	0–2.5	Soil	Antimony	0.270	mg/kg	Uj
21-01924	AAB7166	0–2.5	Soil	Arsenic	1.800	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Azobenzene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Barium	20.700	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Benzo(a)anthracene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Benzo(a)pyrene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Benzo(b)fluoranthene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Benzo(g,h,i)perylene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Benzo(k)fluoranthene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Benzoic Acid	1.600	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Benzyl Alcohol	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Beryllium	0.210	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Bis(2-chloroethyl)ether	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Bromomethane	0.010	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Butylbenzylphthalate	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Cadmium	0.060	mg/kg	Uj
21-01924	AAB7166	0–2.5	Soil	Calcium	217.000	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chloroaniline[4-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chloroethane	0.010	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chloromethane	0.010	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chloronaphthalene[2-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chlorophenol[2-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01924	AAB7166	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Chromium	2.700	mg/kg	None
21-01924	AAB7166	0–2.5	Soil	Chrysene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Cobalt	0.370	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Copper	0.080	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dibenz(a,h)anthracene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dibenzofuran	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichlorobenzene[1,2-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichlorobenzene[1,3-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichlorobenzene[1,4-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichlorophenol[2,4-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Diethylphthalate	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dimethyl Phthalate	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dimethylphenol[2,4-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Di-n-butylphthalate	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.820	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dinitrophenol[2,4-]	0.820	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dinitrotoluene[2,4-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Dinitrotoluene[2,6-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Di-n-octylphthalate	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Fluoranthene	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01924	AAB7166	0–2.5	Soil	Fluorene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Hexachlorobenzene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Hexachlorobutadiene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Hexachlorocyclopentadiene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Hexachloroethane	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Iron	5770.000	mg/kg	None
21-01924	AAB7166	0–2.5	Soil	Isophorone	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Lead	5.500	mg/kg	None
21-01924	AAB7166	0–2.5	Soil	Magnesium	323.000	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Manganese	260.000	mg/kg	None
21-01924	AAB7166	0–2.5	Soil	Mercury	0.090	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Methylnaphthalene[2-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Methylphenol[2-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Methylphenol[4-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Naphthalene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nickel	1.600	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nitroaniline[2-]	0.820	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nitroaniline[3-]	0.820	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nitroaniline[4-]	0.820	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nitrobenzene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nitrophenol[2-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nitrophenol[4-]	0.820	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nitrosodimethylamine[N-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Pentachlorophenol	0.820	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Phenanthrene	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Phenol	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Plutonium-238	0.002	pCi/g	U
21-01924	AAB7166	0–2.5	Soil	Plutonium-239	0.002	pCi/g	U
21-01924	AAB7166	0–2.5	Soil	Potassium	184.000	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Pyrene	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01924	AAB7166	0–2.5	Soil	Selenium	0.540	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Silver	0.100	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Strontium-90	1.790	pCi/g	J
21-01924	AAB7166	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Thallium	0.640	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.820	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.340	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Tritium	0.025	pCi/g	U
21-01924	AAB7166	0–2.5	Soil	Uranium	1.000	mg/kg	J
21-01924	AAB7166	0–2.5	Soil	Vanadium	3.900	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01924	AAB7166	0–2.5	Soil	Zinc	31.800	mg/kg	J
21-01925	AAB7170	0–2.5	Soil	Acenaphthene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Acenaphthylene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Acetone	0.130	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Aluminum	9700.000	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Americium-241	0.156	pCi/g	U
21-01925	AAB7170	0–2.5	Soil	Aniline	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Anthracene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Antimony	0.280	mg/kg	Uj
21-01925	AAB7170	0–2.5	Soil	Arsenic	2.800	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Azobenzene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Barium	88.100	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Benzo(a)anthracene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Benzo(a)pyrene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Benzo(b)fluoranthene	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01925	AAB7170	0–2.5	Soil	Benzo(g,h,i)perylene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Benzo(k)fluoranthene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Benzoic Acid	1.700	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Benzyl Alcohol	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Beryllium	0.710	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Bis(2-chloroethyl)ether	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Bromomethane	0.010	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Butylbenzylphthalate	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Cadmium	0.060	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Calcium	1290.000	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chloroaniline[4-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chloroethane	0.010	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chloromethane	0.010	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chloronaphthalene[2-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chlorophenol[2-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Chromium	5.900	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Chrysene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Cobalt	0.850	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Copper	0.090	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dibenz(a,h)anthracene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dibenzofuran	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01925	AAB7170	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichlorobenzene[1,2-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichlorobenzene[1,3-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichlorobenzene[1,4-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichlorophenol[2,4-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Diethylphthalate	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dimethyl Phthalate	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dimethylphenol[2,4-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Di-n-butylphthalate	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.840	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dinitrophenol[2,4-]	0.840	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dinitrotoluene[2,4-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Dinitrotoluene[2,6-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Di-n-octylphthalate	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Fluoranthene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Fluorene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Hexachlorobenzene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Hexachlorobutadiene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Hexachlorocyclopentadiene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Hexachloroethane	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Iodomethane	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01925	AAB7170	0–2.5	Soil	Iron	8560.000	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Isophorone	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Lead	7.200	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Magnesium	1390.000	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Manganese	223.000	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Mercury	0.270	mg/kg	None
21-01925	AAB7170	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Methylnaphthalene[2-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Methylphenol[2-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Methylphenol[4-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Naphthalene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nickel	5.100	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nitroaniline[2-]	0.840	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nitroaniline[3-]	0.840	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nitroaniline[4-]	0.840	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nitrobenzene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nitrophenol[2-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nitrophenol[4-]	0.840	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nitrosodimethylamine[N-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Pentachlorophenol	0.840	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Phenanthrene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Phenol	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Plutonium-238	0.002	pCi/g	U
21-01925	AAB7170	0–2.5	Soil	Plutonium-239	0.001	pCi/g	U
21-01925	AAB7170	0–2.5	Soil	Potassium	936.000	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Pyrene	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Selenium	0.560	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Silver	0.110	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Strontium-90	1.250	pCi/g	J
21-01925	AAB7170	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Thallium	0.660	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01925	AAB7170	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.840	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.350	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Tritium	0.010	pCi/g	U
21-01925	AAB7170	0–2.5	Soil	Uranium	1.040	mg/kg	J
21-01925	AAB7170	0–2.5	Soil	Vanadium	10.500	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01925	AAB7170	0–2.5	Soil	Zinc	37.300	mg/kg	J
21-01926	AAB7173	0–0.5	Soil	Acenaphthene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Acenaphthylene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Aluminum	12000.000	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Americium-241	0.167	pCi/g	U
21-01926	AAB7173	0–0.5	Soil	Aniline	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Anthracene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Antimony	0.290	mg/kg	Uj
21-01926	AAB7173	0–0.5	Soil	Arsenic	2.400	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Azobenzene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Barium	127.000	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Benzo(a)anthracene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Benzo(a)pyrene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Benzo(b)fluoranthene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Benzo(g,h,i)perylene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Benzo(k)fluoranthene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Benzoic Acid	1.800	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Benzyl Alcohol	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Beryllium	0.590	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Bis(2-chloroethyl)ether	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Butylbenzylphthalate	0.370	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01926	AAB7173	0–0.5	Soil	Cadmium	0.120	mg/kg	Uj
21-01926	AAB7173	0–0.5	Soil	Calcium	2970.000	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Cesium-137	0.451	pCi/g	None
21-01926	AAB7173	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Chloroaniline[4-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Chloronaphthalene[2-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Chlorophenol[2-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Chromium	10.400	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Chrysene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Cobalt	5.300	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Copper	0.090	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dibenz(a,h)anthracene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dibenzofuran	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dichlorobenzene[1,2-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dichlorobenzene[1,3-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dichlorobenzene[1,4-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dichlorophenol[2,4-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Diethylphthalate	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dimethyl Phthalate	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dimethylphenol[2,4-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Di-n-butylphthalate	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.900	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dinitrophenol[2,4-]	0.900	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dinitrotoluene[2,4-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Dinitrotoluene[2,6-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Di-n-octylphthalate	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Fluoranthene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Fluorene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Hexachlorobenzene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Hexachlorobutadiene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Hexachlorocyclopentadiene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Hexachloroethane	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Iron	11100.000	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Isophorone	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Lead	41.600	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Magnesium	2060.000	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Manganese	371.000	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Mercury	0.100	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01926	AAB7173	0–0.5	Soil	Methylnaphthalene[2-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Methylphenol[2-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Methylphenol[4-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Naphthalene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nickel	8.000	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nitroaniline[2-]	0.900	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nitroaniline[3-]	0.900	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nitroaniline[4-]	0.900	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nitrobenzene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nitrophenol[2-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nitrophenol[4-]	0.900	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nitrosodimethylamine[N-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Pentachlorophenol	0.900	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Phenanthrene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Phenol	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Plutonium-238	0.009	pCi/g	U
21-01926	AAB7173	0–0.5	Soil	Plutonium-239	0.386	pCi/g	J
21-01926	AAB7173	0–0.5	Soil	Potassium	1830.000	mg/kg	J
21-01926	AAB7173	0–0.5	Soil	Pyrene	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Selenium	0.590	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Silver	0.150	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Strontium-90	1.460	pCi/g	J
21-01926	AAB7173	0–0.5	Soil	Thallium	0.700	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.900	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.370	mg/kg	U
21-01926	AAB7173	0–0.5	Soil	Tritium	0.036	pCi/g	U
21-01926	AAB7173	0–0.5	Soil	Uranium	2.010	mg/kg	J
21-01926	AAB7173	0–0.5	Soil	Vanadium	21.700	mg/kg	None
21-01926	AAB7173	0–0.5	Soil	Zinc	37.500	mg/kg	J
21-01927	AAB7177	0–0.5	Soil	Acenaphthene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Acenaphthylene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Aluminum	9440.000	mg/kg	None
21-01927	AAB7177	0–0.5	Soil	Americium-241	0.230	pCi/g	U
21-01927	AAB7177	0–0.5	Soil	Aniline	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Anthracene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Antimony	0.270	mg/kg	Uj
21-01927	AAB7177	0–0.5	Soil	Arsenic	2.100	mg/kg	None

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01927	AAB7177	0–0.5	Soil	Azobenzene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Barium	103.000	mg/kg	None
21-01927	AAB7177	0–0.5	Soil	Benzo(a)anthracene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Benzo(a)pyrene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Benzo(b)fluoranthene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Benzo(g,h,i)perylene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Benzo(k)fluoranthene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Benzoic Acid	1.600	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Benzyl Alcohol	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Beryllium	0.490	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Bis(2-chloroethyl)ether	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Butylbenzylphthalate	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Cadmium	0.060	mg/kg	Uj
21-01927	AAB7177	0–0.5	Soil	Calcium	1720.000	mg/kg	None
21-01927	AAB7177	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Chloroaniline[4-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Chloronaphthalene[2-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Chlorophenol[2-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Chromium	9.700	mg/kg	None
21-01927	AAB7177	0–0.5	Soil	Chrysene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Cobalt	4.700	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Copper	0.080	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dibenz(a,h)anthracene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dibenzofuran	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dichlorobenzene[1,2-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dichlorobenzene[1,3-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dichlorobenzene[1,4-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dichlorophenol[2,4-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Diethylphthalate	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dimethyl Phthalate	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dimethylphenol[2,4-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Di-n-butylphthalate	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.820	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dinitrophenol[2,4-]	0.820	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dinitrotoluene[2,4-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Dinitrotoluene[2,6-]	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01927	AAB7177	0–0.5	Soil	Di-n-octylphthalate	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Fluoranthene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Fluorene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Hexachlorobenzene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Hexachlorobutadiene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Hexachlorocyclopentadiene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Hexachloroethane	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Iron	10900.000	mg/kg	None
21-01927	AAB7177	0–0.5	Soil	Isophorone	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Lead	25.200	mg/kg	None
21-01927	AAB7177	0–0.5	Soil	Magnesium	1770.000	mg/kg	None
21-01927	AAB7177	0–0.5	Soil	Manganese	372.000	mg/kg	None
21-01927	AAB7177	0–0.5	Soil	Mercury	0.090	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Methylnaphthalene[2-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Methylphenol[2-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Methylphenol[4-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Naphthalene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nickel	7.100	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nitroaniline[2-]	0.820	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nitroaniline[3-]	0.820	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nitroaniline[4-]	0.820	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nitrobenzene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nitrophenol[2-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nitrophenol[4-]	0.820	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nitrosodimethylamine[N-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Pentachlorophenol	0.820	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Phenanthrene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Phenol	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Plutonium-238	0.002	pCi/g	U
21-01927	AAB7177	0–0.5	Soil	Plutonium-239	0.417	pCi/g	J
21-01927	AAB7177	0–0.5	Soil	Potassium	1840.000	mg/kg	J
21-01927	AAB7177	0–0.5	Soil	Pyrene	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Selenium	0.540	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Silver	0.100	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Strontium-90	0.810	pCi/g	J
21-01927	AAB7177	0–0.5	Soil	Thallium	0.640	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01927	AAB7177	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.820	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.340	mg/kg	U
21-01927	AAB7177	0–0.5	Soil	Tritium	0.016	pCi/g	U
21-01927	AAB7177	0–0.5	Soil	Uranium	2.950	mg/kg	J
21-01927	AAB7177	0–0.5	Soil	Vanadium	21.800	mg/kg	None
21-01927	AAB7177	0–0.5	Soil	Zinc	31.700	mg/kg	Uj
21-01927	AAB7178	0–2.5	Soil	Acenaphthene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Acenaphthylene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Acetone	0.022	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Aluminum	12800.000	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Americium-241	0.164	pCi/g	U
21-01927	AAB7178	0–2.5	Soil	Aniline	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Anthracene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Antimony	0.420	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Arsenic	5.200	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Azobenzene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Barium	200.000	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Benzene	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Benzo(a)anthracene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Benzo(a)pyrene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Benzo(b)fluoranthene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Benzo(g,h,i)perylene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Benzo(k)fluoranthene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Benzoic Acid	1.800	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Benzyl Alcohol	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Beryllium	1.100	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Bis(2-chloroethyl)ether	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Bromobenzene	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Bromochloromethane	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Bromodichloromethane	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Bromoform	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Bromomethane	0.011	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Butanone[2-]	0.022	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Butylbenzene[n-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Butylbenzene[sec-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Butylbenzene[tert-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Butylbenzylphthalate	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Cadmium	0.070	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01927	AAB7178	0–2.5	Soil	Calcium	3700.000	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Carbon Disulfide	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Carbon Tetrachloride	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chloroaniline[4-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chlorobenzene	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chlorodibromomethane	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chloroethane	0.011	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chloroform	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chloromethane	0.011	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chloronaphthalene[2-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chlorophenol[2-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chlorotoluene[2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chlorotoluene[4-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Chromium	7.200	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Chrysene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Cobalt	1.500	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Copper	5.200	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dibenz(a,h)anthracene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dibenzofuran	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.011	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dibromoethane[1,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dibromomethane	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichlorobenzene[1,2-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichlorobenzene[1,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichlorobenzene[1,3-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichlorobenzene[1,3-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichlorobenzene[1,4-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichlorobenzene[1,4-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichloroethane[1,1-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichloroethane[1,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichloroethene[1,1-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichloroethene[cis/trans-1,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichlorophenol[2,4-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichloropropane[1,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichloropropane[1,3-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichloropropane[2,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichloropropene[1,1-]	0.006	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01927	AAB7178	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Diethylphthalate	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dimethyl Phthalate	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dimethylphenol[2,4-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Di-n-butylphthalate	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.900	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dinitrophenol[2,4-]	0.900	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dinitrotoluene[2,4-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Dinitrotoluene[2,6-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Di-n-octylphthalate	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Ethylbenzene	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Fluoranthene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Fluorene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Hexachlorobenzene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Hexachlorobutadiene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Hexachlorocyclopentadiene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Hexachloroethane	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Hexanone[2-]	0.022	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Iodomethane	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Iron	9780.000	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Isophorone	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Isopropylbenzene	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Isopropyltoluene[4-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Lead	73.800	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Magnesium	2430.000	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Manganese	124.000	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Mercury	0.340	mg/kg	J
21-01927	AAB7178	0–2.5	Soil	Methyl-2-pentanone[4-]	0.022	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Methylene Chloride	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Methylnaphthalene[2-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Methylphenol[2-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Methylphenol[4-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Naphthalene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Nickel	7.500	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Nitroaniline[2-]	0.900	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Nitroaniline[3-]	0.900	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Nitroaniline[4-]	0.900	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Nitrobenzene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Nitrophenol[2-]	0.370	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01927	AAB7178	0–2.5	Soil	Nitrophenol[4-]	0.900	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Nitrosodimethylamine[N-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Pentachlorophenol	0.900	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Phenanthrene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Phenol	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Plutonium-238	0.001	pCi/g	U
21-01927	AAB7178	0–2.5	Soil	Plutonium-239	0.029	pCi/g	None
21-01927	AAB7178	0–2.5	Soil	Potassium	1560.000	mg/kg	J
21-01927	AAB7178	0–2.5	Soil	Propylbenzene[1-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Pyrene	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Selenium	0.580	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Silver	0.110	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Sodium	0.250	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Strontium-90	0.800	pCi/g	None
21-01927	AAB7178	0–2.5	Soil	Styrene	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Tetrachloroethene	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Thallium	0.700	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Toluene	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trichloroethane[1,1,1-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trichloroethane[1,1,2-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trichloroethene	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trichlorofluoromethane	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.900	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.370	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trichloropropane[1,2,3-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Tritium	0.001	pCi/g	U
21-01927	AAB7178	0–2.5	Soil	Uranium	2.990	mg/kg	J
21-01927	AAB7178	0–2.5	Soil	Vanadium	17.100	mg/kg	None
21-01927	AAB7178	0–2.5	Soil	Vinyl Chloride	0.011	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Xylene (Total)	0.006	mg/kg	U
21-01927	AAB7178	0–2.5	Soil	Zinc	26.900	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Acenaphthene	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01928	AAB7182	0–2.5	Soil	Acenaphthylene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Acetone	0.021	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Aluminum	10300.000	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Americium-241	0.211	pCi/g	U
21-01928	AAB7182	0–2.5	Soil	Aniline	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Anthracene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Antimony	0.280	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Arsenic	3.000	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Azobenzene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Barium	105.000	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Benzo(a)anthracene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Benzo(a)pyrene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Benzo(b)fluoranthene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Benzo(g,h,i)perylene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Benzo(k)fluoranthene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Benzoic Acid	1.700	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Benzyl Alcohol	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Beryllium	0.650	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Bis(2-chloroethyl)ether	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Bromomethane	0.010	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Butylbenzylphthalate	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Cadmium	0.060	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Calcium	1550.000	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chloroaniline[4-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01928	AAB7182	0–2.5	Soil	Chloroethane	0.010	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chloromethane	0.010	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chloronaphthalene[2-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chlorophenol[2-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Chromium	7.200	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Chrysene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Cobalt	3.200	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Copper	3.100	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dibenz(a,h)anthracene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dibenzofuran	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichlorobenzene[1,2-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichlorobenzene[1,3-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichlorobenzene[1,4-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichlorophenol[2,4-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Diethylphthalate	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dimethyl Phthalate	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dimethylphenol[2,4-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Di-n-butylphthalate	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.840	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01928	AAB7182	0–2.5	Soil	Dinitrophenol[2,4-]	0.840	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dinitrotoluene[2,4-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Dinitrotoluene[2,6-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Di-n-octylphthalate	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Fluoranthene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Fluorene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Hexachlorobenzene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Hexachlorobutadiene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Hexachlorocyclopentadiene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Hexachloroethane	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Iron	9220.000	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Isophorone	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Lead	9.600	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Magnesium	1900.000	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Manganese	182.000	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Mercury	0.100	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Methylnaphthalene[2-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Methylphenol[2-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Methylphenol[4-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Naphthalene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nickel	5.500	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nitroaniline[2-]	0.840	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nitroaniline[3-]	0.840	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nitroaniline[4-]	0.840	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nitrobenzene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nitrophenol[2-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nitrophenol[4-]	0.840	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nitrosodimethylamine[N-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Pentachlorophenol	0.840	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Phenanthrene	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01928	AAB7182	0–2.5	Soil	Phenol	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Plutonium-238	0.000	pCi/g	U
21-01928	AAB7182	0–2.5	Soil	Plutonium-239	0.001	pCi/g	U
21-01928	AAB7182	0–2.5	Soil	Potassium	1380.000	mg/kg	J
21-01928	AAB7182	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Pyrene	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Selenium	0.550	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Silver	0.110	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Sodium	179.000	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Strontium-90	0.860	pCi/g	None
21-01928	AAB7182	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Thallium	1.200	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.840	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.350	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Tritium	0.037	pCi/g	None
21-01928	AAB7182	0–2.5	Soil	Uranium	0.877	mg/kg	J
21-01928	AAB7182	0–2.5	Soil	Vanadium	16.100	mg/kg	None
21-01928	AAB7182	0–2.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01928	AAB7182	0–2.5	Soil	Zinc	22.700	mg/kg	None
21-01929	AAB7186	0–2.5	Soil	Acenaphthene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Acenaphthylene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Acetone	0.100	mg/kg	None
21-01929	AAB7186	0–2.5	Soil	Aluminum	5940.000	mg/kg	None
21-01929	AAB7186	0–2.5	Soil	Americium-241	0.176	pCi/g	U
21-01929	AAB7186	0–2.5	Soil	Aniline	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Anthracene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Antimony	0.270	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01929	AAB7186	0–2.5	Soil	Arsenic	2.200	mg/kg	None
21-01929	AAB7186	0–2.5	Soil	Azobenzene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Barium	59.000	mg/kg	None
21-01929	AAB7186	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Benzo(a)anthracene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Benzo(a)pyrene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Benzo(b)fluoranthene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Benzo(g,h,i)perylene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Benzo(k)fluoranthene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Benzoic Acid	1.700	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Benzyl Alcohol	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Beryllium	0.410	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Bis(2-chloroethyl)ether	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Bromomethane	0.010	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Butylbenzylphthalate	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Cadmium	0.060	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Calcium	1040.000	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chloroaniline[4-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chloroethane	0.010	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chloromethane	0.010	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chloronaphthalene[2-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chlorophenol[2-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01929	AAB7186	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Chromium	2.900	mg/kg	None
21-01929	AAB7186	0–2.5	Soil	Chrysene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Cobalt	1.400	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Copper	1.300	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dibenz(a,h)anthracene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dibenzofuran	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichlorobenzene[1,2-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichlorobenzene[1,3-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichlorobenzene[1,4-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichlorophenol[2,4-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Diethylphthalate	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dimethyl Phthalate	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dimethylphenol[2,4-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Di-n-butylphthalate	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.840	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dinitrophenol[2,4-]	0.840	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dinitrotoluene[2,4-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Dinitrotoluene[2,6-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Di-n-octylphthalate	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Fluoranthene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Fluorene	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01929	AAB7186	0–2.5	Soil	Hexachlorobenzene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Hexachlorobutadiene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Hexachlorocyclopentadiene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Hexachloroethane	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Iron	6010.000	mg/kg	None
21-01929	AAB7186	0–2.5	Soil	Isophorone	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Lead	8.700	mg/kg	None
21-01929	AAB7186	0–2.5	Soil	Magnesium	934.000	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Manganese	148.000	mg/kg	None
21-01929	AAB7186	0–2.5	Soil	Mercury	0.190	mg/kg	J
21-01929	AAB7186	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Methylnaphthalene[2-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Methylphenol[2-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Methylphenol[4-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Naphthalene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nickel	3.400	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nitroaniline[2-]	0.840	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nitroaniline[3-]	0.840	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nitroaniline[4-]	0.840	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nitrobenzene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nitrophenol[2-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nitrophenol[4-]	0.840	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nitrosodimethylamine[N-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Pentachlorophenol	0.840	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Phenanthrene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Phenol	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Plutonium-238	0.001	pCi/g	U
21-01929	AAB7186	0–2.5	Soil	Plutonium-239	0.004	pCi/g	U
21-01929	AAB7186	0–2.5	Soil	Potassium	677.000	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Pyrene	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Selenium	0.550	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01929	AAB7186	0–2.5	Soil	Silver	0.100	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Sodium	45.500	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Strontium-90	0.940	pCi/g	None
21-01929	AAB7186	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Thallium	0.910	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.840	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.350	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Tritium	0.031	pCi/g	U
21-01929	AAB7186	0–2.5	Soil	Uranium	0.883	mg/kg	J
21-01929	AAB7186	0–2.5	Soil	Vanadium	8.200	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01929	AAB7186	0–2.5	Soil	Zinc	30.400	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Acenaphthene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Acenaphthylene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Acetone	0.024	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Aluminum	14600.000	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Americium-241	0.203	pCi/g	U
21-01932	AAB7198	0–2.5	Soil	Aniline	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Anthracene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Antimony	0.290	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Arsenic	2.800	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Azobenzene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Barium	120.000	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Benzo(a)anthracene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Benzo(a)pyrene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Benzo(b)fluoranthene	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01932	AAB7198	0–2.5	Soil	Benzo(g,h,i)perylene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Benzo(k)fluoranthene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Benzoic Acid	1.700	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Benzyl Alcohol	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Beryllium	0.990	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Bis(2-chloroethyl)ether	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Bromomethane	0.011	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	Uj
21-01932	AAB7198	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	Uj
21-01932	AAB7198	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	Uj
21-01932	AAB7198	0–2.5	Soil	Butylbenzylphthalate	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Cadmium	0.070	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Calcium	2500.000	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chloroaniline[4-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chloroethane	0.011	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chloromethane	0.011	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chloronaphthalene[2-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chlorophenol[2-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Chromium	8.100	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Chrysene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Cobalt	1.800	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Copper	4.800	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dibenz(a,h)anthracene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dibenzofuran	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01932	AAB7198	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.011	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichlorobenzene[1,2-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	Uj
21-01932	AAB7198	0–2.5	Soil	Dichlorobenzene[1,3-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	Uj
21-01932	AAB7198	0–2.5	Soil	Dichlorobenzene[1,4-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	Uj
21-01932	AAB7198	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichlorophenol[2,4-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Diethylphthalate	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dimethyl Phthalate	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dimethylphenol[2,4-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Di-n-butylphthalate	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.860	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dinitrophenol[2,4-]	0.860	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dinitrotoluene[2,4-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Dinitrotoluene[2,6-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Di-n-octylphthalate	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Fluoranthene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Fluorene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Hexachlorobenzene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Hexachlorobutadiene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Hexachlorocyclopentadiene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Hexachloroethane	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Iodomethane	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01932	AAB7198	0–2.5	Soil	Iron	10700.000	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Isophorone	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	Uj
21-01932	AAB7198	0–2.5	Soil	Lead	29.500	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Magnesium	2500.000	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Manganese	179.000	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Mercury	0.100	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Methylnaphthalene[2-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Methylphenol[2-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Methylphenol[4-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Naphthalene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nickel	7.300	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nitroaniline[2-]	0.860	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nitroaniline[3-]	0.860	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nitroaniline[4-]	0.860	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nitrobenzene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nitrophenol[2-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nitrophenol[4-]	0.860	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nitrosodimethylamine[N-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Pentachlorophenol	0.860	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Phenanthrene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Phenol	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Plutonium-238	0.220	pCi/g	None
21-01932	AAB7198	0–2.5	Soil	Plutonium-239	0.327	pCi/g	None
21-01932	AAB7198	0–2.5	Soil	Potassium	1520.000	mg/kg	J
21-01932	AAB7198	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Pyrene	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Selenium	0.570	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Silver	0.110	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Sodium	99.200	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Strontium-90	0.280	pCi/g	U
21-01932	AAB7198	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01932	AAB7198	0–2.5	Soil	Thallium	0.680	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.860	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.350	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	Uj
21-01932	AAB7198	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	Uj
21-01932	AAB7198	0–2.5	Soil	Tritium	0.012	pCi/g	U
21-01932	AAB7198	0–2.5	Soil	Uranium	0.834	mg/kg	J
21-01932	AAB7198	0–2.5	Soil	Vanadium	15.800	mg/kg	None
21-01932	AAB7198	0–2.5	Soil	Vinyl Chloride	0.011	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01932	AAB7198	0–2.5	Soil	Zinc	42.100	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Acenaphthene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Acenaphthylene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Aluminum	8180.000	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Americium-241	0.178	pCi/g	U
21-01933	AAB7201	0–0.5	Soil	Aniline	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Anthracene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Antimony	0.280	mg/kg	Uj
21-01933	AAB7201	0–0.5	Soil	Arsenic	2.900	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Azobenzene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Barium	81.600	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Benzo(a)anthracene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Benzo(a)pyrene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Benzo(b)fluoranthene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Benzo(g,h,i)perylene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Benzo(k)fluoranthene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Benzoic Acid	1.700	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Benzyl Alcohol	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Beryllium	0.440	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Bis(2-chloroethyl)ether	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01933	AAB7201	0–0.5	Soil	Butylbenzylphthalate	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Cadmium	0.060	mg/kg	Uj
21-01933	AAB7201	0–0.5	Soil	Calcium	2380.000	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Chloroaniline[4-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Chloronaphthalene[2-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Chlorophenol[2-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Chromium	6.000	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Chrysene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Cobalt	2.300	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Copper	0.090	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dibenz(a,h)anthracene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dibenzofuran	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dichlorobenzene[1,2-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dichlorobenzene[1,3-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dichlorobenzene[1,4-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dichlorophenol[2,4-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Diethylphthalate	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dimethyl Phthalate	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dimethylphenol[2,4-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Di-n-butylphthalate	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.840	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dinitrophenol[2,4-]	0.840	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dinitrotoluene[2,4-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Dinitrotoluene[2,6-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Di-n-octylphthalate	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Fluoranthene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Fluorene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Hexachlorobenzene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Hexachlorobutadiene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Hexachlorocyclopentadiene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Hexachloroethane	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Iron	8370.000	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Isophorone	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Lead	18.400	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Magnesium	1400.000	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Manganese	302.000	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Mercury	0.100	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01933	AAB7201	0–0.5	Soil	Methylnaphthalene[2-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Methylphenol[2-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Methylphenol[4-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Naphthalene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nickel	5.300	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nitroaniline[2-]	0.840	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nitroaniline[3-]	0.840	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nitroaniline[4-]	0.840	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nitrobenzene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nitrophenol[2-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nitrophenol[4-]	0.840	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nitrosodimethylamine[N-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Pentachlorophenol	0.840	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Phenanthrene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Phenol	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Plutonium-238	0.004	pCi/g	U
21-01933	AAB7201	0–0.5	Soil	Plutonium-239	0.153	pCi/g	J
21-01933	AAB7201	0–0.5	Soil	Potassium	1240.000	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Pyrene	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Selenium	0.550	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Silver	0.130	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Strontium-90	0.680	pCi/g	J
21-01933	AAB7201	0–0.5	Soil	Thallium	0.660	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.840	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.350	mg/kg	U
21-01933	AAB7201	0–0.5	Soil	Tritium	0.024	pCi/g	U
21-01933	AAB7201	0–0.5	Soil	Uranium	1.630	mg/kg	J
21-01933	AAB7201	0–0.5	Soil	Vanadium	12.100	mg/kg	None
21-01933	AAB7201	0–0.5	Soil	Zinc	32.900	mg/kg	J
21-01934	AAB7205	0–0.5	Soil	Acenaphthene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Acenaphthylene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Aluminum	6440.000	mg/kg	J
21-01934	AAB7205	0–0.5	Soil	Americium-241	0.197	pCi/g	U
21-01934	AAB7205	0–0.5	Soil	Aniline	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Anthracene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Antimony	0.240	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Arsenic	2.200	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01934	AAB7205	0–0.5	Soil	Azobenzene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Barium	88.500	mg/kg	None
21-01934	AAB7205	0–0.5	Soil	Benzo(a)anthracene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Benzo(a)pyrene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Benzo(b)fluoranthene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Benzo(g,h,i)perylene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Benzo(k)fluoranthene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Benzoic Acid	1.800	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Benzyl Alcohol	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Beryllium	0.440	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Bis(2-chloroethyl)ether	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Butylbenzylphthalate	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Cadmium	0.460	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Calcium	1920.000	mg/kg	None
21-01934	AAB7205	0–0.5	Soil	Cesium-137	0.468	pCi/g	None
21-01934	AAB7205	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Chloroaniline[4-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Chloronaphthalene[2-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Chlorophenol[2-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Chromium	5.200	mg/kg	J
21-01934	AAB7205	0–0.5	Soil	Chrysene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Cobalt	3.400	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Copper	4.500	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dibenz(a,h)anthracene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dibenzofuran	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dichlorobenzene[1,2-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dichlorobenzene[1,3-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dichlorobenzene[1,4-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dichlorophenol[2,4-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Diethylphthalate	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dimethyl Phthalate	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dimethylphenol[2,4-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Di-n-butylphthalate	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	1.800	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dinitrophenol[2,4-]	1.800	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Dinitrotoluene[2,4-]	0.730	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01934	AAB7205	0–0.5	Soil	Dinitrotoluene[2,6-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Di-n-octylphthalate	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Fluoranthene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Fluorene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Hexachlorobenzene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Hexachlorobutadiene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Hexachlorocyclopentadiene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Hexachloroethane	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Iron	7010.000	mg/kg	J
21-01934	AAB7205	0–0.5	Soil	Isophorone	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Lead	20.600	mg/kg	None
21-01934	AAB7205	0–0.5	Soil	Magnesium	1290.000	mg/kg	None
21-01934	AAB7205	0–0.5	Soil	Manganese	273.000	mg/kg	None
21-01934	AAB7205	0–0.5	Soil	Methylnaphthalene[2-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Methylphenol[2-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Methylphenol[4-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Naphthalene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nickel	6.000	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nitroaniline[2-]	1.800	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nitroaniline[3-]	1.800	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nitroaniline[4-]	1.800	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nitrobenzene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nitrophenol[2-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nitrophenol[4-]	1.800	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nitrosodimethylamine[N-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Pentachlorophenol	1.800	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Phenanthrene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Phenol	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Plutonium-238	0.006	pCi/g	None
21-01934	AAB7205	0–0.5	Soil	Plutonium-239	1.183	pCi/g	None
21-01934	AAB7205	0–0.5	Soil	Potassium	795.000	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Pyrene	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Selenium	0.690	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Silver	2.300	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Sodium	63.000	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Strontium-90	0.050	pCi/g	U
21-01934	AAB7205	0–0.5	Soil	Thallium	0.230	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01934	AAB7205	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Trichlorophenol[2,4,5-]	1.800	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.730	mg/kg	U
21-01934	AAB7205	0–0.5	Soil	Tritium	0.030	pCi/g	
21-01934	AAB7205	0–0.5	Soil	Uranium	2.920	mg/kg	J
21-01934	AAB7205	0–0.5	Soil	Uranium-235	0.222	pCi/g	None
21-01934	AAB7205	0–0.5	Soil	Vanadium	11.800	mg/kg	J
21-01934	AAB7205	0–0.5	Soil	Zinc	34.800	mg/kg	None
21-01934	AAB7206	0–2.5	Soil	Acetone	0.100	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Bromomethane	0.010	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Chloroethane	0.010	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Chloromethane	0.010	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01934	AAB7206	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01934	AAB7206	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Acetone	0.100	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Benzene	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Bromobenzene	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Bromoform	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Bromomethane	0.010	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Chlorobenzene	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01934	AAB7207	2.5–5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Chloroethane	0.010	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Chloroform	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Chloromethane	0.010	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dibromomethane	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Iodomethane	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Styrene	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Toluene	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Trichloroethene	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Trichlorofluoromethane	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01934	AAB7207	2.5–5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01934	AAB7207	2.5–5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Acetone	0.100	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Benzene	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Bromoform	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Bromomethane	0.010	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Chloroethane	0.010	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Chloroform	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Chloromethane	0.010	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01934	AAB7208	5–7.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Iodomethane	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Styrene	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Toluene	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01934	AAB7208	5–7.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Acenaphthene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Acenaphthylene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Acetone	0.020	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Aluminum	905.000	mg/kg	J
21-01935	AAB7210	0–2.5	Soil	Americium-241	0.218	pCi/g	U
21-01935	AAB7210	0–2.5	Soil	Aniline	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Anthracene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Antimony	0.200	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Arsenic	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Azobenzene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Barium	24.900	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Benzo(a)anthracene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Benzo(a)pyrene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Benzo(b)fluoranthene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Benzo(g,h,i)perylene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Benzo(k)fluoranthene	0.310	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01935	AAB7210	0–2.5	Soil	Benzoic Acid	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Benzyl Alcohol	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Beryllium	0.200	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Bis(2-chloroethyl)ether	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Bromomethane	0.010	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Butanone[2-]	0.020	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Butylbenzylphthalate	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Cadmium	0.410	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Calcium	572.000	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chloroaniline[4-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chloroethane	0.010	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chloromethane	0.010	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chloronaphthalene[2-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chlorophenol[2-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Chromium	1.800	mg/kg	Uj
21-01935	AAB7210	0–2.5	Soil	Chrysene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Cobalt	1.400	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Copper	0.820	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dibenz(a,h)anthracene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dibenzofuran	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01935	AAB7210	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichlorobenzene[1,2-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichlorobenzene[1,3-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichlorobenzene[1,4-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichlorophenol[2,4-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Diethylphthalate	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dimethyl Phthalate	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dimethylphenol[2,4-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Di-n-butylphthalate	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dinitrophenol[2,4-]	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dinitrotoluene[2,4-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Dinitrotoluene[2,6-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Di-n-octylphthalate	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Fluoranthene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Fluorene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Hexachlorobenzene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Hexachlorobutadiene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Hexachlorocyclopentadiene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Hexachloroethane	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Hexanone[2-]	0.020	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Iron	3150.000	mg/kg	J

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01935	AAB7210	0–2.5	Soil	Isophorone	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Lead	3.600	mg/kg	None
21-01935	AAB7210	0–2.5	Soil	Magnesium	280.000	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Manganese	200.000	mg/kg	None
21-01935	AAB7210	0–2.5	Soil	Methyl-2-pentanone[4-]	0.020	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Methylnaphthalene[2-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Methylphenol[2-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Methylphenol[4-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Naphthalene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nickel	2.900	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nitroaniline[2-]	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nitroaniline[3-]	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nitroaniline[4-]	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nitrobenzene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nitrophenol[2-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nitrophenol[4-]	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nitrosodimethylamine[N-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Pentachlorophenol	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Phenanthrene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Phenol	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Plutonium-238	0.001	pCi/g	U
21-01935	AAB7210	0–2.5	Soil	Plutonium-239	0.002	pCi/g	U
21-01935	AAB7210	0–2.5	Soil	Potassium	137.000	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Pyrene	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Selenium	0.610	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Silver	2.000	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Sodium	66.100	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Strontium-90	0.150	pCi/g	U
21-01935	AAB7210	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Thallium	0.200	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Toluene	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01935	AAB7210	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.760	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.310	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Tritium	0.014	pCi/g	
21-01935	AAB7210	0–2.5	Soil	Uranium	1.320	mg/kg	J
21-01935	AAB7210	0–2.5	Soil	Uranium-235	0.297	pCi/g	None
21-01935	AAB7210	0–2.5	Soil	Vanadium	1.800	mg/kg	Uj
21-01935	AAB7210	0–2.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01935	AAB7210	0–2.5	Soil	Zinc	24.800	mg/kg	None
21-01935	AAB7211	2.5–5	Soil	Acetone	0.100	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Benzene	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Bromobenzene	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Bromoform	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Bromomethane	0.010	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Chloroethane	0.010	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Chloroform	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Chloromethane	0.010	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dibromomethane	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01935	AAB7211	2.5–5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Iodomethane	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Styrene	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Toluene	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Trichloroethene	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01935	AAB7211	2.5–5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Acetone	0.100	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Benzene	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Bromochloromethane	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01935	AAB7212	5–7.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Bromoform	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Bromomethane	0.010	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Chloroethane	0.010	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Chloroform	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Chloromethane	0.010	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Iodomethane	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Methylene Chloride	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01935	AAB7212	5–7.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Styrene	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Toluene	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01935	AAB7212	5–7.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Acenaphthene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Acenaphthylene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Acetone	0.021	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Aluminum	7710.000	mg/kg	J
21-01936	AAB7214	0–2.5	Soil	Americium-241	0.150	pCi/g	U
21-01936	AAB7214	0–2.5	Soil	Aniline	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Anthracene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Antimony	0.210	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Arsenic	1.700	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Azobenzene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Barium	112.000	mg/kg	None
21-01936	AAB7214	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Benzo(a)anthracene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Benzo(a)pyrene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Benzo(b)fluoranthene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Benzo(g,h,i)perylene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Benzo(k)fluoranthene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Benzoic Acid	0.840	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Benzyl Alcohol	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Beryllium	0.570	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Bis(2-chloroethyl)ether	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01936	AAB7214	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Bromomethane	0.011	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Butylbenzylphthalate	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Cadmium	0.520	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Calcium	1730.000	mg/kg	None
21-01936	AAB7214	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chloroaniline[4-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chloroethane	0.011	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chloromethane	0.011	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chloronaphthalene[2-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chlorophenol[2-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Chromium	4.500	mg/kg	J
21-01936	AAB7214	0–2.5	Soil	Chrysene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Cobalt	2.500	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Copper	2.000	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dibenz(a,h)anthracene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dibenzofuran	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.011	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichlorobenzene[1,2-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichlorobenzene[1,3-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichlorobenzene[1,4-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichlorodifluoromethane	0.011	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01936	AAB7214	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichlorophenol[2,4-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Diethylphthalate	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dimethyl Phthalate	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dimethylphenol[2,4-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Di-n-butylphthalate	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.840	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dinitrophenol[2,4-]	0.840	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dinitrotoluene[2,4-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Dinitrotoluene[2,6-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Di-n-octylphthalate	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Fluoranthene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Fluorene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Hexachlorobenzene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Hexachlorobutadiene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Hexachlorocyclopentadiene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Hexachloroethane	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Iron	7630.000	mg/kg	J
21-01936	AAB7214	0–2.5	Soil	Isophorone	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Lead	7.800	mg/kg	None
21-01936	AAB7214	0–2.5	Soil	Magnesium	2050.000	mg/kg	None
21-01936	AAB7214	0–2.5	Soil	Manganese	158.000	mg/kg	None
21-01936	AAB7214	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Methylnaphthalene[2-]	0.350	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01936	AAB7214	0–2.5	Soil	Methylphenol[2-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Methylphenol[4-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Naphthalene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nickel	5.500	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nitroaniline[2-]	0.840	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nitroaniline[3-]	0.840	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nitroaniline[4-]	0.840	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nitrobenzene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nitrophenol[2-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nitrophenol[4-]	0.840	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nitrosodimethylamine[N-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Pentachlorophenol	0.840	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Phenanthrene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Phenol	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Plutonium-238	0.001	pCi/g	U
21-01936	AAB7214	0–2.5	Soil	Plutonium-239	0.007	pCi/g	None
21-01936	AAB7214	0–2.5	Soil	Potassium	736.000	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Pyrene	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Selenium	0.620	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Silver	2.100	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Sodium	231.000	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Strontium-90	0.010	pCi/g	U
21-01936	AAB7214	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Thallium	0.210	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.840	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.350	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01936	AAB7214	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Tritium	0.045	pCi/g	
21-01936	AAB7214	0–2.5	Soil	Uranium	2.250	mg/kg	J
21-01936	AAB7214	0–2.5	Soil	Uranium-235	0.198	pCi/g	None
21-01936	AAB7214	0–2.5	Soil	Vanadium	10.600	mg/kg	J
21-01936	AAB7214	0–2.5	Soil	Vinyl Chloride	0.011	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01936	AAB7214	0–2.5	Soil	Zinc	26.300	mg/kg	None
21-01936	AAB7215	2.5–5	Soil	Acetone	0.100	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Benzene	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Bromobenzene	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Bromoform	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Bromomethane	0.010	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Chloroethane	0.010	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Chloroform	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Chloromethane	0.010	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dibromomethane	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01936	AAB7215	2.5–5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Iodomethane	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Styrene	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Toluene	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Trichloroethene	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01936	AAB7215	2.5–5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Acetone	0.100	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Benzene	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Bromoform	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Bromomethane	0.010	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01936	AAB7216	5–7.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Chloroethane	0.010	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Chloroform	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Chloromethane	0.010	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Iodomethane	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Styrene	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Toluene	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Trichloroethene	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01936	AAB7216	5–7.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01936	AAB7216	5–7.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Acetone	0.021	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Aluminum	1030.000	mg/kg	J
21-01939	AAB7226	0–2.5	Soil	Americium-241	0.175	pCi/g	U
21-01939	AAB7226	0–2.5	Soil	Antimony	0.210	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Arsenic	0.740	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Barium	26.500	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Beryllium	0.210	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Bromomethane	0.010	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Cadmium	0.410	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Calcium	472.000	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Chloroethane	0.010	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Chloromethane	0.010	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Chromium	0.560	mg/kg	Uj
21-01939	AAB7226	0–2.5	Soil	Cobalt	1.400	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Copper	0.830	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01939	AAB7226	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Iron	2680.000	mg/kg	J
21-01939	AAB7226	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Lead	4.400	mg/kg	None
21-01939	AAB7226	0–2.5	Soil	Magnesium	210.000	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Manganese	209.000	mg/kg	None
21-01939	AAB7226	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Nickel	3.900	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Plutonium-238	0.003	pCi/g	None
21-01939	AAB7226	0–2.5	Soil	Plutonium-239	0.006	pCi/g	None
21-01939	AAB7226	0–2.5	Soil	Potassium	139.000	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Selenium	0.620	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Silver	2.100	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Sodium	67.400	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Strontium-90	0.100	pCi/g	U
21-01939	AAB7226	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Thallium	0.210	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Thorium-228	4.230	pCi/g	U
21-01939	AAB7226	0–2.5	Soil	Toluene	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01939	AAB7226	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Tritium	0.166	pCi/g	
21-01939	AAB7226	0–2.5	Soil	Uranium	1.500	mg/kg	J
21-01939	AAB7226	0–2.5	Soil	Uranium-235	0.103	pCi/g	U
21-01939	AAB7226	0–2.5	Soil	Vanadium	1.900	mg/kg	Uj
21-01939	AAB7226	0–2.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01939	AAB7226	0–2.5	Soil	Zinc	21.000	mg/kg	None
21-01939	AAB7227	2.5–5	Soil	Acetone	0.100	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Benzene	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Bromobenzene	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Bromoform	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Bromomethane	0.010	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Chloroethane	0.010	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Chloroform	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Chloromethane	0.010	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dibromomethane	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01939	AAB7227	2.5–5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Iodomethane	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Methylene Chloride	0.041	mg/kg	None
21-01939	AAB7227	2.5–5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Styrene	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Toluene	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Trichloroethene	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01939	AAB7227	2.5–5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Acetone	0.100	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Benzene	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Bromoform	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Bromomethane	0.010	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01939	AAB7228	5–7.5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Chloroethane	0.010	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Chloroform	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Chloromethane	0.010	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Iodomethane	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Styrene	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01939	AAB7228	5–7.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Toluene	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01939	AAB7228	5–7.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Acenaphthene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Acenaphthylene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Acetone	0.021	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Aluminum	2250.000	mg/kg	J
21-01940	AAB7230	0–2.5	Soil	Americium-241	0.214	pCi/g	U
21-01940	AAB7230	0–2.5	Soil	Aniline	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Anthracene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Antimony	0.210	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Arsenic	0.630	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Azobenzene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Barium	17.000	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Benzo(a)anthracene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Benzo(a)pyrene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Benzo(b)fluoranthene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Benzo(g,h,i)perylene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Benzo(k)fluoranthene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Benzoic Acid	0.830	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Benzyl Alcohol	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Beryllium	0.350	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Bis(2-chloroethyl)ether	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Bromomethane	0.011	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01940	AAB7230	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Butylbenzylphthalate	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Cadmium	0.420	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Calcium	590.000	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chloroaniline[4-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chloroethane	0.011	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chloromethane	0.011	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chloronaphthalene[2-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chlorophenol[2-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Chromium	1.500	mg/kg	Uj
21-01940	AAB7230	0–2.5	Soil	Chrysene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Cobalt	1.500	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Copper	0.880	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dibenz(a,h)anthracene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dibenzofuran	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.011	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichlorobenzene[1,2-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichlorobenzene[1,3-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichlorobenzene[1,4-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01940	AAB7230	0–2.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichlorophenol[2,4-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Diethylphthalate	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dimethyl Phthalate	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dimethylphenol[2,4-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Di-n-butylphthalate	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.830	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dinitrophenol[2,4-]	0.830	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dinitrotoluene[2,4-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Dinitrotoluene[2,6-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Di-n-octylphthalate	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Fluoranthene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Fluorene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Hexachlorobenzene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Hexachlorobutadiene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Hexachlorocyclopentadiene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Hexachloroethane	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Iron	3650.000	mg/kg	J
21-01940	AAB7230	0–2.5	Soil	Isophorone	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Lead	3.500	mg/kg	None
21-01940	AAB7230	0–2.5	Soil	Magnesium	613.000	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Manganese	135.000	mg/kg	None
21-01940	AAB7230	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Methylnaphthalene[2-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Methylphenol[2-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Methylphenol[4-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Naphthalene	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01940	AAB7230	0–2.5	Soil	Nickel	4.100	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Nitroaniline[2-]	0.830	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Nitroaniline[3-]	0.830	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Nitroaniline[4-]	0.830	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Nitrobenzene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Nitrophenol[2-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Nitrophenol[4-]	0.830	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Nitrosodimethylamine[N-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Pentachlorophenol	0.830	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Phenanthrene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Phenol	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Plutonium-238	0.000	pCi/g	U
21-01940	AAB7230	0–2.5	Soil	Plutonium-239	0.003	pCi/g	None
21-01940	AAB7230	0–2.5	Soil	Potassium	220.000	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Pyrene	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Selenium	0.630	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Silver	2.100	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Sodium	52.600	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Strontium-90	0.090	pCi/g	U
21-01940	AAB7230	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Thallium	0.210	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.830	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.340	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Tritium	0.134	pCi/g	

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01940	AAB7230	0–2.5	Soil	Uranium	2.700	mg/kg	J
21-01940	AAB7230	0–2.5	Soil	Vanadium	2.600	mg/kg	Uj
21-01940	AAB7230	0–2.5	Soil	Vinyl Chloride	0.011	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01940	AAB7230	0–2.5	Soil	Zinc	27.600	mg/kg	None
21-01940	AAB7231	2.5–5	Soil	Acetone	0.100	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Benzene	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Bromobenzene	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Bromoform	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Bromomethane	0.010	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Chloroethane	0.010	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Chloroform	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Chloromethane	0.010	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dibromomethane	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01940	AAB7231	2.5–5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Iodomethane	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Styrene	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Toluene	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Trichloroethene	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01940	AAB7231	2.5–5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Acetone	0.100	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Benzene	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Bromoform	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Bromomethane	0.010	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Chloroethane	0.010	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Chloroform	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01940	AAB7232	5–7.5	Soil	Chloromethane	0.010	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Iodomethane	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Styrene	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Toluene	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01940	AAB7232	5–7.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01940	AAB7232	5–7.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Acenaphthene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Acenaphthylene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Acetone	0.021	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Aluminum	383.000	mg/kg	J
21-01941	AAB7234	0–2.5	Soil	Americium-241	0.171	pCi/g	U
21-01941	AAB7234	0–2.5	Soil	Aniline	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Anthracene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Antimony	0.210	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Arsenic	0.630	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Azobenzene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Barium	18.000	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Benzene	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Benzo(a)anthracene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Benzo(a)pyrene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Benzo(b)fluoranthene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Benzo(g,h,i)perylene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Benzo(k)fluoranthene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Benzoic Acid	0.810	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Benzyl Alcohol	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Beryllium	0.210	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Bis(2-chloroethoxy)methane	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Bis(2-chloroethyl)ether	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Bis(2-ethylhexyl)phthalate	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Bromoform	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Bromomethane	0.011	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Bromophenyl-phenylether[4-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Butanone[2-]	0.021	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Butylbenzylphthalate	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Cadmium	0.420	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Calcium	162.000	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chloro-3-methylphenol[4-]	0.330	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01941	AAB7234	0–2.5	Soil	Chloroaniline[4-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chloroethane	0.011	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chloroform	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chloromethane	0.011	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chloronaphthalene[2-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chlorophenol[2-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Chromium	1.100	mg/kg	Uj
21-01941	AAB7234	0–2.5	Soil	Chrysene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Cobalt	1.500	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Copper	0.850	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dibenz(a,h)anthracene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dibenzofuran	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.011	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichlorobenzene[1,2-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichlorobenzene[1,3-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichlorobenzene[1,4-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichlorobenzidine[3,3'-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichlorodifluoromethane	0.011	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichlorophenol[2,4-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Diethylphthalate	0.330	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01941	AAB7234	0–2.5	Soil	Dimethyl Phthalate	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dimethylphenol[2,4-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Di-n-butylphthalate	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dinitro-2-methylphenol[4,6-]	0.810	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dinitrophenol[2,4-]	0.810	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dinitrotoluene[2,4-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Dinitrotoluene[2,6-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Di-n-octylphthalate	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Fluoranthene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Fluorene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Hexachlorobenzene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Hexachlorobutadiene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Hexachlorocyclopentadiene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Hexachloroethane	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Hexanone[2-]	0.021	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Indeno(1,2,3-cd)pyrene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Iodomethane	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Iron	2260.000	mg/kg	J
21-01941	AAB7234	0–2.5	Soil	Isophorone	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Lead	3.200	mg/kg	None
21-01941	AAB7234	0–2.5	Soil	Magnesium	134.000	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Manganese	253.000	mg/kg	None
21-01941	AAB7234	0–2.5	Soil	Methyl-2-pentanone[4-]	0.021	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Methylnaphthalene[2-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Methylphenol[2-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Methylphenol[4-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Naphthalene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nickel	2.900	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nitroaniline[2-]	0.810	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nitroaniline[3-]	0.810	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nitroaniline[4-]	0.810	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nitrobenzene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nitrophenol[2-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nitrophenol[4-]	0.810	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nitrosodimethylamine[N-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nitroso-di-n-propylamine[N-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Nitrosodiphenylamine[N-]	0.330	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01941	AAB7234	0–2.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Pentachlorophenol	0.810	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Phenanthrene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Phenol	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Plutonium-238	-0.001	pCi/g	U
21-01941	AAB7234	0–2.5	Soil	Plutonium-239	0.004	pCi/g	None
21-01941	AAB7234	0–2.5	Soil	Potassium	142.000	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Pyrene	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Selenium	0.630	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Silver	2.100	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Sodium	59.200	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Strontium-90	0.140	pCi/g	U
21-01941	AAB7234	0–2.5	Soil	Styrene	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Thallium	0.210	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Toluene	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trichloro-1,2,2-trifluoroethane[1,1,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trichlorobenzene[1,2,4-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trichlorophenol[2,4,5-]	0.810	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trichlorophenol[2,4,6-]	0.330	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Tritium	0.020	pCi/g	
21-01941	AAB7234	0–2.5	Soil	Uranium	1.270	mg/kg	J
21-01941	AAB7234	0–2.5	Soil	Uranium-235	0.115	pCi/g	U
21-01941	AAB7234	0–2.5	Soil	Vanadium	1.400	mg/kg	Uj
21-01941	AAB7234	0–2.5	Soil	Vinyl Chloride	0.011	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01941	AAB7234	0–2.5	Soil	Zinc	26.700	mg/kg	None
21-01941	AAB7235	2.5–5	Soil	Acetone	0.100	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Benzene	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Bromobenzene	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Bromochloromethane	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01941	AAB7235	2.5–5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Bromoform	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Bromomethane	0.010	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Chloroethane	0.010	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Chloroform	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Chloromethane	0.010	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dibromomethane	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Iodomethane	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Methylene Chloride	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01941	AAB7235	2.5–5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Styrene	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Toluene	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Trichloroethene	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01941	AAB7235	2.5–5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Acetone	0.100	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Benzene	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Bromobenzene	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Bromochloromethane	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Bromoform	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Bromomethane	0.010	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Butanone[2-]	0.100	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Butylbenzene[n-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Butylbenzene[sec-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Butylbenzene[tert-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Chloroethane	0.010	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Chloroform	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Chloromethane	0.010	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Chlorotoluene[2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Chlorotoluene[4-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dibromo-3-Chloropropane[1,2-]	0.010	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dibromoethane[1,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dibromomethane	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichlorobenzene[1,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichlorobenzene[1,3-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichlorobenzene[1,4-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01941	AAB7236	5–7.5	Soil	Dichlorodifluoromethane	0.010	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloroethene[cis-1,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloroethene[trans-1,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloropropane[1,3-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloropropane[2,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloropropene[1,1-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Hexanone[2-]	0.100	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Iodomethane	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Isopropylbenzene	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Isopropyltoluene[4-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Methyl-2-pentanone[4-]	0.100	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Propylbenzene[1-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Styrene	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Tetrachloroethane[1,1,1,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Toluene	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Trichloroethene	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Trichlorofluoromethane	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Trichloropropane[1,2,3-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Trimethylbenzene[1,2,4-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Trimethylbenzene[1,3,5-]	0.005	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-01941	AAB7236	5–7.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Acenaphthene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Acenaphthylene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Aluminum	4890.000	mg/kg	None
21-01933	AAB7246	0–0.5	Soil	Americium-241	0.220	pCi/g	U
21-01933	AAB7246	0–0.5	Soil	Aniline	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Anthracene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Antimony	0.260	mg/kg	Uj

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01933	AAB7246	0–0.5	Soil	Arsenic	2.700	mg/kg	None
21-01933	AAB7246	0–0.5	Soil	Azobenzene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Barium	63.500	mg/kg	None
21-01933	AAB7246	0–0.5	Soil	Benzo(a)anthracene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Benzo(a)pyrene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Benzo(b)fluoranthene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Benzo(g,h,i)perylene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Benzo(k)fluoranthene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Benzoic Acid	1.700	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Benzyl Alcohol	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Beryllium	0.310	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Bis(2-chloroethyl)ether	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Butylbenzylphthalate	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Cadmium	0.070	mg/kg	Uj
21-01933	AAB7246	0–0.5	Soil	Calcium	1900.000	mg/kg	None
21-01933	AAB7246	0–0.5	Soil	Cesium-137	0.329	pCi/g	None
21-01933	AAB7246	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Chloroaniline[4-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Chloronaphthalene[2-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Chlorophenol[2-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Chromium	3.800	mg/kg	None
21-01933	AAB7246	0–0.5	Soil	Chrysene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Cobalt	1.800	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Copper	0.080	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dibenz(a,h)anthracene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dibenzofuran	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dichlorobenzene[1,2-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dichlorobenzene[1,3-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dichlorobenzene[1,4-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dichlorophenol[2,4-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Diethylphthalate	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dimethyl Phthalate	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dimethylphenol[2,4-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Di-n-butylphthalate	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.840	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dinitrophenol[2,4-]	0.840	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01933	AAB7246	0–0.5	Soil	Dinitrotoluene[2,4-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Dinitrotoluene[2,6-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Di-n-octylphthalate	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Fluoranthene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Fluorene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Hexachlorobenzene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Hexachlorobutadiene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Hexachlorocyclopentadiene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Hexachloroethane	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Iron	5670.000	mg/kg	None
21-01933	AAB7246	0–0.5	Soil	Isophorone	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Lead	14.900	mg/kg	None
21-01933	AAB7246	0–0.5	Soil	Magnesium	963.000	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Manganese	237.000	mg/kg	None
21-01933	AAB7246	0–0.5	Soil	Mercury	0.090	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Methylnaphthalene[2-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Methylphenol[2-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Methylphenol[4-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Naphthalene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nickel	3.900	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nitroaniline[2-]	0.840	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nitroaniline[3-]	0.840	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nitroaniline[4-]	0.840	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nitrobenzene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nitrophenol[2-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nitrophenol[4-]	0.840	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nitrosodimethylamine[N-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Pentachlorophenol	0.840	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Phenanthrene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Phenol	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Plutonium-238	0.004	pCi/g	U
21-01933	AAB7246	0–0.5	Soil	Plutonium-239	0.134	pCi/g	J
21-01933	AAB7246	0–0.5	Soil	Potassium	780.000	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Pyrene	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Selenium	0.520	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Silver	0.100	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Strontium-90	1.270	pCi/g	J

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01933	AAB7246	0–0.5	Soil	Thallium	0.620	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.840	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.340	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Tritium	0.009	pCi/g	U
21-01933	AAB7246	0–0.5	Soil	Uranium	4.290	mg/kg	J
21-01933	AAB7246	0–0.5	Soil	Vanadium	8.100	mg/kg	U
21-01933	AAB7246	0–0.5	Soil	Zinc	24.100	mg/kg	J
21-01927	AAB7305	0–0.5	Soil	Acenaphthene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Acenaphthylene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Aluminum	9080.000	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Americium-241	0.202	pCi/g	U
21-01927	AAB7305	0–0.5	Soil	Aniline	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Anthracene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Antimony	0.270	mg/kg	Uj
21-01927	AAB7305	0–0.5	Soil	Arsenic	2.700	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Azobenzene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Barium	104.000	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Benzo(a)anthracene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Benzo(a)pyrene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Benzo(b)fluoranthene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Benzo(g,h,i)perylene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Benzo(k)fluoranthene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Benzoic Acid	1.600	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Benzyl Alcohol	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Beryllium	0.490	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Bis(2-chloroethyl)ether	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Butylbenzylphthalate	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Cadmium	0.060	mg/kg	Uj
21-01927	AAB7305	0–0.5	Soil	Calcium	1830.000	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Chloroaniline[4-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Chloronaphthalene[2-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Chlorophenol[2-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Chromium	8.200	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Chrysene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Cobalt	4.600	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01927	AAB7305	0–0.5	Soil	Copper	0.080	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dibenz(a,h)anthracene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dibenzofuran	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dichlorobenzene[1,2-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dichlorobenzene[1,3-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dichlorobenzene[1,4-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dichlorophenol[2,4-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Diethylphthalate	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dimethyl Phthalate	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dimethylphenol[2,4-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Di-n-butylphthalate	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	0.820	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dinitrophenol[2,4-]	0.820	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dinitrotoluene[2,4-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Dinitrotoluene[2,6-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Di-n-octylphthalate	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Fluoranthene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Fluorene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Hexachlorobenzene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Hexachlorobutadiene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Hexachlorocyclopentadiene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Hexachloroethane	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Iron	9360.000	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Isophorone	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Lead	23.500	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Magnesium	1720.000	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Manganese	303.000	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Mercury	0.080	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Methylnaphthalene[2-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Methylphenol[2-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Methylphenol[4-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Naphthalene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Nickel	6.800	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Nitroaniline[2-]	0.820	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Nitroaniline[3-]	0.820	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Nitroaniline[4-]	0.820	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Nitrobenzene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Nitrophenol[2-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Nitrophenol[4-]	0.820	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-01927	AAB7305	0–0.5	Soil	Nitrosodimethylamine[N-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Pentachlorophenol	0.820	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Phenanthrene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Phenol	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Plutonium-238	0.002	pCi/g	U
21-01927	AAB7305	0–0.5	Soil	Plutonium-239	0.310	pCi/g	J
21-01927	AAB7305	0–0.5	Soil	Potassium	1810.000	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Pyrene	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Selenium	0.540	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Silver	0.190	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Strontium-90	0.960	pCi/g	J
21-01927	AAB7305	0–0.5	Soil	Thallium	0.640	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.820	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.340	mg/kg	U
21-01927	AAB7305	0–0.5	Soil	Tritium	0.028	pCi/g	U
21-01927	AAB7305	0–0.5	Soil	Uranium	1.920	mg/kg	J
21-01927	AAB7305	0–0.5	Soil	Vanadium	18.900	mg/kg	None
21-01927	AAB7305	0–0.5	Soil	Zinc	27.400	mg/kg	J
21-09008	VCXX-95-0046	0–0.5	Soil	Acenaphthene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Acenaphthylene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Acetone	0.007	mg/kg	J
21-09008	VCXX-95-0046	0–0.5	Soil	Aluminum	9600.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Americium-241	0.150	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Anthracene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Antimony	8.900	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Aroclor-1016	0.036	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Aroclor-1221	0.036	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Aroclor-1232	0.036	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Aroclor-1242	0.036	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Aroclor-1248	0.036	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Aroclor-1254	0.036	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Aroclor-1260	0.036	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Arsenic	3.000	mg/kg	J
21-09008	VCXX-95-0046	0–0.5	Soil	Barium	150.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Benzene	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Benzo(a)anthracene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Benzo(a)pyrene	0.370	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09008	VCXX-95-0046	0–0.5	Soil	Benzo(b)fluoranthene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Benzo(g,h,i)perylene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Benzo(k)fluoranthene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Benzoic Acid	1.800	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Benzyl Alcohol	0.740	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Beryllium	1.100	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Bis(2-chloroethyl)ether	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Bromodichloromethane	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Bromoform	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Bromomethane	0.011	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Butanone[2-]	0.011	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Butylbenzylphthalate	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Cadmium	1.100	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Calcium	4700.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Carbazole	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Carbon Disulfide	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Carbon Tetrachloride	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.740	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chloroaniline[4-]	0.740	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chlorobenzene	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chlorodibromomethane	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chloroethane	0.011	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chloroform	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chloromethane	0.011	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chloronaphthalene[1-]	0.740	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chloronaphthalene[2-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chlorophenol[2-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Chromium	7.700	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Chrysene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Cobalt	5.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Copper	6.500	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Dibenz(a,h)anthracene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dibenzofuran	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichlorobenzene[1,2-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichlorobenzene[1,3-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichlorobenzene[1,4-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.740	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09008	VCXX-95-0046	0–0.5	Soil	Dichloroethane[1,1-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichloroethane[1,2-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichloroethene[1,1-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichloroethene[cis/trans-1,2-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichlorophenol[2,4-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichloropropane[1,2-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Diethylphthalate	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dimethyl Phthalate	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dimethylphenol[2,4-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Di-n-butylphthalate	0.097	mg/kg	J
21-09008	VCXX-95-0046	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	1.800	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dinitrophenol[2,4-]	1.800	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dinitrotoluene[2,4-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Dinitrotoluene[2,6-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Di-n-octylphthalate	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Diphenylamine	1.100	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Diphenylhydrazine[1,2-]	1.800	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Ethylbenzene	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Fluoranthene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Fluorene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Gross alpha	15.000	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Gross alpha/beta	32.000	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Gross beta	32.000	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Hexachlorobenzene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Hexachlorobutadiene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Hexachlorocyclopentadiene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Hexachloroethane	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Hexanone[2-]	0.011	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Iron	11000.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Isophorone	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Lead	43.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Magnesium	2200.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Manganese	270.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Mercury	0.110	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Methyl-2-pentanone[4-]	0.011	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Methylene Chloride	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Methylnaphthalene[2-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Methylphenol[2-]	0.370	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09008	VCXX-95-0046	0–0.5	Soil	Methylphenol[3-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Methylphenol[4-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Molybdenum	4.400	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Naphthalene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nickel	8.900	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nitroaniline[2-]	1.800	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nitroaniline[3-]	1.800	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nitroaniline[4-]	1.800	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nitrobenzene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nitrophenol[2-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nitrophenol[4-]	1.800	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nitrosodimethylamine[N-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Pentachlorophenol	1.800	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Phenanthrene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Phenol	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Plutonium-238	0.150	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Plutonium-239	0.140	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Potassium	1500.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Pyrene	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Selenium	1.200	mg/kg	Uj
21-09008	VCXX-95-0046	0–0.5	Soil	Silver	2.200	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Sodium	140.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Strontium	33.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Strontium-90	1.000	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Styrene	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Tetrachloroethene	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Thallium	1.200	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Toluene	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Trichloroethane[1,1,1-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Trichloroethane[1,1,2-]	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Trichloroethene	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.370	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Tritium	0.120	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Uranium-234	0.740	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Uranium-235	0.037	pCi/g	Limit

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09008	VCXX-95-0046	0–0.5	Soil	Uranium-238	0.770	pCi/g	Limit
21-09008	VCXX-95-0046	0–0.5	Soil	Vanadium	18.000	mg/kg	None
21-09008	VCXX-95-0046	0–0.5	Soil	Vinyl acetate	0.011	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Vinyl Chloride	0.011	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Xylene (Total)	0.006	mg/kg	U
21-09008	VCXX-95-0046	0–0.5	Soil	Zinc	31.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Acenaphthene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Acenaphthylene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Acetone	0.006	mg/kg	J
21-09009	VCXX-95-0047	0–0.5	Soil	Aluminum	2700.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Americium-241	0.140	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Anthracene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Antimony	8.300	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Aroclor-1016	0.034	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Aroclor-1221	0.034	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Aroclor-1232	0.034	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Aroclor-1242	0.034	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Aroclor-1248	0.034	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Aroclor-1254	0.034	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Aroclor-1260	0.034	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Arsenic	2.100	mg/kg	Uj
21-09009	VCXX-95-0047	0–0.5	Soil	Barium	76.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Benzene	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Benzo(a)anthracene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Benzo(a)pyrene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Benzo(b)fluoranthene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Benzo(g,h,i)perylene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Benzo(k)fluoranthene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Benzoic Acid	1.600	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Benzyl Alcohol	0.680	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Beryllium	1.000	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Bis(2-chloroethoxy)methane	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Bis(2-chloroethyl)ether	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Bis(2-ethylhexyl)phthalate	1.700	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Bromodichloromethane	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Bromoform	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Bromomethane	0.010	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Bromophenyl-phenylether[4-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Butanone[2-]	0.010	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Butylbenzylphthalate	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Cadmium	1.000	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09009	VCXX-95-0047	0–0.5	Soil	Calcium	1300.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Carbazole	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Carbon Disulfide	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chloro-3-methylphenol[4-]	0.680	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chloroaniline[4-]	0.680	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chlorobenzene	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chloroethane	0.010	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chloroform	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chloromethane	0.010	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chloronaphthalene[1-]	0.680	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chloronaphthalene[2-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chlorophenol[2-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chlorophenyl-phenyl[4-] Ether	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Chromium	3.400	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Chrysene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Cobalt	4.200	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Copper	4.600	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Dibenz(a,h)anthracene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dibenzofuran	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichlorobenzene[1,2-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichlorobenzene[1,3-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichlorobenzene[1,4-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichlorobenzidine[3,3'-]	0.680	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichlorophenol[2,4-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Diethylphthalate	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dimethyl Phthalate	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dimethylphenol[2,4-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Di-n-butylphthalate	0.120	mg/kg	J
21-09009	VCXX-95-0047	0–0.5	Soil	Dinitro-2-methylphenol[4,6-]	1.600	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dinitrophenol[2,4-]	1.600	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dinitrotoluene[2,4-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Dinitrotoluene[2,6-]	0.340	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09009	VCXX-95-0047	0–0.5	Soil	Di-n-octylphthalate	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Diphenylamine	1.000	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Diphenylhydrazine[1,2-]	1.600	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Ethylbenzene	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Fluoranthene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Fluorene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Gross alpha	11.000	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Gross alpha/beta	45.000	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Gross beta	45.000	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Hexachlorobenzene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Hexachlorobutadiene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Hexachlorocyclopentadiene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Hexachloroethane	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Hexanone[2-]	0.010	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Indeno(1,2,3-cd)pyrene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Iron	4800.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Isophorone	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Lead	82.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Magnesium	660.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Manganese	160.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Mercury	0.110	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Methyl-2-pentanone[4-]	0.010	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Methylene Chloride	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Methylnaphthalene[2-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Methylphenol[2-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Methylphenol[3-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Methylphenol[4-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Molybdenum	4.200	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Naphthalene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nickel	8.300	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nitroaniline[2-]	1.600	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nitroaniline[3-]	1.600	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nitroaniline[4-]	1.600	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nitrobenzene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nitrophenol[2-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nitrophenol[4-]	1.600	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nitrosodimethylamine[N-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nitroso-di-n-propylamine[N-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Nitrosodiphenylamine[N-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Oxybis(1-chloropropane)[2,2'-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Pentachlorophenol	1.600	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09009	VCXX-95-0047	0–0.5	Soil	Phenanthrene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Phenol	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Plutonium-238	0.097	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Plutonium-239	0.900	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Potassium	540.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Pyrene	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Selenium	1.000	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Silver	2.100	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Sodium	60.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Strontium	10.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Strontium-90	0.940	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Styrene	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Tetrachloroethene	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Thallium	1.000	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Toluene	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Trichlorobenzene[1,2,4-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Trichloroethene	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Trichlorophenol[2,4,5-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Trichlorophenol[2,4,6-]	0.340	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Tritium	0.080	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Uranium-234	1.500	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Uranium-235	0.087	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Uranium-238	1.500	pCi/g	Limit
21-09009	VCXX-95-0047	0–0.5	Soil	Vanadium	10.000	mg/kg	None
21-09009	VCXX-95-0047	0–0.5	Soil	Vinyl acetate	0.010	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Vinyl Chloride	0.010	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Xylene (Total)	0.005	mg/kg	U
21-09009	VCXX-95-0047	0–0.5	Soil	Zinc	18.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Acenaphthene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Acenaphthylene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Acetone	0.009	mg/kg	J
21-09010	VCXX-95-0048	0–0.25	Soil	Aluminum	7200.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Americium-241	0.120	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Anthracene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Antimony	8.300	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Aroclor-1016	0.034	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Aroclor-1221	0.034	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Aroclor-1232	0.034	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09010	VCXX-95-0048	0–0.25	Soil	Aroclor-1242	0.034	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Aroclor-1248	0.034	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Aroclor-1254	0.034	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Aroclor-1260	0.034	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Arsenic	2.600	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Barium	130.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Benzene	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Benzo(a)anthracene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Benzo(a)pyrene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Benzo(b)fluoranthene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Benzo(g,h,i)perylene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Benzo(k)fluoranthene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Benzoic Acid	1.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Benzyl Alcohol	0.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Beryllium	1.000	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Bis(2-chloroethoxy)methane	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Bis(2-chloroethyl)ether	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Bis(2-ethylhexyl)phthalate	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Bromodichloromethane	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Bromoform	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Bromomethane	0.010	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Bromophenyl-phenylether[4-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Butanone[2-]	0.010	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Butylbenzylphthalate	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Cadmium	1.000	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Calcium	2000.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Carbazole	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Carbon Disulfide	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chloro-3-methylphenol[4-]	0.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chloroaniline[4-]	0.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chlorobenzene	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chloroethane	0.010	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chloroform	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chloromethane	0.010	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chloronaphthalene[1-]	0.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chloronaphthalene[2-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chlorophenol[2-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chlorophenyl-phenyl[4-] Ether	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Chromium	8.300	mg/kg	None

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09010	VCXX-95-0048	0–0.25	Soil	Chrysene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Cobalt	7.200	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Copper	6.600	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Dibenz(a,h)anthracene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dibenzofuran	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichlorobenzene[1,2-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichlorobenzene[1,3-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichlorobenzene[1,4-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichlorobenzidine[3,3'-]	0.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichlorophenol[2,4-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Diethylphthalate	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dimethyl Phthalate	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dimethylphenol[2,4-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Di-n-butylphthalate	0.058	mg/kg	J
21-09010	VCXX-95-0048	0–0.25	Soil	Dinitro-2-methylphenol[4,6-]	1.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dinitrophenol[2,4-]	1.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dinitrotoluene[2,4-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Dinitrotoluene[2,6-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Di-n-octylphthalate	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Diphenylamine	1.100	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Diphenylhydrazine[1,2-]	1.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Ethylbenzene	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Fluoranthene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Fluorene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Gross alpha	11.000	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Gross alpha/beta	33.000	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Gross beta	33.000	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Hexachlorobenzene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Hexachlorobutadiene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Hexachlorocyclopentadiene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Hexachloroethane	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Hexanone[2-]	0.010	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Indeno(1,2,3-cd)pyrene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Iron	12000.000	mg/kg	None

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09010	VCXX-95-0048	0–0.25	Soil	Isophorone	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Lead	15.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Magnesium	1700.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Manganese	490.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Mercury	0.100	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Methyl-2-pentanone[4-]	0.010	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Methylene Chloride	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Methylnaphthalene[2-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Methylphenol[2-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Methylphenol[3-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Methylphenol[4-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Molybdenum	4.200	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Naphthalene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nickel	8.300	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nitroaniline[2-]	1.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nitroaniline[3-]	1.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nitroaniline[4-]	1.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nitrobenzene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nitrophenol[2-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nitrophenol[4-]	1.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nitrosodimethylamine[N-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nitroso-di-n-propylamine[N-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Nitrosodiphenylamine[N-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Oxybis(1-chloropropane)[2,2'-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Pentachlorophenol	1.700	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Phenanthrene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Phenol	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Plutonium-238	0.120	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Plutonium-239	3.630	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Potassium	1400.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Pyrene	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Selenium	1.000	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Silver	2.100	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Sodium	100.000	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Strontium	21.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Strontium-90	0.820	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Styrene	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Tetrachloroethene	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Thallium	1.000	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Toluene	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09010	VCXX-95-0048	0–0.25	Soil	Trichlorobenzene[1,2,4-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Trichloroethene	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Trichlorophenol[2,4,5-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Trichlorophenol[2,4,6-]	0.350	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Tritium	0.100	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Uranium-234	0.580	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Uranium-235	0.061	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Uranium-238	0.680	pCi/g	Limit
21-09010	VCXX-95-0048	0–0.25	Soil	Vanadium	24.000	mg/kg	None
21-09010	VCXX-95-0048	0–0.25	Soil	Vinyl acetate	0.010	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Vinyl Chloride	0.010	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Xylene (Total)	0.005	mg/kg	U
21-09010	VCXX-95-0048	0–0.25	Soil	Zinc	24.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Acenaphthene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Acenaphthylene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Acetone	0.007	mg/kg	J
21-09011	VCXX-95-0049	0–0.25	Soil	Aluminum	6500.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Americium-241	0.370	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Anthracene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Antimony	8.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Aroclor-1016	0.035	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Aroclor-1221	0.035	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Aroclor-1232	0.035	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Aroclor-1242	0.035	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Aroclor-1248	0.035	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Aroclor-1254	0.035	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Aroclor-1260	0.035	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Arsenic	2.200	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Barium	120.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Benzene	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Benzo(a)anthracene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Benzo(a)pyrene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Benzo(b)fluoranthene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Benzo(g,h,i)perylene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Benzo(k)fluoranthene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Benzoic Acid	17.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Benzyl Alcohol	7.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Beryllium	1.100	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Bis(2-chloroethoxy)methane	3.500	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09011	VCXX-95-0049	0–0.25	Soil	Bis(2-chloroethyl)ether	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Bis(2-ethylhexyl)phthalate	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Bromodichloromethane	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Bromoform	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Bromomethane	0.011	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Bromophenyl-phenylether[4-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Butanone[2-]	0.011	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Butylbenzylphthalate	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Cadmium	1.100	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Calcium	2000.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Carbazole	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Carbon Disulfide	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Carbon Tetrachloride	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chloro-3-methylphenol[4-]	7.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chloroaniline[4-]	7.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chlorobenzene	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chlorodibromomethane	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chloroethane	0.011	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chloroform	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chloromethane	0.011	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chloronaphthalene[1-]	7.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chloronaphthalene[2-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chlorophenol[2-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chlorophenyl-phenyl[4-] Ether	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Chromium	7.100	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Chrysene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Cobalt	6.500	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Copper	6.500	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Dibenz(a,h)anthracene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dibenzofuran	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichlorobenzene[1,2-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichlorobenzene[1,3-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichlorobenzene[1,4-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichlorobenzidine[3,3'-]	7.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichloroethane[1,1-]	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichloroethane[1,2-]	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichloroethene[1,1-]	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichloroethene[cis/trans-1,2-]	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichlorophenol[2,4-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichloropropane[1,2-]	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dichloropropene[cis-1,3-]	0.005	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09011	VCXX-95-0049	0–0.25	Soil	Dichloropropene[trans-1,3-]	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Diethylphthalate	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dimethyl Phthalate	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dimethylphenol[2,4-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Di-n-butylphthalate	3.500	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Dinitro-2-methylphenol[4,6-]	17.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dinitrophenol[2,4-]	17.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dinitrotoluene[2,4-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Dinitrotoluene[2,6-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Di-n-octylphthalate	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Diphenylamine	11.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Diphenylhydrazine[1,2-]	17.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Ethylbenzene	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Fluoranthene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Fluorene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Gross alpha	9.400	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Gross alpha/beta	27.000	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Gross beta	27.000	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Hexachlorobenzene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Hexachlorobutadiene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Hexachlorocyclopentadiene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Hexachloroethane	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Hexanone[2-]	0.011	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Indeno(1,2,3-cd)pyrene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Iron	10000.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Isophorone	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Lead	13.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Magnesium	1600.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Manganese	440.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Mercury	0.110	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Methyl-2-pentanone[4-]	0.011	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Methylene Chloride	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Methylnaphthalene[2-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Methylphenol[2-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Methylphenol[3-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Methylphenol[4-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Molybdenum	4.200	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Naphthalene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Nickel	8.800	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Nitroaniline[2-]	17.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Nitroaniline[3-]	17.000	mg/kg	U

Table D-2.0-2 (continued)

Location ID	Sample ID	Depth (ft)	Media Code	Analyte	Result	Unit	Report Qualifier
21-09011	VCXX-95-0049	0–0.25	Soil	Nitroaniline[4-]	17.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Nitrobenzene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Nitrophenol[2-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Nitrophenol[4-]	17.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Nitrosodimethylamine[N-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Nitroso-di-n-propylamine[N-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Nitrosodiphenylamine[N-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Oxybis(1-chloropropane)[2,2'-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Pentachlorophenol	17.000	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Phenanthrene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Phenol	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Plutonium-238	0.053	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Plutonium-239	1.500	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Potassium	1200.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Pyrene	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Selenium	1.100	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Silver	2.100	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Sodium	110.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Strontium	23.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Strontium-90	0.780	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Styrene	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Tetrachloroethane[1,1,2,2-]	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Tetrachloroethene	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Thallium	1.100	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Toluene	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Trichlorobenzene[1,2,4-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Trichloroethane[1,1,1-]	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Trichloroethane[1,1,2-]	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Trichloroethene	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Trichlorophenol[2,4,5-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Trichlorophenol[2,4,6-]	3.500	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Tritium	0.090	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Uranium-234	0.970	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Uranium-235	0.044	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Uranium-238	1.000	pCi/g	Limit
21-09011	VCXX-95-0049	0–0.25	Soil	Vanadium	21.000	mg/kg	None
21-09011	VCXX-95-0049	0–0.25	Soil	Vinyl acetate	0.011	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Vinyl Chloride	0.011	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Xylene (Total)	0.005	mg/kg	U
21-09011	VCXX-95-0049	0–0.25	Soil	Zinc	22.000	mg/kg	None

Appendix E

Statistical Evaluation of COPCs at SWMU 21-013(d)-99

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APPENDIX E STATISTICAL EVALUATION OF COPCS AT SWMU 21-013(d)-99

E-1.0 INTRODUCTION

This appendix describes the data screening methodology, including statistical tests and analyses, used to evaluate the residual concentrations of chemicals of potential concern (COPCs) at Solid Waste Management Unit (SWMU) 21-013(d)-99 relative to background. Also provided are details of the statistical evaluation of the COPCs that did not pass the screening evaluation (i.e., the methodology for calculating exposure point concentrations).

E-1.1 Background Threshold Comparison

A background threshold comparison was performed to determine which inorganic and radionuclide chemicals were detected below the established Los Alamos National Laboratories (LANL) background values (BVs) (LANL 1998, 59730); the results of the comparison are summarized in Section 2.3.2 of the main document text.

The following inorganic chemicals were above soil BVs: barium, cadmium, cobalt, lead, manganese, mercury, lead and zinc. The following inorganic chemicals were above tuff BVs: aluminum, arsenic, barium, beryllium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, and vanadium. Essential nutrients were not evaluated in the analysis of potential risk to human or ecological receptors at SWMU 21-013(d)-99 (i.e., calcium, magnesium, potassium, and sodium).

The following radionuclides were detected above soil BVs/fallout values: americium-241, plutonium-238, plutonium-239, strontium-90, and tritium. The following radionuclides were detected above tuff BVs: americium-241, plutonium-239, strontium-90, tritium, and uranium-235.

Additional analyses were performed for the inorganic chemicals to determine if there were statistical differences between the background and site data sets, as described in Sections E-1.2 and E-1.3.

E-1.2 Wilcoxon Rank Sum Test

The Wilcoxon Rank Sum (WRS) test is a nonparametric distributional test to determine if the distributions have the same medians at some allowable confidence, i.e., it tests whether the background data and the investigation data are similar. Nonparametric tests rank the data and indicate whether the rank ordering of the data shows differences between the data sets. The advantages of a nonparametric test are that it is valid with any shape of distribution, and is less sensitive to the presence of non-detects and the assumed values assigned to them. A parametric test is slightly more powerful than a nonparametric test for normally distributed data, but a nonparametric test may be more powerful for non-normally distributed data (EPA 1994, 73793 and US Navy 1998, 73786). The use of nonparametric tests for all distributions eliminates the need for distribution testing, and thereby minimizes the level of effort involved in statistical analysis.

The WRS test permits a moderate number of non-detect values, and can be used even if the non-detects are present in only one of the two data sets (Gilbert 1987, 56179). The WRS test compares two data sets of size n and m ($n > m$), and tests the null hypothesis that the samples were drawn from populations with distributions having the same medians. To perform the test, the two sets of observations are pooled and arranged in order from smallest to largest. Each observation is assigned a rank; that is, the smallest is ranked 1, the next largest is ranked 2, and so on up to the largest observation, which is ranked $(n + m)$. If ties occur between or within samples, each one is assigned the midrank. Next, the sum of the ranks of smaller data set m is calculated. Then the test statistic Z is determined,

$$Z = \frac{W - m(m+n+1)/2}{\sqrt{mn(m+n+1)/12}}$$

where

W = Sum of the ranks of the smaller data set

m = Number of data points in smaller group

n = Number of data points in larger group.

This test statistic Z is used to find the two-sided significance. For instance, if the test statistic yields a probability of a Type I error (p-level) less than 0.05, then there is a statistically significant difference between the medians at the 95% confidence level. A Type I error involves rejecting the null hypothesis when it is true. If the p-level is greater than 0.05, then there is no reasonable justification to reject the null hypothesis at the 95% confidence level. It can therefore be concluded that the medians of the two data sets are similar, and can be assumed to be drawn from the same population.

If the p-level is less than 0.05, it is concluded that the medians of the two distributions are significantly different at the 95% confidence level. This can occur if the site data are shifted higher or lower than the background data. If the site data are shifted higher relative to background, then contamination may be indicated. If the p-level is greater than 0.05, then pervasive site contamination is not suspected. The background threshold comparison was performed in parallel with the WRS test, to assess whether localized areas have significantly higher levels of residual contamination than the site as a whole.

Results of the WRS analysis are summarized in Table E-1.2-1 for the inorganic COPCs in soil and tuff at SWMU 21-013(d)-99. The following metals above background passed the WRS test: cadmium and zinc in soil, manganese in soil and tuff, and cobalt in tuff.

E-1.3 Quantile Test

The quantile test has been recommended in conjunction with the WRS test (Hardin and Gilbert 1993, 73773; EPA 1994, 73793; O'Brien and Gilbert 1997, 73770; US Navy 1999, 73786; and EPA 2000, 73790). The quantile test detects differences in the upper tails of two data sets (in other words, identifies areas of elevated concentrations at a site), as opposed to a shift in the medians, as tested by the WRS analysis. As with the WRS test, the two distributions are assumed to possess the same variance. The quantile test is a test of the null hypothesis that the site data are not different from the background data, with respect to the upper tails of the distributions. Disadvantages of the quantile test are that it is not sensitive to the magnitude of the outliers, and it assumes that either systematic or simple random sampling was employed. Large numbers of site and background samples may be required for the test to have sufficient power to detect differences between the two distributions. The test loses power if the highest site and background measurements include non-detects.

Table E-1.2-1
Wilcoxon Rank Sum Test Distribution Results, SWMU 21-013(d)-99

Analyte	Media	Valid N[a] for Background Data Set	Valid N for Site Data Set	Adjusted Z	Adjusted p-Level[b]	Pass/Fail Test[b]
Aluminum	Qbt3	63	38	2.90	0.004	Fail
Arsenic	Qbt3	64	38	7.79	0.000	Fail
Barium	Soil	173	38	-2.21	0.028	Fail
Barium	Qbt3	63	38	4.32	0.000	Fail
Beryllium	Qbt3	64	38	-2.66	0.008	Fail
Cadmium	Soil	39	38	0.57	0.567	Pass
Chromium	Qbt3	64	38	8.33	0.000	Fail
Cobalt	Soil	131	38	-2.40	0.016	Fail
Cobalt	Qbt3	11	38	1.27	0.204	Pass
Copper	Qbt3	64	38	6.15	0.000	Fail
Iron	Qbt3	64	38	2.05	0.041	Fail
Lead	Soil	173	38	4.84	0.000	Fail
Lead	Qbt3	63	38	2.88	0.004	Fail
Manganese	Soil	173	38	-1.23	0.218	Pass
Manganese	Qbt3	64	38	1.18	0.237	Pass
Mercury	Soil	39	38	-6.39	0.000	Fail
Mercury	Qbt3	—[c]	—	—	—	—
Nickel	Qbt3	63	38	6.29	0.000	Fail
Selenium	Qbt3	15	38	4.48	0.000	Fail
Vanadium	Qbt3	64	38	4.15	0.000	Fail
Zinc	Soil	172	38	0.43	0.668	Pass

[a] N = Number of samples.
[b] p-Level ≥ 0.05 = Pass, indicating the distributions are not statistically different at the 95% confidence level.
[c] — = Background data set not available.

The quantile testing procedure is as follows (EPA 1994, 73793):

- Specify the required Type I error rate (0.05) and then select the corresponding table;
- Enter *m* and *n* (the number of background and site area samples, respectively) into the selected table to find the values of *r* (reference or background area) and *k* (SWMU 21-013[d]-99) needed for the quantile test;
- If the table has no value of *r* or *k* for the corresponding values of *m* and *n*, enter the closest values of *m* and *n* into the table (in this case, the α level in the table will not apply to the actual values of *m* and *n*);
- Order from smallest to largest the combined $m + n$ (N) measurements;

- Count the number, *k*, of the measurements from the site that are greater than the largest background value; and
- If the observed *k* is greater than or equal to the tabled value of *k*, then reject the null hypothesis and conclude that the site is not similar to background for that COPC at the proposed α (i.e., the COPC is retained for further analysis).

Results of the quantile analysis are summarized in Table E-1.3-1 for the inorganic COPCs in soil and tuff at SWMU 21-013(d)-99. The following metals passed the quantile analysis: barium and mercury in soil, cobalt and manganese in soil and tuff, and beryllium and iron in tuff.

Table E-1.3-1
Quantile Test Results, SWMU 21-013(d)-99

Analyte	Media	Valid N[a] for Background Data Set	Valid N for Site Data Set	Table k[b,c]	Observed k	Pass/Fail Test[d]
Aluminum	Qbt3	63	38	3	11	Fail
Arsenic	Qbt3	64	38	3	11	Fail
Barium	Soil	173	38	2	2	Pass
Barium	Qbt3	63	38	3	16	Fail
Beryllium	Qbt3	64	38	3	2	Pass
Cadmium	Soil	39	38	4	24	Fail
Chromium	Qbt3	64	38	3	38	Fail
Cobalt	Soil	131	38	2	1	Pass
Cobalt	Qbt3	11	38	12	10	Pass
Copper	Qbt3	64	38	3	14	Fail
Iron	Qbt3	64	38	3	1	Pass
Lead	Soil	173	38	2	10	Fail
Lead	Qbt3	63	38	3	9	Fail
Manganese	Soil	173	38	2	1	Pass
Manganese	Qbt3	64	38	3	2	Pass
Mercury	Soil	39	38	4	4	Pass
Mercury	Qbt3	—[e]	—	—	—	—
Nickel	Qbt3	63	38	3	12	Fail
Selenium	Qbt3	15	38	9	26	Fail
Vanadium	Qbt3	64	38	3	5	Fail
Zinc	Soil	172	38	2	4	Fail

[a] N = Number of samples.
[b] EPA 1994.
[c] k = Exceedence of site data.
[d] Pass = Quantile test determined the background and site data set distribution upper tails are not different.
[e] — = Background data set not available.

E-1.4 Background Comparison Summary

Results of the background analysis for SWMU 21-013(d)-99 are summarized in Table E-1.4-1. Inorganic chemicals were eliminated as COPCs for the following reasons:

- The maximum concentration in the site data set was less than the corresponding BV;
- The distribution comparison passed for both the WRS and quantile test; and
- The analyte failed the WRS test due to the fact that the site median was statistically different than background but was at a lower concentration and the distribution passed the quantile test.

The analysis determined that the following inorganic chemicals were below background in both soil and tuff: antimony, beryllium, cobalt, manganese, silver, and thallium. The following inorganic chemicals failed the background analysis for soil and were determined to be COPCs: cadmium, lead, and zinc. The following inorganic chemicals failed the background analysis for tuff and were determined to be COPCs: aluminum, arsenic, barium, chromium, copper, iron, lead, mercury, nickel, selenium, and vanadium.

Table E-1.4-1
Background Test Matrix Table, SWMU 21-013(d)-99

Analyte	Media	Below/Above Background	Wilcoxon Rank Sum Pass/Fail	Quantile Pass/Fail	COPC?
Aluminum	soil	Below	—[a]	—	Yes
Aluminum	Qbt3	Above	Fail	Fail	
Antimony	soil	Below	—	—	No
Antimony	Qbt3	Below	—	—	
Arsenic	soil	Below	—	—	Yes
Arsenic	Qbt3	Above	Fail	Fail	
Barium	soil	Above	Fail[b]	Pass	Yes
Barium	Qbt3	Above	Fail	Fail	
Beryllium	soil	Below	—	—	No
Beryllium	Qbt3	Above	Fail[b]	Pass	
Cadmium	soil	Above	Pass	Fail	Yes
Cadmium	Qbt3	Below	—	—	
Chromium	soil	Below	—	—	Yes
Chromium	Qbt3	Above	Fail	Fail	
Cobalt	soil	Above	Fail[b]	Pass	No
Cobalt	Qbt3	Above	Pass	Pass	
Copper	soil	Below	—	—	Yes
Copper	Qbt3	Above	Fail	Fail	
Iron	soil	Below	—	—	Yes
Iron	Qbt3	Above	Fail	Pass	
Lead	soil	Above	Fail	Fail	Yes
Lead	Qbt3	Above	Fail	Fail	

Table E-1.4-1 (continued)

Analyte	Media	Below/Above Background	Wilcoxon Rank Sum Pass/Fail	Quantile Pass/Fail	COPC?
Manganese	soil	Above	Pass	Pass	No
Manganese	Qbt3	Above	Pass	Pass	
Mercury	soil	Above	Fail[b]	Pass	Yes
Mercury	Qbt3	Above	NA[c]	NA	
Nickel	soil	Below	—	—	Yes
Nickel	Qbt3	Above	Fail	Fail	
Selenium	soil	Below	—	—	Yes
Selenium	Qbt3	Above	Fail	Fail	
Silver	soil	Below	—	—	No
Silver	Qbt3	Below	—	—	
Thallium	soil	Below	—	—	No
Thallium	Qbt3	Below	—	—	
Vanadium	soil	Below	—	—	Yes
Vanadium	Qbt3	Above	Fail	Fail	
Zinc	soil	Above	Pass	Fail	Yes
Zinc	Qbt3	Below	—	—	

[a] — = The statistical tests were not required because all data were below the established LANL BVs.

[b] Wilcoxon Rank Sum failed due to the fact that the site median was statistically less than the background median.

[c] NA denotes no background data set was available for comparison.

E-2.0 CALCULATION OF COPC EXPOSURE POINT CONCENTRATIONS

A representative concentration was calculated for each COPC in each medium. This representative concentration is the exposure point concentration used in the assessment of potential risk to human and ecological receptors at SWMU 21-013(d)-99. The exposure point concentration used in this analysis was the 95% upper confidence limit (UCL) of the mean for each COPC. The 95% UCL concentrations of each COPC in soil and tuff were calculated as described in US Environmental Protection Agency guidance (Lockheed Martin 2002, 73767).

E-2.1 Distribution Testing

Tests were performed using ProUCL (Lockheed Martin 2002, 73767) to determine the type of statistical distribution and related parameters that describe each data set. These tests determine whether a normal or lognormal distribution can be used to describe the data sets and ensure that the assumptions inherent in the UCL calculations are valid.

E-2.2 Methods for Computing a 95% UCL Concentration

ProUCL computes a (1-α) 100% UCL of the population mean using a variety of methods. The following procedures were used in the derivation of 95% UCL exposure point concentrations (depending on the distribution test results):

- Student's t-statistic—for normal or approximately normal distributions;
- Standard Bootstrap procedure—for lognormal and non-parametric distributions.

E-2.2-1 95% UCL Concentration Based Upon Student's t-Statistic

The Student's t-statistic is given by

$$t = \frac{\bar{x} - \mu_1}{s_x / \sqrt{n}},$$

where

$\bar{x}$ = Sample mean

s_x = Sample standard deviation

μ_1 = Population mean

n = Number of samples.

If the data are a random samples from a normal population with mean, μ_1, and standard deviation, σ_1, then the distribution of this statistic is the Student's t distribution with n-1 degrees of freedom; $t_{\alpha, n-1}$ is the upper α quantile of the Student's t distribution with n-1 degrees of freedom.

A (1-α) 100% UCL of the population mean, μ_1, is given by

$$UCL = \bar{x} + t_{\alpha, n-1} s_x / \sqrt{n}.$$

For a normally distributed population (when the skewness is about 0), the Student's t-statistic provides the best way of computing a 95%UCL concentration. However, even for mildly to moderately skewed data sets (e.g., when σ starts approaching and exceeding 0.5), the 95% UCL concentration may not provide the desired coverage to the population mean, which is especially true when the sample size is smaller than 20–25 (Singh et al. 2000, 65241.1) and worsens for higher values of the standard deviation, σ, or its estimate, s_x.

E-2.2.2 95% UCL Concentration Using Standard Bootstrap Procedure

Bootstrap procedures Efron (1981, 73797 ; 1982, 73771) are nonparametric statistical techniques that can be used to reduce the bias of point estimate and construct approximate confidence intervals for parameters, such as the population mean. These procedures require no assumptions regarding the statistical distribution (e.g., normal or lognormal) for the underlying population, and can be applied to a variety of situations no matter how complicated.

Let $x_1, x_2, \ldots, x_n$ be a random sample of size n from a population with an unknown parameter, θ (e.g., θ = μ_1), and let $\hat{\theta}$ be an estimate of θ, which is a function of all n observations. For example, the parameter θ, could be the population mean, and a reasonable choice for the estimate, $\hat{\theta}$, might be the sample mean,

$\bar{x}$. Another choice for $\hat{\theta}$ is the minimum variance unbiased estimator (MVUE) of the mean of a lognormal population, when dealing with lognormal data sets.

In the bootstrap procedure, repeated samples of size n are drawn, with replacement, from a given set of observations. The process is repeated a large number of times (e.g., 2,000), and each time an estimate, $\hat{\theta}_i$, of θ is computed. The estimates thus obtained are used in turn to compute an estimate of the standard error of $\hat{\theta}$. A description of the bootstrap method, illustrated by application to the population mean, μ_1, and the sample mean, $\bar{x}$, is given as follows:

Step 1. Let (x_{i1}, x_{i2}, ... , x_{in}) represent the ith sample of size n <u>with replacement</u> from the original data set (x_1, x_2, ..., x_n). Then compute the sample mean and denote it by $\bar{x}_i$.

Step 2. Perform Step 1 independently N times (e.g., 1,000-2,000), each time calculating a new estimate. Denote those estimates by $\bar{x}_1, \bar{x}_2, ..., \bar{x}_n$. The bootstrap estimate of the population mean is the arithmetic mean, $\bar{x}_B$ of the N estimates $\bar{x}_i : i = 1,2, ..., N$.

The bootstrap estimate of the standard error of the estimate, $\bar{x}$, is given by

$$\hat{\sigma}_B = \sqrt{\frac{1}{N-1}\sum_{i=1}^{N}(\bar{x}_i - \bar{x}_B)^2}.$$

If some parameter, θ other than the mean is of concern (say, a population median) with an associated estimate (e.g., the sample median), then the same steps described above could be applied with the parameter and its estimate used in place of μ_1 and $\bar{x}$. Specifically, the estimate, $\hat{\theta}_i$, would be computed, instead of $\bar{x}_i$, for each of the N bootstrap samples. The general bootstrap estimate, denoted by $\bar{\theta}_B$, is the arithmetic mean of the N estimates. The difference, $\bar{\theta}_B - \hat{\theta}$, provides an estimate of the bias of the estimate, $\hat{\theta}$, and the bootstrap estimate of the standard error of $\hat{\theta}$ is

$$\hat{\sigma}_B = \sqrt{\frac{1}{N-1}\sum_{i=1}^{N}(\hat{\theta}_i - \bar{\theta}_B)^2}.$$

The (1-α) 100% standard bootstrap UCL for θ is given by

$$UCL = \hat{\theta} + z_\alpha \hat{\sigma}_B.$$

The 95% UCL concentration obtained using the standard bootstrap procedure is quite similar to the 95% UCL concentration obtained using the Student's t-statistic, and, as such, does not adequately adjust for skewness.

E-2.3 95% UCL COPC Concentrations

Results of distribution testing of soil and tuff are shown in the Table E-2.3-1. For undetected chemicals, one-half of the reported U-qualified concentration was substituted as the concentration of the COPC for all statistical calculations.

For SWMU 21-013(d)-99, results of the analysis showed that aluminum, copper, iron, and vanadium were normally distributed; arsenic, lead, and bis(2-ethylhexyl)phthalate were lognormally distributed; and all of the remaining COPCs were nonparametric. The 95% UCL of the mean concentrations of all COPCs are summarized in Table E-2.3-1.

Table E-2.3-1
Summary Statistics for Chemicals Identified as COPCs, SWMU 21-013(d)-99

COPC	Number of Analyses[a]	Distribution Type	Minimum Concentration (mg/kg)	Maximum Concentration (mg/kg)	Mean Concentration (mg/kg)	Standard Deviation (mg/kg)	95% UCL (mg/kg)
Inorganic Chemicals							
Aluminum	72	Normal	472	21330	7742	4868	8699
Arsenic	72	Lognormal	1.41	7.27	2.82	0.82	2.97
Barium	72	Non-parametric	8.96	468	85.8	79.2	101
Cadmium	72	Non-parametric	0.05	0.67	0.43	0.18	0.46
Chromium	72	Non-parametric	3.77	679	50.3	123	73.2
Copper	72	Normal	1.04	15.5	5.24	2.54	5.74
Iron	72	Normal	2940	16990	9047	3146	9665
Lead	72	Lognormal	2.06	74.7	14.3	11.1	16.5
Mercury	72	Non-parametric	0.001	0.56	0.04	0.07	0.05
Nickel	72	Non-parametric	1.36	48.8	7.93	8.57	9.59
Selenium	72	Non-parametric	0.16	1.37	0.45	0.18	0.48
Vanadium	72	Normal	1.40	34.9	13.7	8.44	15.3
Zinc	72	Non-parametric	16.3	276	35.8	30.3	41.5
Organic Chemicals							
Bis(2-ethylhexyl)phthalate	70	Lognormal	0.02[b]	1.40	0.11	0.18	0.15
Dichloroethene[1,1-]	70	Non-parametric	0.0003[b]	0.0055	0.0009	0.00099	0.001
Fluoranthene	70	Non-parametric	0.01[b]	0.06	0.02	0.007	0.02
Isopropyltoluene[4-]	70	Non-parametric	0.0003[b]	0.0118	0.0010	0.0015	0.0013
Pyrene	70	Non-parametric	0.009[b]	0.059	0.019	0.007	0.021
Toluene	70	Non-parametric	0.0004	0.0015	0.0006	0.0001	0.0006
Radionuclides							
Americium-241	70 (65)[c]	Lognormal	0.0008	0.876	0.067	0.133	0.094
Plutonium-238	71 (56)[c]	Non-parametric	6.10E-11	0.0467	0.0062	0.0099	0.0084
Plutonium-239	71 (67)[c]	Non-parametric	0.001	4.79	0.73	1.10	0.94
Strontium-90	71 (60)[c]	Non-parametric	0.0037	2.92	0.107	0.378	0.187
Tritium	70	Non-parametric	0.0007	0.476	0.132	0.141	0.159
Uranium-235	71	Normal	0.003	0.17	0.06	0.03	0.06

[a] Does not include field duplicates.

[b] Value is one-half the detection limit.

[c] The number in parentheses denotes the number of samples used for statistical calculations; non-detections with activities reported as less than zero (i.e., negative) were removed from the analysis.

E-3.0 REFERENCES

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Appendix F

ESLs and Ecological Scoping Checklist

Table F-1.0-1 presents the ecological screening levels (ESLs) for chemicals of potential concern (COPCs) at Solid Waste Management Unit 21-013(d)-99. COPCs for which no ESLs are available for any receptors are not included in the table (i.e., iron and isopropyltoluene[4-]).

The ecological scoping checklist, prepared on October 22, 2002 and updated August 28, 2003, is included in this appendix.

Table F-1.0-1
ESLs for Contaminants of Potential Ecological Concern and Terrestrial Receptors at SWMU 21-013(d)-99

	Plant	Invertebrate	Robin (Insectivore)	Robin (Omnivore)	Robin (Herbivore)	Kestrel (100% Carnivore)	Kestrel (Intermediate Carnivore)	Desert Cottontail	Deer Mouse	Vagrant Shrew	Red Fox	Final ESL	Final ESL Receptor
Inorganic Chemicals (mg/kg)													
Arsenic	10.0	6.80[a]	19.0	32.0	100	2,400	140	21.0	1.70[a]	0.83[a]	97.0	0.83[a]	Vagrant shrew
Barium	100[a]	---	230[a]	380	1,000	46,000	1,700	35.0[a]	4.60[a]	2.50[a]	430	2.50[a]	Vagrant shrew
Cadmium	1.00	10.0	0.0075[a]	0.013[a]	0.093[a]	6.90	0.053[a]	0.15[a]	0.0091[a]	0.0047[a]	4.00	0.0047[a]	Vagrant shrew
Chromium	2.40[a]	1.40[a]	460	550	680	13,000	5,300	8,000	2,100	700	18,000	1.40[a]	Invertebrate
Copper	10.0[a]	13.0[a]	25.0	20.0	17.0	1,400	210	930	530	520	27,000	10.0[a]	Plant
Lead	520	2,000	150	200	300	7,800	1,400	930	220	100	4,600	100	Vagrant shrew
Mercury	34.0	0.05[a]	0.61	0.87	1.40	12.0	4.60	250	44.0	20.0	450	0.05[a]	Invertebrate
Nickel	20.0	100	350	440	580	13,000	3,500	13.0[a]	3.60[a]	1.50[a]	53.0	1.50[a]	Vagrant shrew
Selenium	0.10[a]	7.70	1.10[a]	2.00	10.0	140	8.40	55.0	1.90	0.91[a]	110	0.10[a]	Plant
Vanadium	0.03[a]	---	2.80[a]	5.10[a]	28.0[a]	510	21.0[a]	790	20.0[a]	9.60[a]	1,500	0.03[a]	Plant
Zinc	10.0[a]	350	97.0	130	210	4,900	660	1.00[a]	0.28[a]	0.19[a]	12.0[a]	0.19[a]	Vagrant shrew
Organic Chemicals (mg/kg)													
Bis(2-ethylhexyl)phthalate	---	---	1.00	1.90	23.0	1.70	2.30	3,600	61.0	30.0	64.0	1.00	Vagrant shrew
Dichloroethene[1,1-]	---	---	---	---	---	---	---	100	63.0	87.0	14,000	63.0	Deer mouse
Fluoranthene	---	---	---	---	---	---	---	570	49.0	26.0	430	26	Vagrant shrew
Pyrene	---	---	---	---	---	---	---	340	29.0	15.0	260	15	Vagrant shrew
Toluene	200	---	---	---	---	---	---	160	73.0	70.0	12,000	70	Vagrant shrew
Radionuclides (pCi/g)													
Americium-241	21,000	44.0	4,000	4,000	13,000	62,000	35,000	32,000	32,000	31,000	26,000	44	Invertebrate
Plutonium-238	110,000	44.0	2,000	2,100	8,300	130,000	32,000	120,000	110,000	92,000	30,000	44	Invertebrate
Plutonium-239	160,000	47.0	2,100	2,100	8,600	160,000	34,000	170,000	150,000	110,000	33,000	47	Invertebrate
Strontium-90	1,300	1,200	1,500	930	600	1,900	2,400	1,300	1,700	1,700	560	560	Red fox
Tritium	36,000	48,000	600,000	440,000	300,000	580,000	630,000	230,000	330,000	340,000	190,000	36,000	Plant
Uranium-235	4,000	55.0	6,400	6,400	9,000	10,000	10,000	5,100	5,100	5,100	4,800	55	Invertebrate

[a] ESL is less than soil background value.

ECOLOGICAL SCOPING CHECKLIST

Part A—Scoping Documentation

Site ID	SWMU 21-013(d)-99
Form of site releases (solid, liquid, vapor). Describe all relevant known or suspected mechanisms of release (spills, dumping, material disposal, outfall, explosive testing, etc.) and describe potential areas of release. Reference locations on a map as appropriate.	The primary mechanism of release at SWMU 21-013(d)-99 is related to the former surface disposal operations at the site. Solid material and debris comprised the majority of the site releases associated with SWMU 21-013(d)-99. Disposal items included (but were not limited to) soil piles, wood scrap, scrap metal, car parts, glass, cans, plastic bags, and construction debris. Contaminants may have leached from debris material and contaminated surface and subsurface soil and tuff at the site.
List of Primary Impacted Media (Indicate all that apply.)	**Surface soil – X** Residual COPC concentrations have been measured in surface soil and tuff remaining at the site. **Surface water/sediment –** **Subsurface – X** Residual COPC concentrations have been measured in the subsurface soil and tuff of the site. **Groundwater –** **Other, explain –**
FIMAD vegetation class based on Arcview vegetation coverage (Indicate all that apply.)	Water – Bare Ground/Unvegetated – **X** Spruce/fir/aspen/mixed conifer – Ponderosa pine – **X** Piñon juniper/juniper savannah – **X** Grassland/shrubland – **X** Developed – SWMU 21-013(d)-99 exists within the ecological transition zone of the piñon/juniper woodlands and the ponderosa pine woodlands; thus, the overstory contains a mosaic of piñon, juniper, and ponderosa pine. Scrub oak and grasses are the prominent understory species. Areas within the SWMU (towards the southern extent of the site) have thin soils or exposed tuff areas lacking vegetative cover.
Is T&E Habitat Present? If applicable, list species known or suspected to use the site for breeding or foraging.	SWMU 21-013(d)-99 is adjacent to core habitat for nesting and foraging of the Mexican spotted owl (LANL internal NEPA review, 10/17/02), though nesting of the owl has not been confirmed at the SWMU.
Provide list, of Neighboring/ Contiguous/ Up-gradient sites, includes a brief summary of COPCs and the form of releases for relevant sites and reference a map as appropriate. (Use this information to evaluate the need to aggregate sites for screening.)	SWMU 21-013(d)-99 is adjacent to SWMU 21-024(f), the former location of a septic tank and outfall. AOCs C-20-015 and C-21-030 (location of a former building and associated sump) are also nearby SWMU 21-013(d)-99. SWMUs 21-018(a and b), 21-013(b), 21-015, 21-023(c), 21-027(d) and C-21-030 located across a roadway, south of SWMU 21-013(d)-99. Numerous SWMUs are located within the nearby TA-21 facility complex, including SWMU 21-021-99, a consolidated SWMU representing potential surface soil contamination from historical airborne releases from incinerators, stacks, and filter houses at TA-21.
Surface Water Erosion Potential Information Summarize information from	Vegetative cover within SWMU 21-013(d)-99 varies between 25% and 75%. Some areas are primarily exposed soil and/or tuff, while others have healthy grasses and forbs and numerous trees (ponderosa pine, piñon,

ECOLOGICAL SCOPING CHECKLIST

Part A—Scoping Documentation (continued)

Site ID	SWMU 21-013(d)-99
SOP 2.01, including the run-off subscore (maximum of 46); terminal point of surface water transport; slope; and surface water run-on sources.	and juniper). The terminal point for surface water run-off is identified as a meadow that is down-gradient of the site, also down-gradient of the site is DP Canyon (approximately 1,500 ft east of the SWMU), which may receive run-off. The erosion potential was determined to be 9.1, with slopes generally less than 10%, indicating a low potential for erosion. The SWMU is on the top of a mesa, but has a surface water run-on score of 7.0, indicating that there are minor, natural drainages to the site.

Part B—Site Visit Documentation

Receptor Information:

Estimate cover	**Relative vegetative cover (high, medium, low, none) =** Medium to high. **Relative wetland cover (high, medium, low, none) =** None. **Relative structures/asphalt, etc. (high, medium, low, none) =** None.
Field notes on the FIMAD vegetation class to assist in ground-truthing the Arcview information	SWMU 21-013(d)-99 exists within the ecological transition zone of the piñon/juniper woodlands and the ponderosa pine woodlands; thus, the overstory contains a mosaic of piñon, juniper, and ponderosa pine. Scrub oak and grasses are the prominent understory species. Areas within the SWMU (towards the southern extent of the site) have thin soils or exposed tuff areas lacking vegetative cover. The vegetation description provided here was confirmed during a site visit on October 02, 2002.
Field notes on T&E Habitat, if applicable. Consider the need for a site visit by a T&E subject matter expert to support the use of the site by T&E receptors.	SWMU 21-013(d)-99 is adjacent to core habitat for nesting and foraging of the Mexican spotted owl (LANL internal NEPA review, 10/17/02), though nesting of the owl has not been confirmed at the SWMU.
Are ecological receptors present at the site? (yes/no/uncertain) Describe the general types of receptors present at the site (terrestrial and aquatic), and make notes on the quality of habitat present at the site.	Yes. Terrestrial plants and animals are present at the site. Mammal burrows that appear limited in extent and in isolated locations were identified during the site visit, as were small mammal tracks. Ground-dwelling insects (ants) and pollinating insects (probably small bees) were also observed. Other than the areas with thin soil and exposed tuff, the habitat quality is high and the site supports a vigorous understory vegetation mix of grasses and forbs appropriate for foraging animals.

Contaminant Transport Information:

Surface water transport Field notes on the erosion potential, including a discussion of the terminal point of surface water transport (if applicable).	The medium ground cover combined with slopes that are generally less than 10% indicate that surface water transport is minimal, though some evidence of sheet flow exists on the surface. Run-off terminates in a down-gradient meadow, but large precipitation events may cause surface water transport to the DP Canyon to the east. Erosion of the topsoil has been mitigated by the implementation of BMPs, including slope stabilization and erosion control measures
Are there any off-site transport pathways (surface water, air, or groundwater)? (yes/no/uncertain) Provide explanation	**Surface Water:** Uncertain. Run-on and run-off are generally limited because of the site's location on the top of a mesa and the gentle slopes. Run-off terminates in a down-gradient meadow, but may terminate in the adjacent DP Canyon during large precipitation events. Note that the surface water in the DP Canyon is intermittent. **Air:** Yes. Volatile chemicals identified in the soil samples from the site may be released to the atmosphere. Additionally, transport of COPCs via dust may occur. Volatile chemicals at the site have been detected at trace levels, so the pathway is inconsequential to potential ecological receptors. **Groundwater:** No. The low, average precipitation at the site and the depth to groundwater at TA-21 (1,100 feet) preclude the pathway to groundwater, i.e., evapotranspiration rates far exceed infiltration rates.

Part B—Site Visit Documentation

Contaminant Transport Information:

Are there any off-site transport pathways (surface water, air, or groundwater)? (yes/no/uncertain) Provide explanation	**Groundwater:** Additionally, a deep well drilled at the adjacent DP Canyon (800 feet) did not find perched groundwater. Lastly, no seeps or springs are located near the site, indicating that perched alluvial aquifers are also absent in the region.
Interim action needed to limit off-site transport? (yes/no/uncertain) Provide explanation/ recommendation to project lead for IA SMDP.	No. Off-site transport of the topsoil remaining at SWMU 21-013(d)-99 has been mitigated by the implementation of BMPs, including slope stabilization and erosion control measures.

Ecological Effects Information:

Physical Disturbance (Provide list of major types of disturbances, including erosion and construction activities, review historical aerial photos where appropriate.)	Disturbances now evident are associated with the previous site use for debris disposal and the subsequent excavation of the debris. Disturbances include the removal of vegetation and top soil in areas of the site.
Are there obvious ecological effects? (yes/no/uncertain) Provide explanation and apparent cause (e.g., contamination, physical disturbance, other).	No. However, other than the small areas with evidence of disturbance, the remaining habitat appeared healthy and capable of supporting foraging and other activities such as burrowing by ecological receptors.
Interim action needed to limit apparent ecological effects? (yes/no/uncertain) Provide explanation and recommendations to mitigate apparent exposure pathways to project lead for IA SMDP.	No.

Exposure/Transport Pathways:

If there are <u>no complete exposure pathways</u> to ecological receptors onsite and no transport pathways to offsite receptors, the remainder of the checklist should not be completed. Stop here and provide additional explanation/justification for proposing an ecological No Further Action recommendation (if needed). At a minimum, the potential for future transport should include likelihood that future construction activities could make contamination more available for exposure or transport.

Not applicable.

Part C—Ecological Pathways Conceptual Exposure Model

Question A:

Could soil contaminants reach receptors via vapors?

Volatility of the hazardous substance (volatile chemicals generally have Henry's Law constant >10^{-5} atm-me/mol and molecular weight <200 g/mol).

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Organic compounds of varying volatility were detected in confirmation soil samples taken in 2003. However, potential exposure to these organics is not expected to cause adverse ecological effects because the chemicals were detected in a limited number of samples and at very low concentrations.

Question B:

Could the soil contaminants reach receptors through fugitive dust carried in air?

Soil contamination would have to be on the actual surface of the soil to become available for dust.

In the case of dust exposures to burrowing animals, the contamination would have to occur in the depth interval where these burrows occur.

Answer (likely/unlikely/uncertain): Likely.

Provide explanation: COPCs at SWMU 21-013(d)-99 have been identified in soil and tuff samples taken from the site. Dust exposure to COPCs in tuff is expected to be a minor pathway to all potential ecological receptors due to the weathering that must occur to the tuff prior to exposure. Dust exposure to burrowing animals may occur if residual contamination occurs in the same depth interval as the burrows. However, the current conditions of the site largely preclude the development of burrowing animal populations because the soil that remains at the site is generally shallow (< 5 ft).

Question C:

Can contaminated soil be transported to aquatic ecological communities (use SOP 2.01 run-off score and terminal point of surface water runoff to help answer this question)?

If the SOP 2.01 run-off score* for each SWMU included in the site is equal to zero, this suggests that erosion at the site is not a transport pathway. (* Note that the runoff score is not the entire erosion potential score, rather it is a subtotal of this score with a maximum value of 46 points).

If erosion is a transport pathway, evaluate the terminal point to see if aquatic receptors could be affected by contamination from this site.

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Erosion is expected to be a minor transport mechanism for COPCs from SWMU 21-013(d)-99 and run-off is expected to terminate in a down-gradient meadow, though high volumes of

run-off may terminate in the adjacent DP Canyon. The run-off score is 9.1, indicting that the run-off potential is low. No aquatic communities are present in DP Canyon and the stream is intermittent, containing water only during storm events.

Question D:

Is contaminated groundwater potentially available to biological receptors through seeps or springs or shallow groundwater?

Known or suspected presence of contaminants in groundwater.

The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.

Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).

Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: There are no seeps or springs near SWMU 21-013(d)-99 and depth to groundwater at TA-21 is 1,100 ft below ground surface (bgs). Additionally, drilling in the DP Canyon did not reveal any perched groundwater down to the drilling depth of 800 ft.

Question E:

Is infiltration/percolation from contaminated subsurface material a viable transport and exposure pathway?

Suspected ability of contaminants to migrate to groundwater.

The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.

Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).

Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Due to the low annual regional precipitation and the depth to groundwater at TA-21 (1,1000 ft bgs), contaminant transport to the aquifer is unlikely. Additionally, drilling in the DP Canyon did not reveal any perched groundwater down to the drilling depth of 800 ft.

Question F:

Might erosion or mass wasting events be a potential release mechanism for contaminants from subsurface materials or perched aquifers to the surface?

This question is only applicable to release sites located on or near the mesa edge.

Consider the erodability of surficial material and the geologic processes of canyon/mesa edges.

Answer (likely/unlikely/uncertain): Unlikely.

Provide explanation: Not applicable. The site has a low erosion potential and is not located near a cliff edge that could be vulnerable to mass wasting.

Question G:

Could airborne contaminants interact with receptors through respiration of vapors?

Contaminants must be present as volatiles in the air.

Consider the importance of inhalation of vapors for burrowing animals.

Foliar uptake of organic vapors is typically not a significant exposure pathway.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 1

Terrestrial Animals: 1

Provide explanation: While exposure may be possible to burrowing animals in the shallow soils remaining at the site, organic compounds were detected infrequently in soil and tuff samples at the site. Inhalation exposure to COPCs in tuff is expected to be an unlikely pathway to all potential ecological receptors (plants and wildlife) due to the weathering that must occur to the tuff prior to exposure. Inhalation exposure to burrowing animals may occur if residual contamination occurs in the same depth interval as the burrows. However, the current conditions of the site largely preclude the development of burrowing animal populations.

Question H:

Could airborne contaminants interact with plants through deposition of particulates or with animals through inhalation of fugitive dust?

Contaminants must be present as particulates in the air or as dust for this exposure pathway to be complete.

Exposure via inhalation of fugitive dust is particularly applicable to ground-dwelling species that would be exposed to dust disturbed by their foraging or burrowing activities or by wind movement.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 2

Terrestrial Animals: 2

Provide explanation: Exposure is expected to animals that may disturb surface soils during foraging activities. Dust exposure to COPCs in tuff is expected to be a minor pathway to all potential ecological receptors (plants and wildlife) due to the weathering that must occur to the tuff prior to exposure. Dust exposure to burrowing animals may occur if residual contamination occurs in the same depth interval as the burrows. However, the current conditions of the site largely preclude the development of burrowing animal populations.

Question I:

Could contaminants interact with plants through root uptake or rain splash from surficial soils?

Contaminants in bulk soil may partition into soil solution, making them available to roots.

Exposure of terrestrial plants to contaminants present in particulates deposited on leaf and stem surfaces by rain striking contaminated soils (i.e., rain splash).

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 2

Provide explanation: Residual contaminants in soil could be taken up through plant roots. Plants are not expected to be exposed to residual contamination that may be present in the tuff. Note that exposure to COPCs in tuff is expected to be a minor pathway due to the weathering that must occur to the tuff prior to exposure.

Question J:

Could contaminants interact with receptors through food web transport from surficial soils?

The chemicals may bioaccumulate in animals.

Animals may ingest contaminated food items.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 2

Provide explanation: Two bioaccumulators detected in confirmation soil samples taken in 2003 were evaluated: lead, bis(2-ethylhexyl)phthalate and di-n-butylphthalate. However, these COPCs were detected infrequently and at very low concentrations.

Question K:

Could contaminants interact with receptors via incidental ingestion of surficial soils?

Incidental ingestion of contaminated soil could occur while animals grub for food resident in the soil, feed on plant matter covered with contaminated soil or while grooming themselves clean of soil.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 2

Provide explanation: Exposure may occur from COPCs in surface soil.

Question L:

Could contaminants interact with receptors through dermal contact with surficial soils?

Significant exposure via dermal contact would generally be limited to organic contaminants that are lipophilic and can cross epidermal barriers.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 1

Provide explanation: While this is a potential pathway for burrowing insects and animals, significant exposure via burrowing is considered unlikely. As detailed in the answers to Questions G, H, and K, the current conditions of the site largely preclude burrowing and the development of burrowing animal populations. Additionally, the organic COPCs identified for SWMU 21-013(d)-99 are not lipophilic nor can they cross epidermal barriers.

Question M:

Could contaminants interact with plants or animals through external irradiation?

External irradiation effects are most relevant for gamma emitting radionuclides.

Burial of contamination attenuates radiological exposure.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 1

Terrestrial Animals: 1

Provide explanation: Detections of radiological COPCs were determined to be within the range of background activities or were below receptor ESLs.

Question N:

Could contaminants interact with plants through direct uptake from water and sediment or sediment rain splash?

Contaminants may be taken-up by terrestrial plants whose roots are in contact with surface waters.

Terrestrial plants may be exposed to particulates deposited on leaf and stem surfaces by rain striking contaminated sediments (i.e., rain splash) in an area that is only periodically inundated with water.

Contaminants in sediment may partition into soil solution, making them available to roots.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 0

Provide explanation: There is no surface water or aquatic habitat within SWMU 21-013(d)-99.

Question O:

Could contaminants interact with receptors through food web transport from water and sediment?

The chemicals may bioconcentrate in food items.

Animals may ingest contaminated food items.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: There is no surface water or aquatic habitat within SWMU 21-013(d)-99.

Question P:

Could contaminants interact with receptors via ingestion of water and suspended sediments?

If sediments are present in an area that is only periodically inundated with water, terrestrial receptors may incidentally ingest sediments.

Terrestrial receptors may ingest water-borne contaminants if contaminated surface waters are used as a drinking water source.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: No surface water is present within SWMU 21-013(d)-99.

Question Q:

Could contaminants interact with receptors through dermal contact with water and sediment?

If sediments are present in an area that is only periodically inundated with water, terrestrial species may be dermally exposed during dry periods.

Terrestrial organisms may be dermally exposed to water-borne contaminants as a result of wading or swimming in contaminated waters.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: No surface water is present within SWMU 21-013(d)-99.

Question R:

Could contaminants interact with plants or animals through external irradiation?

External irradiation effects are most relevant for gamma emitting radionuclides.

Burial of contamination attenuates radiological exposure.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 1

Terrestrial Animals: 1

Provide explanation: Detections of radiological COPCs were determined to be within the range of background activities or were below receptor ESLs.

Question S:

Could contaminants bioconcentrate in free floating aquatic, attached aquatic plants, or emergent vegetation?

Aquatic plants are in direct contact with water.

Contaminants in sediment may partition into pore water, making them available to submerged roots.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Plants/Emergent Vegetation: 0

Provide explanation: There is no surface water or aquatic habitat within SWMU 21-013(d)-99.

Question T:

Could contaminants bioconcentrate in sedimentary or water column organisms?

Aquatic receptors may actively or incidentally ingest sediment while foraging.

Aquatic receptors may be directly exposed to contaminated sediments or may be exposed to contaminants through osmotic exchange, respiration, or ventilation of sediment pore waters.

Aquatic receptors may be exposed through osmotic exchange, respiration, or ventilation of surface waters.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Animals: 0

Provide explanation: There is no surface water or aquatic habitat within SWMU 21-013(d)-99.

Question U:

Could contaminants bioaccumulate in sedimentary or water column organisms?

Lipophilic organic contaminants and some metals may concentrate in an organism's tissues

Ingestion of contaminated food items may result in contaminant bioaccumulation through the food web.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Animals: 0

Provide explanation: There is no surface water or aquatic habitat within SWMU 21-013(d)-99.

Question V:

Could contaminants interact with aquatic plants or animals through external irradiation?

External irradiation effects are most relevant for gamma emitting radionuclides.

The water column acts to absorb radiation, thus external irradiation is typically more important for sediment dwelling organisms.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Plants: 0

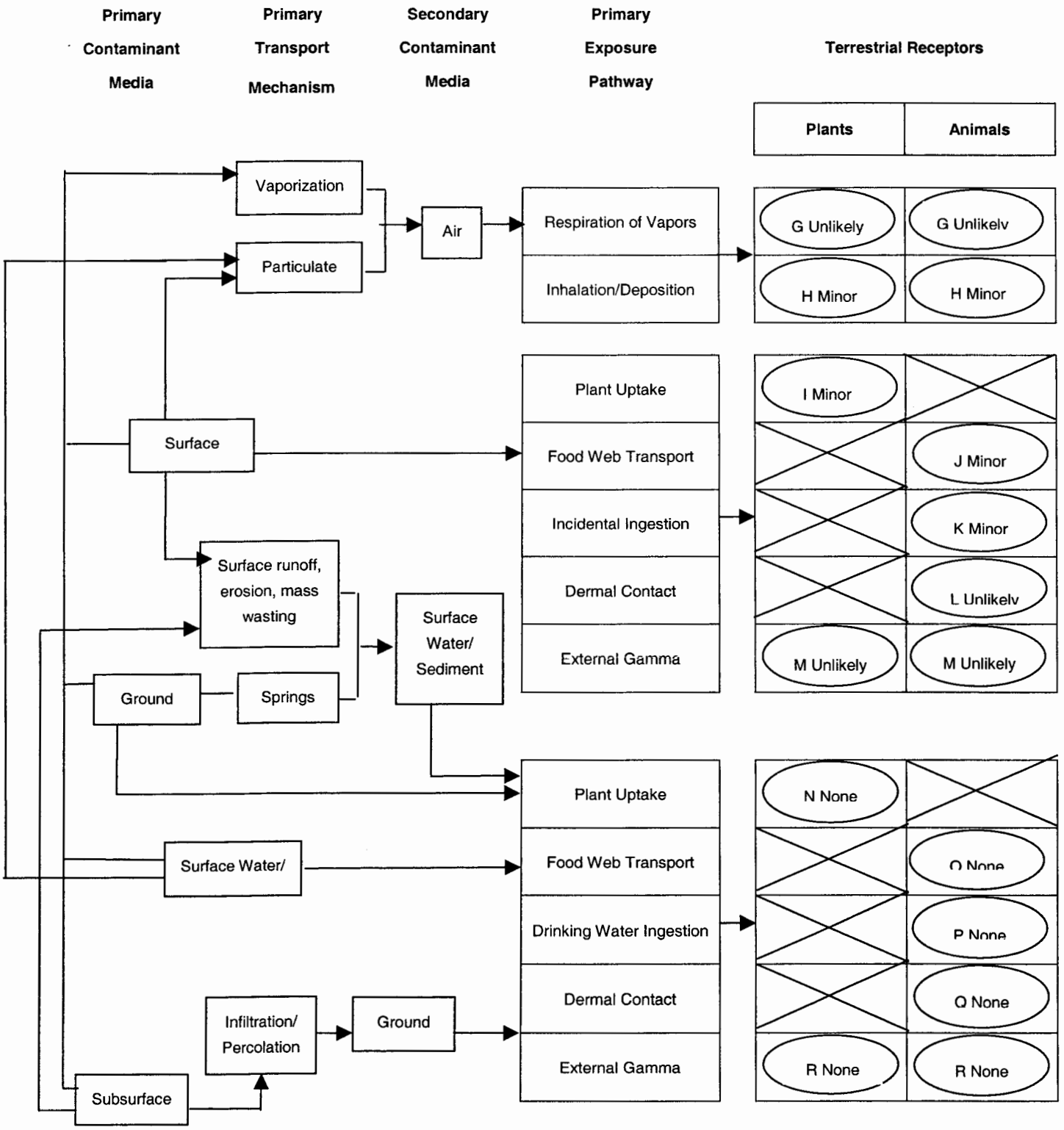
Aquatic Animals: 0

Provide explanation: There is no surface water or aquatic habitat within SWMU 21-013(d)-99.

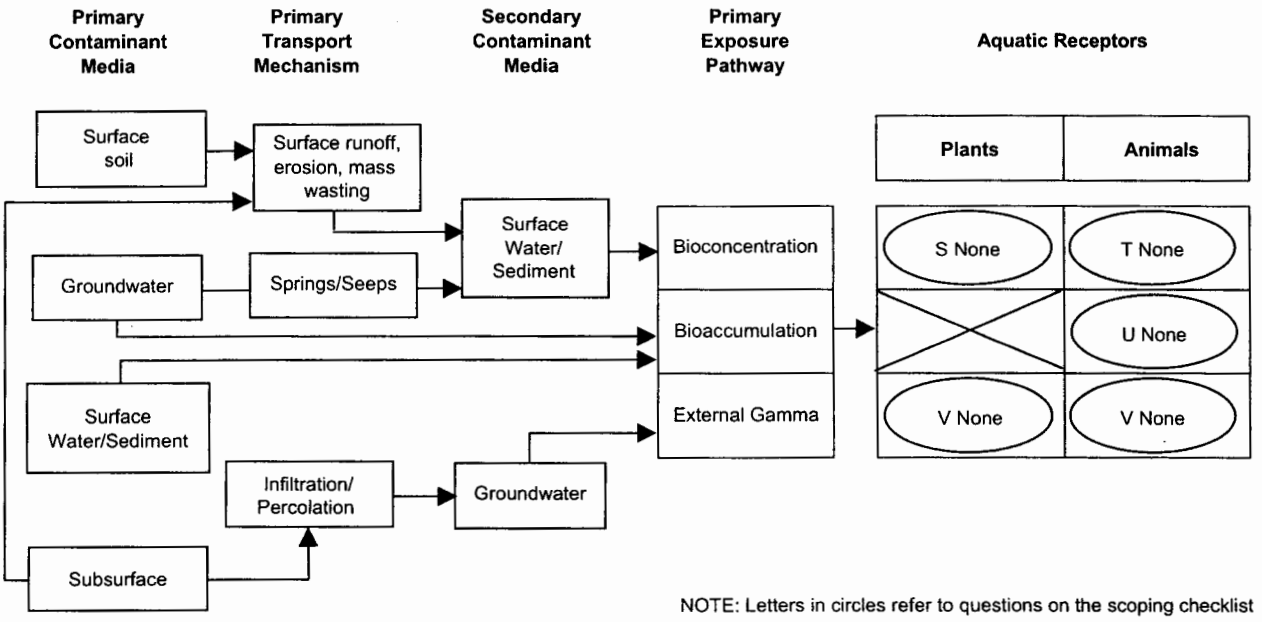
Ecological Scoping Checklist: SWMU 21-013(d)-99

Terrestrial Receptors

Ecological Pathways Conceptual Exposure Model: Post-Excavation Site Conditions



Ecological Scoping Checklist: SWMU 21-013(d)-99
Aquatic Receptors
Ecological Pathways Conceptual Exposure Model: Post-Excavation Site Conditions



NOTE: Letters in circles refer to questions on the scoping checklist

Signatures and certifications:

Checklist completed by (provide name, organization and phone number):

Name (printed): Sharon R. Wirth, Ecologist

Name (signature):

Organization: Shaw Environmental, Inc.

Phone number: 505-262-8936

Date Completed: 10/22/02 (updated 08/28/03)

Verification by a member of RRES-RS Program Ecological Risk Task Team (provide name, organization and phone number):

Name (printed): **Richard Mirenda**

Name (signature):

Organization: **LANL RRES-RS**

Phone number: **505-665-6953**

Appendix G

Comparison of Anticipated and Actual Costs

APPENDIX G COMPARISON OF ANTICIPATED AND ACTUAL COSTS

As shown in the RRES-RS project baseline, the original cost estimate for the voluntary corrective action (VCA) activities defined in the VCA plan addendum for Solid Waste Management Unit (SWMU) 21-013(d)-99 was $786,508.00. This cost estimate included

- preparation of the VCA plan addendum,
- removal action,
- sample collection,
- sample analysis,
- waste management,
- site restoration, and
- preparation of the VCA completion report.

Actual costs for the VCA activities conducted at SMWU 21-013(d)-99 are approximately $540,000. The $246,508 discrepancy between the anticipated and actual costs is due to a removal action, estimated at $244,000, which was shown to be unnecessary based on the results of site sample analysis. Approximately $55,000 in waste disposal and site restoration costs likewise were unnecessary because the removal action was not conducted; however, an offsetting expenditure was made for additional sample collection and analysis.

Appendix H

VCA Plan Addendum for SWMU 21-013(d)-99

Remediation Program

RRES

LA-UR-03-0013
February 2003
ER2003-0004

Voluntary Corrective Action Plan Addendum for Solid Waste Management Unit (SWMU) 21-013(d)-99 at Technical Area 21

Los Alamos
NATIONAL LABORATORY
Los Alamos NM 87545

Produced by Risk Reduction and Environmental Stewardship, Remediation Program

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1.0 INTRODUCTION

This Voluntary Corrective Action (VCA) Plan Addendum presents an approach for completing the characterization at Solid Waste Management Unit (SWMU) 21-013(d)-99, located at Technical Area (TA)-21 at Los Alamos National Laboratory (LANL or the Laboratory) (Figure 1.0-1). SWMU 21-013(d)-99 is a consolidation of former SWMUs 21-013(d) and 21-013(e) (LANL 1999, 63175), and this VCA Plan Addendum is an amendment to the existing VCA Plans for these former SWMUs (LANL 1995, 50085.3; LANL 1995, 57048.1). SWMU 21-013(d), referred to as the "cold dump," was reportedly used by construction contractors for the disposal of construction-related debris, while SWMU 21-013(e) was used as a disposal site for building debris. SWMU 21-013(d)-99 is listed in Module VIII of the Laboratory's Hazardous Waste Facility Permit (EPA 1990, 1585).

The purpose and scope, regulatory history, and rationale for the proposed corrective action are presented in Section 1. Section 2 presents the site description and operational history, previous field investigations, and results of previous investigations for this SWMU. The basis for cleanup levels is presented in Section 3. Section 4 includes the conceptual model, characterization and confirmation sampling, structure removal, cleanup activities, and site restoration activities. Section 5 presents the estimated types and volumes of waste and the method of management and disposal. Section 6 discusses the proposed schedule and uncertainties. References are listed in Section 7. Appendix A includes acronyms and abbreviations, Appendix B includes the VCA checklist, Appendix C includes the Standard Operating Procedure (SOP) 2.01: Surface Water Site Assessments, Appendix D includes the ecological scoping checklist, and Appendix E includes the estimated costs.

1.1 Purpose and Scope

The objective of the activities proposed in this VCA Plan Addendum is to determine the nature and extent of residual contamination at SWMU 21-013(d)-99. To meet this objective, the Laboratory's Risk Reduction and Environmental Stewardship, Remediation (RRES-R) Program (formerly called the Environmental Restoration [ER] Project) will conduct the following activities:

- Re-establish the original Phase I Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) 20-meter (m) by 20-m grid over SWMU 21-013(d)-99.
- Conduct activities to finalize characterization of residual contamination at the site by determining contaminant extent at Phase I RFI and 1995 VCA confirmation sample locations, grid points not previously sampled, locations outside the original grid, and unsampled soil stockpiles.
- Assess human health and ecological risk, based on nature and extent of contamination detected in previous and supplemental samples collected from the SWMU.
- Determine a remedial approach for the SWMU (if necessary).

The Data Quality Objectives (DQOs) listed in Table 1.1-1 will be implemented during the continuation of VCA activities at SWMU 21-013(d)-99.

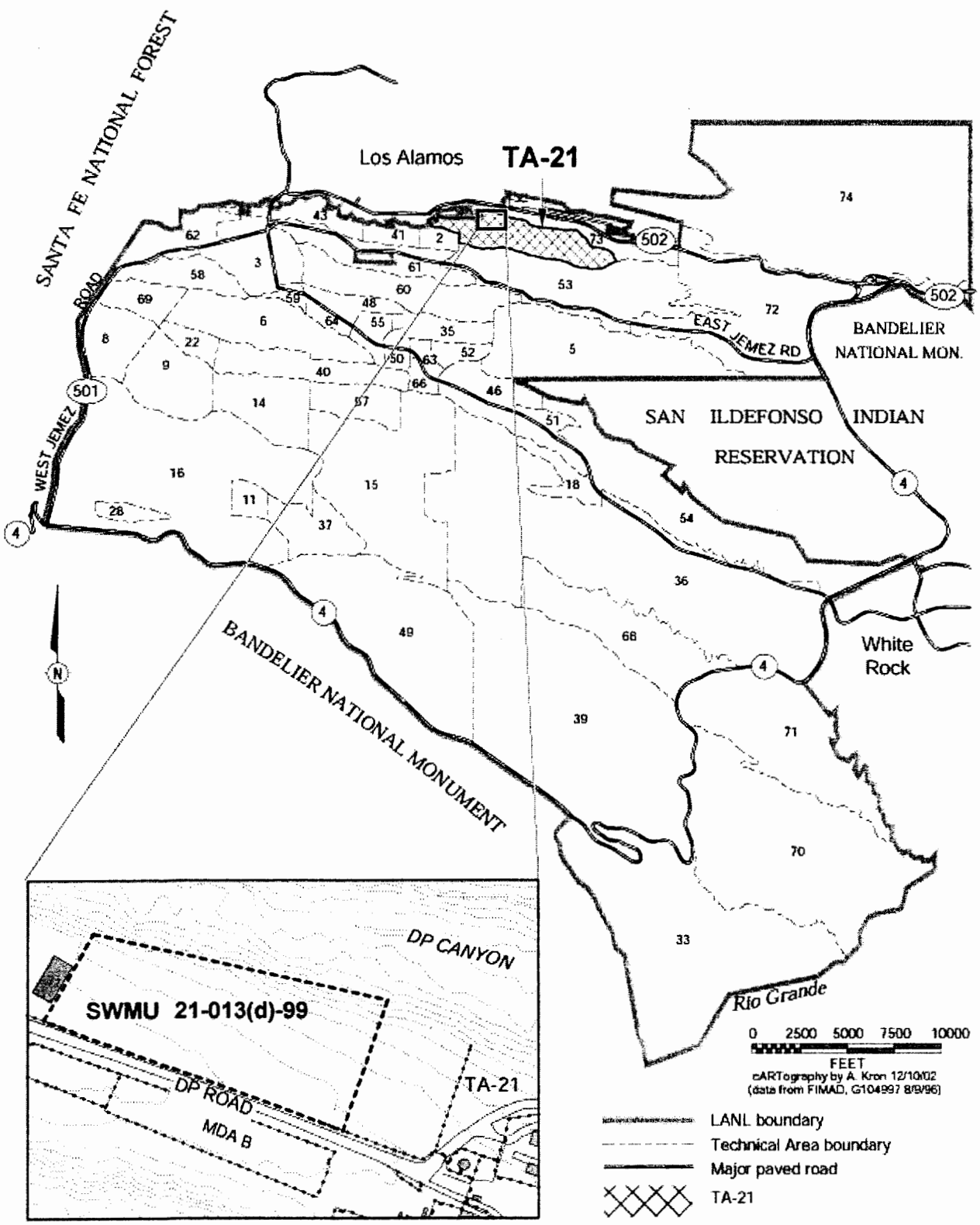

Figure 1.0-1. Locations of TA-21 and SWMU 21-013(d)-99 with respect to other Laboratory TAs and surrounding land holdings

Table 1.1-1
Data Quality Objectives for the VCA Addendum at SWMU 21-013(d)-99

Data Type	Intended Use	Data Quality	Data Quantity
Establish 1995 VCA sample grid	Resample locations sampled during the 1995 VCA, sample eight grid locations not included in 1995 VCA sampling event.	Coordinates accurate as specified in LANL ER SOP 3.11 R1. Data must be reported using the New Mexico State Plane coordinate system.	The 1995 VCA sample grid consists of 26 grid points.
Field screening data	Ensure safety of field crew. Ensure compliance with DOT regulations. Guide sampling activities.	Calibrate field screening instruments using the methods and frequency recommended by the manufacturer. Document calibration activities in the field logbook.	Field screening must be continuous during all invasive site activities. Field screening results must be recorded on the sample logs for specific analytical sample locations.
Post-sampling geodetic survey	Document locations and coordinates of sample points.	Coordinates accurate as specified in LANL ER SOP 3.11 R1. Data must be reported using the New Mexico State Plane coordinate system.	All sampling locations will be surveyed. A map showing all sample locations will be produced.
Fixed laboratory analytical data	Determine nature and extent of contamination.	Use standard and approved analytical methods (e.g., US Environmental Protection Agency [EPA] SW 846 methods). Ensure that detection limits are below LANL background levels specified in LANL 1998, 59730, where applicable. Quality Assurance/Quality Control and data validation procedures will be implemented in accordance with the requirements of the QA project plan (LANL 1996, 54609) and the LANL ER Project analytical services statement of work for contract laboratories (LANL 2000, 71233.1).	Approximately 72 surface and subsurface samples will be collected from approximately 36 locations.

1.2 Regulatory History

The regulatory activities associated with this SWMU are summarized in Table 1.2-1.

Table 1.2-1
Regulatory Activity for SWMU 21-013(d)-99

Date	Activity	Document
September and October 1994	Phase I RFI conducted at SWMUs 21-013(d) and 21-013(e)	"TA-21 Operable Unit (1106) RFI Work Plan for Environmental Restoration," Volume II (LANL 1991, 7529)
July and August 1995	VCA conducted at SWMUs 21-013(e) and 21-013(d)	"Voluntary Corrective Action Plan for Potential Release Sites, Group 2" (LANL 1995, 57048.1) "Voluntary Corrective Action Plan for SWMU 21-013(d)" (LANL 1995, 50085.3) "Voluntary Corrective Action Completion Reports for Potential Release Sites, Group 2 SWMUs 21-013(c,d,e), 31-001" (LANL 1995, 54320.1)
1999	SWMUs 21-013(d) and 21-013(e) consolidated into SWMU 21-013(d)-99	"Los Alamos National Laboratory's Environmental Restoration's Final Table (Revision 1) Listing Agreed upon Annual Audit Numbers" (LANL 1999, 63175)

1.3 Rationale for Proposed Corrective Action

The activities described in this VCA Plan Addendum are being conducted in response to New Mexico Environmental Department's (NMED's) Request for Supplemental Information (RSI) (LANL 1998, 58709) to the VCA Completion Report for SWMUs 21-013(d) and 21-013(e) (LANL 1995, 54320.1). Therefore, the VCA activities will define the nature and extent of residual contamination present at the site. If any corrective actions are required for this site, they will meet the requirements of the accelerated corrective action checklist provided in Appendix B. The presence and concentration of COPCs will be determined by confirmation sample analytical results, and the analytical results will be used to determine potential risk to human health and the environment. The determination of the nature and extent of contamination and potential risk at this SWMU will facilitate the proposed land transfer of this area.

2.0 PREVIOUS SITE CHARACTERIZATION

2.1 Site Description and Operational History

SWMU 21-013(d)-99 is located in an unsecured area within the Laboratory's TA-21 and is accessible from DP Road off State Highway 502. The site boundaries are defined to the north by the slope into DP Canyon, to the south by the fence along DP Road, to the east by the eastern property fence, and to the west by the Lobo Lift building (Figure 1.0-1). Although there is no apparent boundary between the two former SWMUs that make up this site, the approximate historical location of this boundary runs north from the site access gate in the fence along DP road. The site is vegetated with trees, shrubs, and grasses. Prior to the 1995 VCA, piles of soil, asphalt, and concrete were present on the site. Other surface debris present at the site included scrap metal, wood, cans, paper, glass, and plastic bags.

Former SWMU 21-013(d) was used to dispose of construction-related debris. Prior to the 1995 VCA, the area appeared to have been scraped and the material removed. Former SWMU 21-013(e) is an inactive surface disposal area, reportedly used solely for the disposal of construction debris. It is not known when materials were disposed of at this site. During the 1995 VCA at SWMU 21-013(e), which is located northwest of SWMU 21-013(d), surface debris was observed in the area surrounding the cold dump. A

decision was made to clean up the remaining debris at the cold dump while clean up activities were being conducted for SWMU 21-013(e). These SWMUs were formally consolidated in 1999 and are now included in Module VIII of the Laboratory's Hazardous Waste Facility Permit, EPA I.D. NM0890010515 (EPA 1990, 1585) as SWMU 21-013(d)-99.

2.2 Previous Field Investigations

2.2.1 1994 Phase I RFI Activities

Phase I RFI fieldwork was conducted at SWMUs 21-013(d) and (e) in 1994. The approved RFI work plan called for a three-section by three-section grid to be laid out across the area where debris was disposed of at each site. The size of the grid sections was not specified in the work plan; however, the grid layout was to be based on Figure 14.7-1 in the approved RFI work plan (LANL 1991, 7529) and on visual inspection of the site (LANL 1991, 7680).

The Phase I RFI began with a site visit to determine the location of the sampling grid. The debris piles were scattered and there was no clear distinction between SWMU 21-013(d) and SWMU 21-013(e). A decision was made to combine the Phase I RFI for the two SWMUs. Twenty-six grid sections were laid out in an irregular pattern to provide the boundaries for the radiation survey. This grid covered the area of interest more efficiently than the grids illustrated in the work plan and met the minimum number of sections and sampling points called for in the approved RFI work plan (LANL 1991, 7529). The grid sections were 20-m by 20-m, and grid lines were oriented north to south and east to west. It was determined that eight additional grid sections (18 grid sections were specified in the work plan) would be sampled if the radiation survey results for the initial 18 grid sections indicated the presence of radiological contamination.

The radiation survey was performed using gross alpha, beta/gamma, and low-energy gamma radiation detection instruments. Detected radiation levels were consistent with the local TA-21 baseline radiation levels at all but a few locations where radiation levels were marginally elevated above baseline levels (LANL 1995, 54320.1). Therefore, no additional sampling locations beyond the 18 specified in the work plan were surveyed, and the grid sections with elevated radiation levels were sampled and submitted for further analysis.

Nine grid sections within each SWMU were sampled resulting in a total of 39 samples collected from each SWMU. Surface and subsurface samples were collected from the corners of each of nine grid sections in each SWMU. Figure 2.1-1 shows the locations of the RFI Phase I samples (as well as those of the 1995 VCA, see Section 2.2.2).

All the samples were field screened for alpha and beta/gamma radiation for worker health and safety and delivered to a mobile radiation laboratory for further radiation screening. In addition, all samples collected were screened for volatile organic compounds (VOC) using an organic vapor monitor (photo-ionization detector [PID]) to check the headspace of a closed container of soil or tuff from each sample interval.

The assessment of field, mobile radiation laboratory, and chemistry laboratory screening results indicated that there was not a marked change in radiation levels from the 0- to 6- inches (in.), 0- to 2.5-feet (ft), 2.5-to 5.0-ft, and 5.0- to 7.5-ft intervals. Three 0- to 6-in. interval samples and seven 0- to 2.5-ft interval samples from the nine locations at SWMU 21-013(d) and two 0- to 6-in. interval samples and seven 0- to 2.5-ft interval samples from the nine locations at SWMU 21-013(e) were shipped to an off-site analytical laboratory for target analyte list (TAL) metals, polychlorinated biphenyls (PCBs), tritium, isotopic uranium and plutonium, americium-241, strontium-90, VOC and semivolatile organic compound (SVOC) analyses.

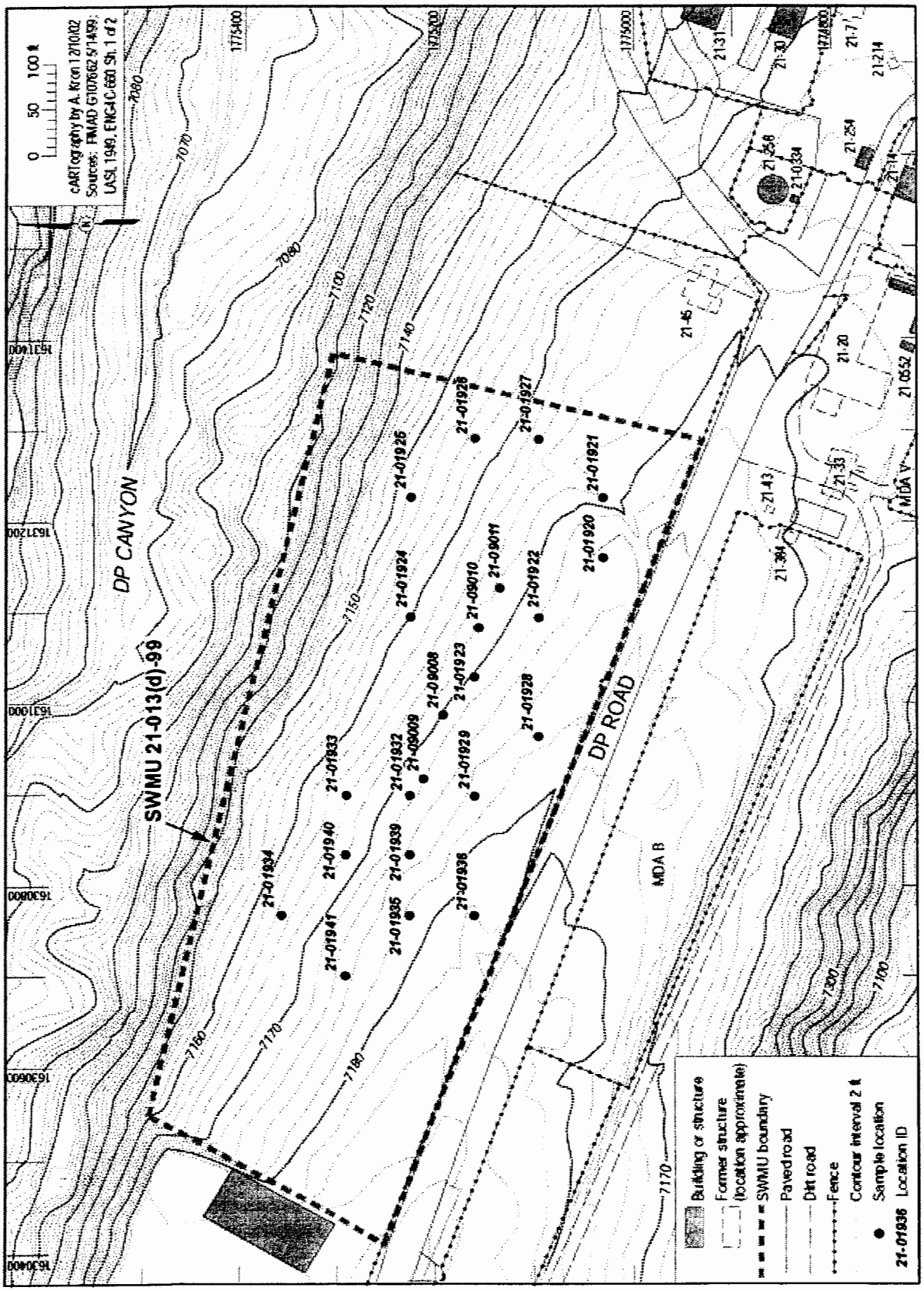

Figure 2.1-1. SWMU 21-013(d)-99 with Phase I RFI and 1995 VCA confirmatory sample locations

No COPCs had maximum concentrations greater than their respective human health screening action levels (SALs) at SWMU 21-013(d). Although the Phase I RFI data from SWMU 21-013(e) indicated that the maximum concentration of thorium-228 (4.23 pico Curies per gram [pCi/g]) exceeded its SAL (1.5 pCi/g), this result was flagged as undetected (U) due to the high gamma spectroscopy detection limits for thorium-228. In addition, field screening of the site prior to remediation indicated that radioactivity at the site was not elevated above background. Because there were no COPCs at the sites, surface debris removal was deemed appropriate for the VCA. The Phase I RFI sampling data did not include the areas beneath the waste piles (the focus of the VCA effort).

2.2.2 1995 VCA Activities

The ER Program conducted VCAs in July through September 1995 at former SWMUs 21-013(e) and 21-013(d) (LANL 1995, 54320.1). The cleanup and confirmatory sampling at SWMUs 21-013(e) and SWMU 21-013(d) followed the approved VCA Plans (LANL 1995, 50085.3; LANL 1995, 57048.1), with the following deviation at SWMU 21-013(e):

- The confirmatory sampling plan was modified to include TAL metals analyses in lieu of toxicity characteristic leaching procedure (TCLP) metals. In addition, reactive cyanide and total uranium analyses were added to provide a more complete waste characterization profile.

During the VCA, exploratory trenches were excavated into soil piles to allow for field screening and visual inspection. If the piles contained debris, the debris was removed and the piles were blended into existing contours. If the piles did not contain debris, the piles were not recontoured. The debris was field screened for gross alpha/beta/gamma radioactivity and for VOC vapors using hand-held instruments. Field screening did not indicate the presence of radioactivity above local background levels or elevated VOC levels.

At SWMU 21-013(e) approximately 75 cubic yards (yd^3) of asphalt and concrete were placed in five rolloff containers. Approximately 15 yd^3 of wood from a wooden ramp were placed in one rolloff container. Miscellaneous debris and trash were placed in plastic bags and placed in six 1-yd^3 plastic Kingbags. At SWMU 21-013(d), approximately 30 yd^3 of asphalt and concrete were placed in two rolloff containers, and approximately 4 yd^3 of miscellaneous debris and trash were placed in plastic bags and placed in four 1-yd^3 plastic Kingbags.

A total of four confirmatory samples (location IDs 21-09008 through 21-09011, see Fig 2.1-1) were collected at SWMUs 21-013(d) and 21-013(e) on September 1, 1995. These samples were collected from the areas of two former asphalt piles. Samples were analyzed for gross alpha, beta, and gamma radiation, VOCs, SVOCs, TAL metals, PCBs, tritium, isotopic uranium, isotopic plutonium, americium-241, and strontium-90. Tables 2.2-1, 2.2-2, and 2.2-3 provide analytical results of detected inorganic chemicals, organic chemicals and radionuclides from confirmatory sampling.

In the confirmatory samples collected at SWMU 21-013(e), lead was detected above the laboratory background value (BV) but below the preliminary remediation goal (PRG). PRGs were determined based on an industrial land use scenario. The detection limits of several other inorganics exceeded the BV but not the PRGs; these analytes are shown in Table 2.2-1 flagged as undetected ("U"). No laboratory BV has been determined for molybdenum and total strontium; therefore, all results for these analytes are listed in Table 2.2-1. Neither molybdenum nor strontium exceeded their respective PRGs. Acetone, bis(2-ethylhexyl)phthalate, and di-n-butylphthalate were detected at SWMU 21-013(e) below their PRGs. Plutonium-239 and americium-241 were detected above Laboratory BVs but not above PRGs.

Table 2.2-1

Analytical Results for Inorganic Chemicals Exceeding Background during the 1995 VCA at SWMUs 21-013(d) and 21-013(e)

Historic SWMU Number	Sample ID	Location ID	Depth (ft)	Media	Antimony (mg/kg)	Cadmium (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Silver (mg/kg)	Strontium (mg/kg)	Thallium (mg/kg)
Soil Background Value					0.83	0.4	22.3	0.1	ND [a]	1	ND	0.73
21-013(e)	VCXX-95-0046	21-09008	0–0.5	Soil	8.9 (U) [b]	1.1 (U)	43	0.11 (U)	4.4 (U)	2.2 (U)	33	1.2 (U)
21-013(e)	VCXX-95-0047	21-09009	0–0.5	Soil	8.3 (U)	1 (U)	82	0.11 (U)	4.2 (U)	2.1 (U)	10	1 (U)
21-013(d)	VCXX-95-0048	21-09010	0–0.25	Soil	8.3 (U)	1 (U)	— [c]	—	4.2 (U)	2.1 (U)	21	1 (U)
21-013(d)	VCXX-95-0049	21-09011	0–0.25	Soil	8.5 (U)	1.1 (U)	—	0.11 (U)	4.2 (U)	2.1 (U)	23	1.1 (U)

[a] ND = not determined
[b] U = indicates not detected; detection limit exceeds background value.
[c] A dash (—) indicates a not detected above background value.

Table 2.2-2

Analytical Results for Detected Organic Chemicals during the 1995 VCA at SWMUs 21-013(d) and 21-013(e)

Historic SWMU Number	Sample ID	Location ID	Depth (ft)	Media	Acetone (mg/kg)	Bis(2-ethylhexyl)phthalate (mg/kg)	Di-n-butylphthalate (mg/kg)
21-013(e)	VCXX-95-0046	21-09008	0–0.5	Soil	0.0072 (J)	— [a]	0.097 (J) [b]
21-013(e)	VCXX-95-0047	21-09009	0–0.5	Soil	0.0063 (J)	1.7	0.12 (J)
21-013(d)	VCXX-95-0048	21-09010	0–0.25	Soil	0.0085 (J)	—	0.058 (J)
21-013(d)	VCXX-95-0049	21-09011	0–0.25	Soil	0.0069 (J)	—	3.5

[a] A dash (—) indicates a nondetect.
[b] J = reported value is estimated.

Table 2.2-3
Analytical Results for Detected Radionuclides during the 1995 VCA at SWMUs 21-013(d) and 21-013(e)

Historic SWMU Number	Sample ID	Location ID	Depth (ft)	Media	Americium-241 (pCi/g)	Plutonium-239 (pCi/g)
Soil Background Value					0.013[a]	0.054[a]
21-013(e)	VCXX-95-0046	21-09008	0–0.5	Soil	0.2	—[b]
21-013(e)	VCXX-95-0047	21-09009	0–0.5	Soil	0.1	0.9
21-013(d)	VCXX-95-0048	21-09010	0–0.25	Soil	0.1	3.7
21-013(d)	VCXX-95-0049	21-09011	0–0.25	Soil	0.4	1.5

[a] Background values for fallout radionuclides apply only to the 0 to 0.5 ft interval.

[b] A dash (—) indicates a nondetect.

Evaluation of the confirmatory analytical data from SWMU 21-013(d) indicated the presence of di-n-butylphthalate at concentrations less than the PRG. Americium-241 and plutonium-239 were detected above Laboratory BVs but below PRGs. No inorganic contaminants were detected above BVs, but the detection limits of several metals exceeded the BVs.

Upon completion of the 1995 VCA activities, site restoration included discing of disturbed areas with a tractor and disc harrow, followed by reseeding with native grasses.

3.0 BASIS FOR CLEANUP LEVELS

The primary objective of the sampling activities presented in this VCA Plan Addendum is to finalize the definition of the nature and extent of contamination at SWMU 21-013(d)-99. Residual contamination was identified during 1994 Phase I RFI and 1995 VCA activities; however, the extent of contamination was not defined. Because concentrations of contamination detected during these previous investigations were low, no additional corrective action is anticipated for this site. However, if analytical results for the samples described in this plan indicate that additional corrective action is necessary, appropriate cleanup levels will be determined. Future land use is assumed to be industrial; however, because the property on which this SWMU is located is available to the public on an unrestricted basis and because commensurate cleanup levels are reasonably attainable, a residential land use will be applied. Therefore, any proposed cleanup levels for the SWMU that are protective of human health will be based on a residential scenario. Cleanup levels for ecological risk will be developed as necessary based on appropriate receptors for each COPC.

4.0 PROPOSED CORRECTIVE ACTION

A phased corrective action approach will be conducted based on the following activities:

- The conceptual model of potential contaminant transport has been applied to the design of the sample plan.
- Surface and subsurface samples will be collected from grid locations established during the Phase I RFI, from locations outside the original grid and from locations of soil stockpiles.
- The nature and extent of soil contamination within the SWMU will be determined by performing sample collection and analysis.

4.1 Conceptual Model

The primary mechanism of release at SWMU 21-013(d)-99 is related to the former surface disposal operations at the site. The potential pathways for human exposure are dermal contact, inhalation of vapors and particulates, and incidental ingestion of soil (Figure 4.1-1). The potential pathways to ecological receptors are root uptake for plants and dermal contact, inhalation of particulates, and incidental ingestion of soil for burrowing and surface animals (see Appendix D).

Downward migration of contaminants in the vadose zone is limited by a lack of hydrostatic pressure and the lack of saturated conditions in the area restricts both horizontal and vertical migration. No perched alluvial aquifers have been identified in the area of SWMU 21-013(d)-99, nor are there springs or seeps nearby that would indicate the presence of perched alluvial aquifers. Therefore, the pathway to groundwater, including the regional aquifer located approximately 1000 ft below ground surface (bgs), is incomplete.

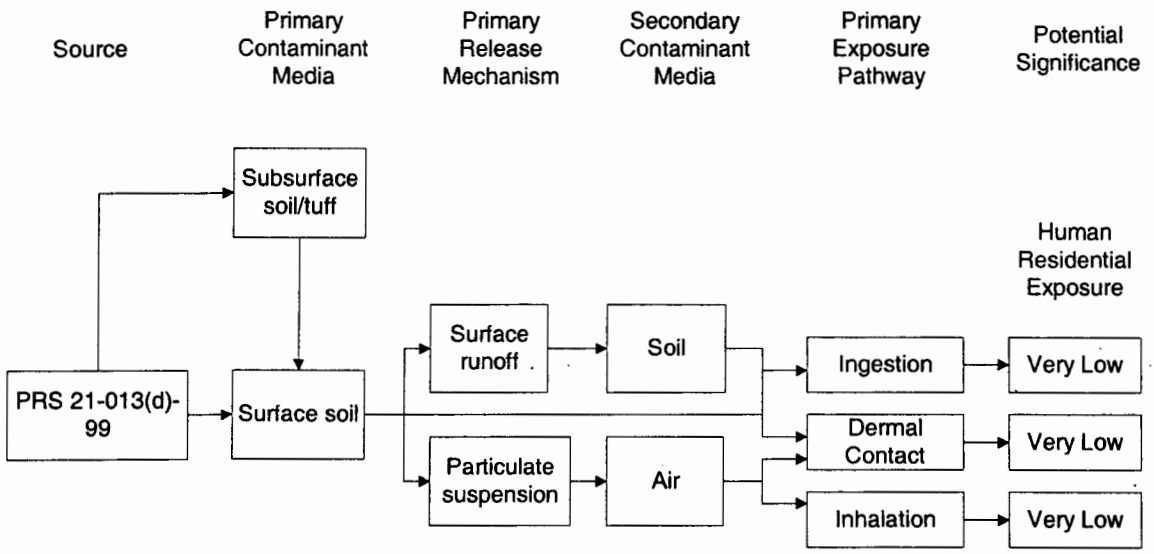

Figure 4.1-1. Conceptual model of contaminant transport at SWMU 21-013(d)-99

4.2 Supplemental Surface and Subsurface Sampling

To finalize the characterization of residual contamination identified during the Phase I RFI and 1995 VCA, surface and subsurface samples will be collected again from original sample locations. Three additional surface samples will be collected from outside the original grid to ensure that lateral extent has been determined. Additional surface and subsurface samples will also be collected from the soil stockpiles remaining at the site.

Figure 2.1-1 presents the locations of samples collected during the Phase I RFI and 1995 VCA. Surface and subsurface samples will be recollected from these 22 locations (eighteen from grid points and four from two spoil piles) to finalize characterization of residual contamination detected at these locations. A power hand auger will be advanced at each sample location to a maximum depth of 2.0 ft below the Phase I RFI or 1995 VCA sample depth or to auger refusal (whichever is encountered first). A 1-ft section of core will be collected from the sample interval. Samples will be collected in accordance with the LANL ER SOPs 6.09: Spade and Scoop Method for Collection of Soil Samples and 6.10: Hand Auger and Thin-Wall Tube Sampler.

Surface and subsurface samples will also be collected from eight grid points not previously sampled, from three locations outside of the original grid (Figure 4.2-1), and from the locations of the unsampled soil stockpiles. To define lateral extent of the residual contamination detected during previous investigations, the eight additional grid point samples will be collected from grid points forming a perimeter around the area of residual contamination. A power hand auger will be advanced at each sample location and samples will be collected from two distinct depths (0-0.5 ft. and 2.0-3.0 ft or auger refusal, whichever is encountered first) to ensure the nature and extent of potential contamination is determined. Surface samples (0-0.5 ft.) will be collected from three additional locations outside the original sample grid to define lateral extent of the residual contamination detected at sample locations 21-01934, 21-01925, and 21-01926. A 1-ft interval of core will be collected from the specified sample depths at each sample location in accordance with the LANL ER SOPs 6.09: Spade and Scoop Method for Collection of Soil Samples and 6.10: Hand Auger and Thin-Wall Tube Sampler.

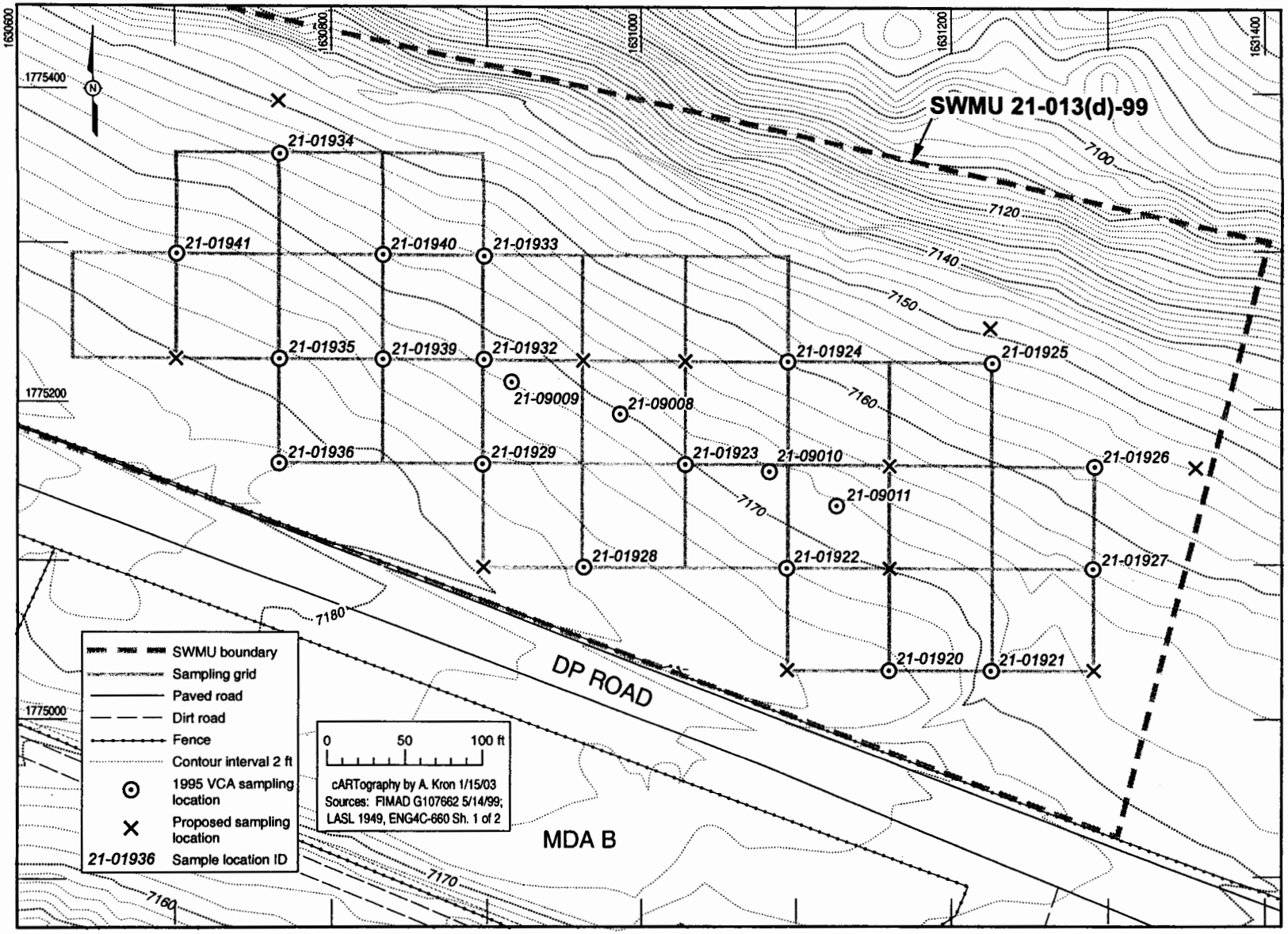

Figure 4.2-1. Proposed 2003 VCA sample locations at SWMU 21-013(d)-99

The media will be field screened and samples will be collected and shipped to an off-site fixed laboratory for analysis. Tables 4.2-1 and 4.2-2 identify the sample collection depths, provide descriptions of proposed samples, provide analysis to be performed, give total number of sample locations, and list the total number of samples to be collected.

Field screening will be performed to ensure worker health and safety. An organic vapor monitor (PID) will be used to screen samples for volatile organic vapors and an alpha probe and a beta/gamma probe will be used to screen samples for ionizing radiation. All field screening instruments will be calibrated and checked following the manufacturer's procedures and ER QP 5.2, Rev. 0: Control of Measuring and Testing Equipment. VCA activities will be implemented in accordance with LANL ER SOP 1.01: General Instructions for Field Investigations and the ER Quality Management Plan and documented per LANL Quality Procedure (QP) 5.7: Notebook Documentation for Environmental Restoration Technical Activities. All field activities will be conducted in accordance with this VCA Plan Addendum, the Site-Specific Health and Safety Plan, applicable ER SOPs and QPs and the approved Waste Characterization Strategy Form.

Table 4.2-1
Sample Depths and Descriptions for the Resampling of the 1995 VCA Sample Locations

RFI/1995 VCA Sample Location ID	1995 Sample Depth (ft bgs)	Planned VCA Addendum Sample Depth (ft bgs)	Hazardous Chemicals and Radiochemical VCA Addendum Analysis		Total Number of VCA Addendum Locations/Samples per Location
21-01920	0–2.5	0–0.5 and 3.5–4.5	VOCs, SVOCs TAL metals	Americium-241, isotopic plutonium, isotopic thorium, isotopic uranium, strontium-90, tritium	22/2
21-01921	0–2.5	0–0.5 and 3.5–4.5			
21-01922	0–2.5	0–0.5 and 3.5–4.5			
21-01923	0–0.5	0–0.5 and 3.5–4.5			
21-01924	0–2.5	0–0.5 and 3.5–4.5			
21-01925	0–2.5	0–0.5 and 3.5–4.5			
21-01926	0–0.5	0–0.5 and 2.0–3.0			
21-01927	0–0.5	0–0.5 and 2.0–3.0			
21-01928	0–2.5	0–0.5 and 3.5–4.5			
21-01929	0–2.5	0–0.5 and 3.5–4.5			
21-01932	0–2.5	0–0.5 and 3.5–4.5			
21-01933	0–0.5	0–0.5 and 2.0–3.0			
21-01934	0–0.5	0–0.5 and 2.0–3.0			
21-01935	0–2.5	0–0.5 and 3.5–4.5			
21-01936	0–2.5	0–0.5 and 3.5–4.5			
21-01939	2.5–5.0	0–0.5 and 6.0–7.0			
21-01940	0–2.5	0–0.5 and 3.5–4.5			
21-01941	0–2.5	0–0.5 and 3.5–4.5			
21-09008	0–0.5	0–0.5 and 2.0–3.0			
21-09009	0–0.5	0–0.5 and 2.0–3.0			
21-09010	0–0.25	0–0.5 and 2.0–3.0			
21-09011	0–0.25	0–0.5 and 2.0–3.0			

Table 4.2-2
Depths and Descriptions for Samples Collected From Grid Points Not Sampled During the 1995 VCA and From Below the Soil Stockpiles

Depth (ft bgs))	Location Description	Hazardous Chemicals and Radiochemical Analysis		Total Number of Locations/Samples per Location
0–0.5 and 2.0–3.0	Soil and tuff collected from eight grid points not sampled during the 1995 VCA	VOCs, SVOCs, TAL metals	Americium-241, isotopic plutonium, isotopic thorium, isotopic uranium, strontium-90, tritium	8/2
0–0.5 and 2.0–3.0	Soil and tuff collected from soil stockpile locations			5/2 Total number of locations to be field verified
0-0.5	Approximately 10 meters north of sample location 21-01934	NA	Isotopic plutonium	1/1
0-0.5	Approximately 10 meters north of sample location 21-01925	TAL metals	Strontium-90	1/1
0-0.5	Approximately 10 meters east of sample location 21-01926	TAL metals	Isotopic plutonium, isotopic uranium, strontium-90	1/1

4.3 Cleanup Activities

Results from sampling conducted during this VCA will determine if additional cleanup activities are required at the site and the extent of such activities. If required, the final cleanup activities and the derivation of the PRGs will be described in detail in the VCA Completion Report for SWMU 21-013(d)-99.

4.4 Site Restoration

All disturbed areas will be reseeded with a grass seed mixture approved by Risk Reduction and Environmental Stewardship, Ecology Group. Best Management Practices (BMPs) to control storm water run-on and run-off will be installed, as needed, until vegetation is re-established.

5.0 WASTE MANAGEMENT

Results of the previous site investigations indicate that the VCA waste meets the industrial landfill disposal requirements. Therefore, it is anticipated that waste will be disposed of at an industrial landfill.

5.1 Estimated Types and Volumes of Waste

Three separate waste streams are anticipated from this VCA. The waste streams, expected waste types, and volumes are summarized in Table 5.1-1. Waste stream descriptions, including the principal components of the waste and any uncertainties in volume calculations, are described in the paragraphs that follow.

Table 5.1-1
Waste Streams, Types, and Volumes at SWMU 21-013(d)-99

Waste Stream	Waste Type	Anticipated Volume
Decontamination water	Liquid, industrial wastewater	<100 gallon (gal.)
PPE*, plastic sheeting, and disposable sampling equipment	Solid Industrial Waste	two 55-gal. drums
Drill cuttings	Solid Industrial Waste	two 55-gal. drums

*PPE = personal protective equipment.

Decontamination Water—This waste stream will be composed of washing liquids generated from the decontamination of sampling equipment. However, the majority of equipment decontamination will be performed using dry techniques in accordance with ER SOP 01.08, Rev. 1: Field Decontamination of Drilling and Sampling Equipment.

Plastics, Personal Protective Equipment (PPE), and Sampling Wastes—This waste stream will include various types of plastic sheeting (e.g., tarps and contamination control covers), disposable gloves and coveralls, and sampling supplies such as plastic scoops, plastic bags, jars, and dry decontamination waste. Plastics, PPE, and sampling-related wastes have the potential to become contaminated through direct contact with contaminated environmental media and debris. Characterization of this waste will be determined from the contamination levels found in the soil.

Drill cuttings—This waste stream will include the surplus drill cuttings (soil and tuff) that could not be returned to the borehole.

5.2 Method of Management and Disposal

This section describes the planned methods of managing the waste from the time of generation to final disposal. All project wastes will be managed in accordance with ER SOP 01.06, Rev. 2: Management of Environmental Restoration Project Waste.

Decontamination Water—The liquid generated from decontamination of sampling equipment will be discharged onto the site.

Plastics, PPE, and Sampling Wastes—Plastics, PPE, and miscellaneous sampling wastes will be collected in lined, 55-gal. drums and stored in an appropriate and segregated waste storage area. The drums will be transported to and disposed of at an appropriate facility as determined by analytical data.

Drill cuttings—Surplus soil and tuff cuttings from the boreholes will be collected in lined, 55-gal. drums and stored in an appropriate and segregated waste storage area. The drums will be transported to and disposed of at an appropriate facility as determined by analytical data.

6.0 PROPOSED SCHEDULE AND UNCERTAINTIES

The field activities associated with this VCA are expected to begin in February 2003. The VCA completion report will be prepared and submitted to NMED Hazardous Waste Bureau (HWB) during 2003. The schedule for specific VCA activities is summarized in Table 6.0-1.

Table 6.0-1
VCA Field Work Schedule

Activity	Workday Duration	Start	Finish
Readiness review/preparation	24 days	January 02, 2003	February 06, 2003
Site survey	12 days	January 16, 2003	February 03, 2003
Surface and Subsurface sampling	10 days	February 10, 2003	February 24, 2003
Laboratory analysis	25 days	February 25, 2003	April 03, 2003
Final site survey	1 day	February 25, 2003	February 25, 2003
Site restoration	3 days	February 26, 2003	February 28, 2003
Data Validation	5 days	April 4, 2003	April 11, 2003
Overall	71 days	January 02, 2003	April 11, 2003

7.0 REFERENCES

The following list includes all references cited in this document. Parenthetical information following each reference provides the author, publication date, and the ER identification (ID) number. This information also is included in the citations in the text. ER ID numbers are assigned by RRES-R to track records associated with the Program. These numbers can be used to locate copies of the actual documents at the RRES-R Program's Records Processing Facility and in the RRES-R Program reference library entitled "Reference Set for Material Disposal Areas, Technical Area 21."

Copies of the reference library are maintained at NMED-HWB, the DOE Los Alamos Area Office, and the RRES-R Program office. This library is a living collection of documents that was developed to ensure that the administrative authority has all the necessary material to review the decisions and actions proposed in this document. However, documents previously submitted to the administrative authority are not included in the reference library.

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Appendix A

Acronyms and Abbreviations

APPENDIX A ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
BMP	best management practices
BV	background values
COPC	chemical of potential concern
DOE	Department of Energy
EPA	US Environmental Protection Agency
ER	Environmental Restoration (Project)
ft	foot or feet
gal.	gallon
HWB	Hazardous Waste Bureau
in.	inch or inches
LANL	Los Alamos National Laboratory
M	meter
NFA	No Further Action
NMED	New Mexico Environment Department (New Mexico Environmental Improvement Division before 1991)
PCB	polychlorinated biphenyl
pCi/gm	pico Curies per gram
PID	photo-ionization detector
PPE	personal protective equipment
PRG	preliminary remediation goal
QP	quality procedure
RRES-R	Risk Reduction and Environmental Stewardship–Remediation
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SAL	screening action level
SOP	standard operating procedure
SVOC	semivolatile organic compound
SWMU	Solid Waste Management Unit
T&E	threatened and endangered
TA	technical area
TAL	target analyte list (EPA)
TCLP	toxicity characteristic leaching procedure

VCA	voluntary corrective action
VOC	volatile organic compound
yd^3	cubic yard

Appendix B

VCA Checklist and Field Work Authorization Form

Accelerated Corrective Action (ACA)
Checklist and Field Work Authorization Form

PRS Number: 21-013(d)-99 ☒ HSWA ☐ Non-HSWA

Yes	No	
X		Fact sheet describing planned activities is complete and attached to checklist.
X		COPC(s) for human health risk (HH), ecological risk (ECO), or other requirements are known or will be determined during accelerated site characterization.
X		Nature and extent of contamination is defined or accelerated site characterization is planned as part of this action to define nature and extent and to guide cleanup.
X		Cleanup levels/preliminary remediation goals (PRGs) are appropriate.
X		Remedy is obvious.
X		Time for removal is less than six months.
X		Remedy is final.
X		Land use assumptions are straightforward.
X		Treatment, Storage, and Disposal (TSD) Facilities are available for waste type and volume.
X		Cleanup cost is reasonable for the planned action and meets accelerated decision logic criterion for decision to proceed with ACA.
	X	Briefing for NMED is required.

Explain criteria not checked above:

Because SWMU 21-013(d)-99 is part of a land transfer subparcel, we are proceeding at risk with this work. The remedy is obvious and the VCA work was started in 1995. A request for supplemental information (RSI) was received from the New Mexico Environment Department (NMED) on the original VCA completion report. Therefore, we do have direction from NMED regarding activities required to complete the characterization and (if necessary) remediation of this site.

Los Alamos
Environmental Restoration Project

Accelerated Corrective Action (ACA)
Checklist and Field Work Authorization Form

PRS Number: 21-013(d)-99 ☒ HSWA ☐ Non-HSWA

Upon reviewing the Accelerated Corrective Action Fact Sheet and the criteria checklist above, the appropriate Accelerated Corrective Action approach for the PRS(s) is (check one): ☒ VCA ☐ VCM

Signatures of the Representative for UC-Laboratory, DOE-LAAO, and NMED-HRMB:

UC: Becky J. Coel-Roback — 10-Feb-03
(Print Name and Title, then Sign) (Date)

DOE: Lance A. Woodworth — 12-Feb-03
(Print Name and Title, then Sign) (Date)

NMED: _____ _____
(Print Name and Title, then Sign) (Date)

The undersigned have reviewed the final plan and believe that it fully satisfies the appropriate Accelerated Corrective Action Approach.

Signatures of the Representative for UC-LANL and DOE-LAAO

UC: _____ _____
(Print Name and Title, then Sign) (Date)

DOE: _____ _____
(Print Name and Title, then Sign) (Date)

Action	Date	Correspondence ID
VCA or VCM plan submitted to NMED		
NOD or RSI received from NMED		
Laboratory response to NOD or RSI		
NMED approval of VCA or VCM plan		

After reviewing the VCA or VCM plan for the site(s) listed above and believing that the ACA process and VCA or VCM criteria have been met, I authorize the fieldwork to proceed.

DOE ER Program Manager _____ _____
(Signature) (Date)

Los Alamos
Environmental Restoration Project

APPENDIX B VCA CHECKLIST AND FIELD WORK AUTHORIZATION FORM

Voluntary Corrective Action Fact Sheet for SWMU 21-013(d)-99

Sampling and Spoil Pile Remediation

Erosion Matrix Score: 21-013(d)-99 = 24.9

OPERATIONAL HISTORY

Solid Waste Management Unit (SWMU) 21-013(d)-99 (Fig. 1) consists of two former surface disposal areas for non-radioactive solid waste (building debris), and is listed in Module VIII of Los Alamos National Laboratory's (the Laboratory's) Hazardous Waste Facility Permit. SWMU 21-013(d)-99, which is located at the Laboratory's Technical Area (TA) 21, consists of former SWMUs 21-013(d) and 21-013(e). SWMU 21-013(d) was referred to as the "cold dump" and was used for the disposal of construction-related debris. SWMU 21-013(e) was the former disposal site for building debris including excess concrete, demolished foundations, fill, and asphalt removed from parking lots, etc. According to Bill Francis, a former supervisor responsible for maintaining these disposal areas from 1947 until 1983, no materials containing or contaminated with radionuclides, high explosives, or chemicals were disposed of at either location (Memorandum from B. Francis to L. Causey, July 1998, 66249.118).

Previous Investigations and Contaminants of Potential Concern

1994 RCRA FACILITY INVESTIGATION (RFI) ACTIVITIES

The Phase I RFI was conducted simultaneously for both SWMU 21-013(d) and SWMU 21-013(e), because the boundary between the sites was indiscernible. A total of twenty-six grid sections were laid out over the combined SWMUs, with each grid section measuring 20 m by 20 m. A radiation survey was conducted over the entire grid area. Detected radiation levels were slightly elevated above local TA-21 background levels in some survey locations. Samples were collected from several depths at nine grid locations within each SWMU and were field screened for volatile organic compounds (VOCs) and alpha, beta/gamma, and gamma radiation (LANL 1996, 54320.1). For SWMU 21-013(d), three surface soil samples (0 to 6 in. bgs) and seven samples from 0 to 2.5-ft bgs were submitted to an offsite fixed laboratory for target analyte list (TAL) metals, polychlorinated biphenyls (PCBs), tritium, isotopic uranium and plutonium, americium-241, strontium-90, VOC, and semivolatile organic compound (SVOC) analyses. For SWMU 21-013(e), two surface soil samples (0 to 6 in. bgs) and seven samples from 0 to 2.5-ft bgs were submitted to an offsite fixed laboratory for the same suite of analytes listed above. Inorganic results for SWMU 21-013(d) showed lead, mercury, and zinc detected above background values (BVs) but below screening action levels (SALs). Radionuclide results showed strontium-90 and plutonium-239 detected above BVs but not above SALs. Results for SWMU 21-013(e) showed lead and mercury detected above BVs but below SALs. Plutonium-238 and -239 and uranium-235 were detected above BVs but below SALs. Two organic compounds, acetone and methylene chloride) were detected at both sites, but are thought to be the result of laboratory contamination. An RFI report was never produced.

1995 VCA ACTIVITIES

VCA plans were prepared and implemented by the Laboratory's Environmental Restoration (ER) Project, at both SWMUs in 1995. VCA activities involved field screening for VOCs and radioactivity, and removal of construction debris and asphalt spoil piles at both sites. Spoil piles that were determined to contain only

soil were not removed. Field screening conducted during the removal action did not detect radioactivity or VOCs above background levels. Upon completion of debris removal, two confirmation surface soil samples were collected from each SWMU at the former asphalt spoil pile locations. The samples were analyzed for VOCs, SVOCs, TAL metals, PCBs, tritium, isotopic uranium, isotopic plutonium, americium-241, and strontium-90. Preliminary remediation goals (PRGs) for both sites were established based on an industrial land use

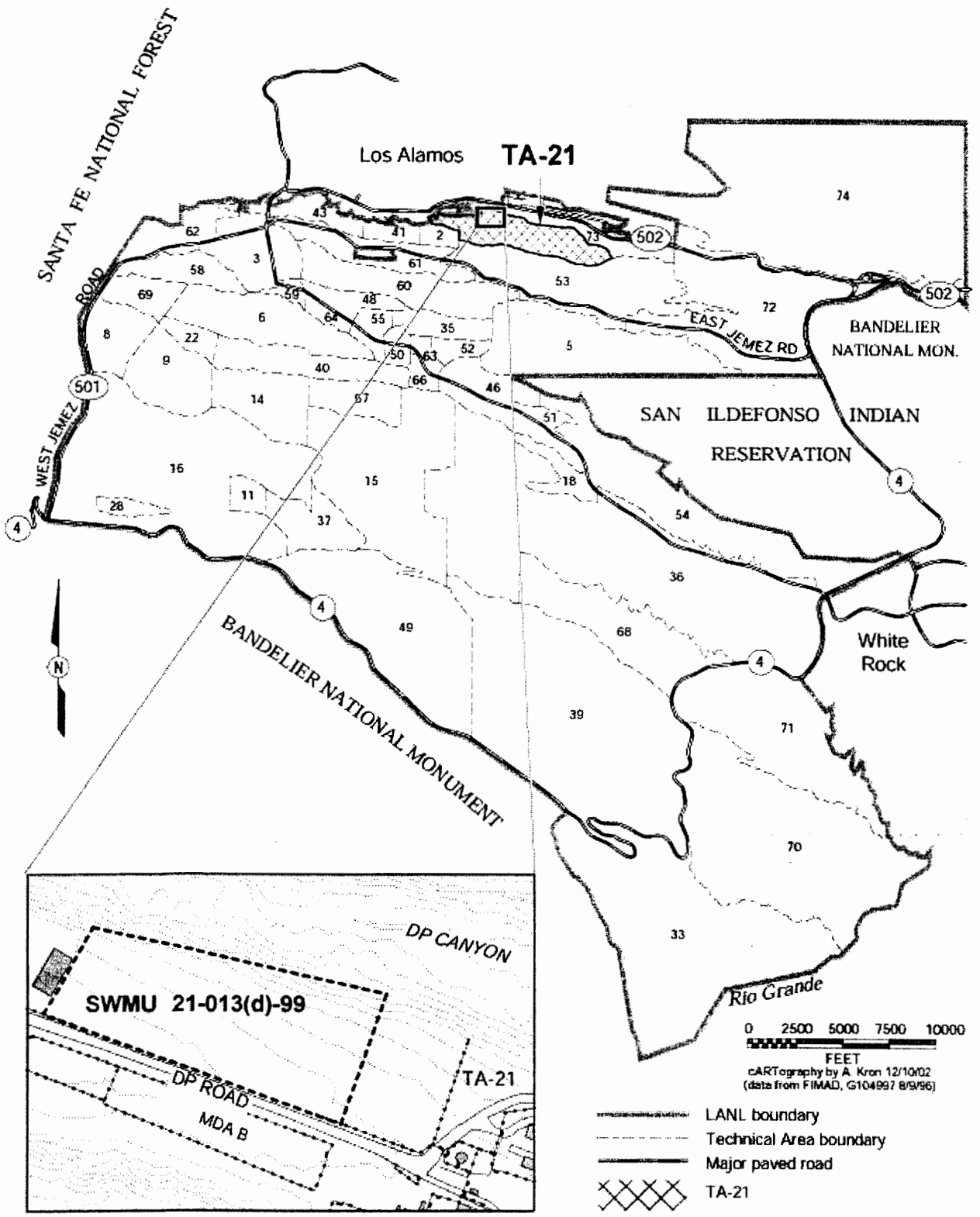

Figure 1. Locations of TA-21 and SWMU 21-013(d)-99 with respect to Laboratory TAs and surrounding land holdings

scenario. In the confirmation samples collected at SWMU 21-013(e), lead was detected above background but below the PRG. The detection limits of several other inorganic chemicals exceeded BVs but not their respective PRGs. Acetone, bis(2-ethylhexyl)phthalate, and di-n-butylphthalate were detected at SWMU 21-013(e) below their respective PRGs. Plutonium-239 and americium-241 were detected above BVs and were attributed to soil deposition from emissions from former TA-21 operations. Because none of the COPCs detected exceeded their respective PRGs, both SWMUs were proposed for no further action (NFA). Site restoration involved discing of disturbed areas with a tractor and disc harrow and reseeding.

In June 1998, the New Mexico Environmental Department (NMED) issued a Request for Supplemental Information (RSI) on the VCA completion report for SWMUs 21-013 (d) and 21-013(e) based on deviations from the approved RFI work plan and VCA plans. LANL submitted a response to the RSI 1h July 1998; however, NMED has not yet concurred with the determination of NFA recommended for both SWMUs. The two SWMUs were consolidated into SWMU 21-013(d)-99 during the FY99 Annual Unit Audit.

VCA Rationale

Because the remedy for this site was obvious (i.e., debris removal and confirmation sampling), a VCA was performed at SWMU 21-013(d)-99 in 1995 based on an industrial land use scenario. However, this site is now part of a subparcel slated for land transfer to Los Alamos County in 2003. Although future land use is anticipated to remain industrial following transfer to the county, the public will have unrestricted access to the property on which this SWMU is located. Therefore, it was determined that additional confirmation sampling and analysis followed by a human health screening assessment based on a residential land use scenario are appropriate.

VCA Implementation

VCA activities at this site will focus on confirming previous sample results and determining lateral extent of contamination. In addition, soil spoil piles that were not sampled during previous investigations will be sampled to determine the nature and extent of any contamination associated with these piles. The following sample collection activities will take place:

- Original grid locations—22 formerly sampled locations will be resampled at two depths (approximately 0 to 0.5 ft and 2 to 3 ft bgs) and submitted to a fixed offsite analytical laboratory for VOC, SVOC, TAL metal, alpha spectroscopy, Am-241, isotopic plutonium, isotopic uranium, strontium-90, and tritium analysis to address the NMED RSI comments regarding sample interval and document current site conditions.

- Additional grid locations—eight previously unsampled locations from the original grid will be sampled at two depths (approximately 0 to 0.5 and 2 to 3 ft bgs). These samples will be submitted to a fixed offsite analytical laboratory for VOC, SVOC, TAL metal, alpha spectroscopy, Am-241, isotopic plutonium, isotopic uranium, strontium-90, and tritium analysis to address the NMED RSI comments regarding sample quantity and locations.

- Lateral extent—three locations will be sampled at one depth (0 to 0.5 ft) outside of the original grid to determine the lateral extent of contamination detected near the north and east grid edges in previous sampling events. These samples will be submitted to a fixed offsite analytical laboratory for specific analytical suites (e.g., TAL metals, isotopic plutonium) based on the original sample results.

- Soil spoil piles—approximately five locations will be sampled at two depths (to be determined) in spoil piles remaining at the site. These samples will be submitted to a fixed offsite analytical laboratory for VOC, SVOC, TAL metal, alpha spectroscopy, Am-241, isotopic plutonium, isotopic uranium, strontium-90, and tritium analysis.

If analytical results indicate that the soil spoil piles at the site are shown to pose an unacceptable risk to human health and the environment, they will be removed and managed in accordance with applicable federal, state and LANL waste management requirements. If screening assessments indicate that the soil does not pose a risk to human health and the environment, site restoration may include grading the soil piles to match the topography at the site. Following restoration, the site will be reseeded with native vegetation.

Anticipated Waste Types and Volumes

Three separate waste streams are anticipated from this VCA as presented in the following table. Waste associated with the removal of soil would only be generated in the event a removal action is required. A detailed discussion of waste determination and management activities will be presented in the VCA Plan.

Waste Streams, Types, and Volumes at SWMU 21-013(d)-99

Waste Stream	Waste Type	Anticipated Volume
PPE[a], plastic sheeting, and disposable sampling equipment	Solid, potentially LLW[b] or industrial waste	Two 55-gal. drums
Drill cuttings	Solid, potentially LLW or industrial waste	Two 55-gal. drums
Contaminated soil (if excavated)	Solid, potentially LLW or industrial	<5 yd^3

[a]PPE = personal protective equipment.
[b]LLW = low level (radioactive) waste.

Estimated Cost

The estimated cost of VCA activities for SWMU 21-013(d)-99 is $786,508.00. These activities include

- Preparation of the VCA Plan Addendum
- Removal action, if necessary
- Sample collection
- Sample analysis
- Waste management
- Site restoration
- Preparation of the VCA Completion Report

Schedule

The initial sampling portion of this VCA is expected to begin during the second quarter of FY03 and take less than one month to complete. Following receipt of analytical results, it will be determined if further

removal actions are needed at this site. Removal actions and/or site restoration will take place during the third quarter of FY03 and take less than one month to complete.

Reference List of Past Plans, Reports, etc.

- LANL (Los Alamos National Laboratory), May 1991. "TA-21 Operable Unit (1106) RFI Work Plan for Environmental Restoration," Volume II, Los Alamos, New Mexico. (LANL 1991, 7529)
- LANL (Los Alamos National Laboratory), May 1991. "TA-21 Operable Unit RFI Work Plan for Environmental Restoration," Volume III, Los Alamos National Laboratory document LA-UR-91-962, Los Alamos, New Mexico. (LANL 1991, 7680)
- LANL (Los Alamos National Laboratory), June 1995. "Voluntary Corrective Action Completion Plans for Potential Release Sites, Group 2: SWMUs 21-002(b), 21-013(c), 21-013(e), 31-001," Los Alamos, New Mexico. (LANL 1995, 57048.1)
- LANL (Los Alamos National Laboratory), September 1995. "Voluntary Corrective Action Plan for SWMU 21-013(d)," Los Alamos, New Mexico. (LANL 1995, 50085.3)
- LANL (Los Alamos National Laboratory), September 1995. "Voluntary Corrective Action Completion Reports for Potential Release Sites, Group 2: SWMUs 21-013(c,d,e), 31-001," Los Alamos National Laboratory document LA-UR-96-259, Los Alamos, New Mexico. (LANL 1995, 54320.1)
- LANL (Los Alamos National Laboratory), July 1998. "Response to Request for Supplemental Information on the VCA Report For TA's 21 and 31 (Former OUs 1106 and 1079, FU1)," Los Alamos National Laboratory, Los Alamos, New Mexico. (LANL 1998, 58709)

Appendix C

Surface Water Assessment

Los Alamos National Laboratory

Environment, Safety & Health Division
ESH-18 Water Quality & Hydrology Group

Surface Water Assessment
Erosion Matrix for PRS 21-013(d)

CRITERIA EVALUATED	Value	Erosion/Sediment Transport Potential Low 0.1	Medium 0.5	High 1.0	Calculated Score
Site Setting (43)					
On mesa top	1	Defined based on topographic setting			1.0
Within bench of canyon	4				
Within the canyon floodplain but not watercourse	13				
Within bottom of canyon channel in watercourse	17				
Estimated % ground and canopy cover	13	>75%	25-75%	<25%	6.5
Slope	13	0-10%	10-30%	>30%	1.3
Surface Water Factors-Run-off (46)					
Visible evidence of runoff discharging? (Yes/No)	5	If no, score of 0 for runoff section.			5.0
		If yes, score 5 and proceed with section.			
Where does runoff terminate?	19	Other	Bench Setting	Drainage/Wetland	1.9
Has runoff caused visible erosion? (Yes/No)	22	Sheet	Rill	Gully	2.2
		If no, score as 0. If yes, calculate as appropriate.			
Surface Water Factors-Run-on (11)					
Structures adversely affecting run-on (Yes/No)	7*	If yes, score as 7. If no, score as 0.			0.0
Current operations adversely impacting (Yes/No)	4	If yes, score as 4. If no, score as 0.			0.0
Natural drainages onto site (Yes/No)	7*	If yes, score as 7. If no, score as 0.			7.0
**Select either structures or natural drainages.*					
MAX. POSSIBLE EROSION MATRIX SCORE:	100			**Total Score**	24.9

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Los Alamos National Laboratory
SURFACE WATER
SITE ASSESSMENT

SITE INFORMATION

1a) PRS Number: 21-013(d) 1b) Structure Number: 1c) FMU Number: 80

2. Date/Time (M/D/Y H:M am/pm): 6/25/1999

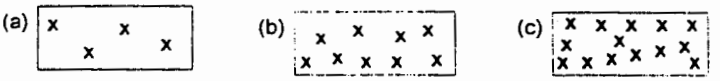
SITE SETTING (check all that apply)

3. (●) On mesa top (a). ( ) In the canyon floor, but not in an established channel (c).
   ( ) Within a bench of a canyon (b). ( ) Within established channel in the canyon floor (d).

Explanation: Surface disposal area across DP Road from MDA B and MDA V

4. Estimated ground and/or canopy cover at site: (deciduous leaves, pine needles, rocks, vegetation, trees, structures, asphalt, etc.)

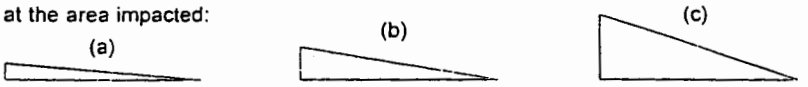
(illustration)



Estimated % of ground/canopy cover: ( ) 0% to 25% (●) 25% to 75% ( ) 75% to 100

Explanation: Mixed vegetation with some barren areas. Gravel, grasses and mixed pinon/juniper canopy

5. Steepest slope at the area impacted:



(●) Less than 10% ( ) 10% to 30% ( ) 30% and greater

Explanation: Mostly flat, sloping towards DP Canyon.

RUNOFF FACTORS

Y / N

☑ ☐ 6. Is there visible evidence of runoff discharging from site? If yes, answer a) - c) below:

☐ ☑ 6a) Is runoff channelized? If yes, describe: ( ) Man-made channel. ( ) Natural channel.

Explanation: Evidence of sheetflow runoff throughout site..

RUNOFF FACTORS, CONT'D

6b) Where does evidence of runoff terminate?

- ○ Drainage or wetland (name) DP Canyon
- ○ Within bench of canyon setting (name)
- ◉ Other (i.e., retention pond, meadow, mesa top) Meadow

Explanation: Ruoff appears to infiltrate at site.

Y / N

☑ ☐ 6c) Has runoff caused visible erosion at the site? If yes, explain below: ○ Sheet ○ Rill ○ Gully

Explanation: Sheet flow erosion across site, minimal evidence of rills.

RUN-ON FACTORS

Please rate the potential for storm water to run on to this site: (Check EITHER #7 or #9)

☐ ☑ 7. Are structures (i.e., buildings, roof drains, parking lots, storm drains) creating run-on to the site?

Explanation: None.

☐ ☑ 8. Are current operations (i.e., fire hydrants, NPDES outfalls) adversely impacting run-on to the site?

Explanation: None

☑ ☐ 9. Are natural drainage patterns directing stormwater onto site?

Explanation: Minor upslope drainage.

ASSESSMENT FINDING:

☐ ☑ 10. Based on the above criteria and the assessment of this site, does soil erosion potential exist? (REFER TO EROSION POTENTIAL MATRIX.)

Veenis, Steve

11. Signature of Water Quality/Hydrology Representative

_____ Initials of independent reviewer.

Check here when information is entered in database: ☑

This page is for ESH-18 notes, recommendations, and photos.

	Y	N	
12. a)	○	●	Is there visible trash/debris on the site?
b)	○	●	Is there visible trash/debris in a watercourse?

Description of existing BMPs:

○	○	Are BMPs being properly maintained? If no, describe in "Other Internal Notes."
○	○	Are BMPs effectively keeping sediment in place and reducing erosion potential?

OTHER INTERNAL NOTES:

Los Alamos National Laboratory

Environment, Safety & Health Division
ESH-18 Water Quality & Hydrology Group

Surface Water Assessment
Erosion Matrix for PRS 21-013(e)

CRITERIA EVALUATED	Value	Erosion/Sediment Transport Potential Low 0.1	Medium 0.5	High 1.0	Calculated Score
Site Setting (43)					
On mesa top	1	Defined based on topographic setting			1.0
Within bench of canyon	4				
Within the canyon floodplain but not watercourse	13				
Within bottom of canyon channel in watercourse	17				
Estimated % ground and canopy cover	13	>75%	25-75%	<25%	6.5
Slope	13	0-10%	10-30%	>30%	1.3
Surface Water Factors-Run-off (46)					
Visible evidence of runoff discharging? (Yes/No)	5	If no, score of 0 for runoff section.			5.0
		If yes, score 5 and proceed with section.			
Where does runoff terminate?	19	Other	Bench Setting	Drainage/Wetland	1.9
Has runoff caused visible erosion? (Yes/No)	22	Sheet	Rill	Gully	2.2
		If no, score as 0. If yes, calculate as appropriate.			
Surface Water Factors-Run-on (11)					
Structures adversely affecting run-on (Yes/No)	7*	If yes, score as 7. If no, score as 0.			0.0
Current operations adversely impacting (Yes/No)	4	If yes, score as 4. If no, score as 0.			0.0
Natural drainages onto site (Yes/No)	7*	If yes, score as 7. If no, score as 0.			7.0
**Select either structures or natural drainages.*					
MAX. POSSIBLE EROSION MATRIX SCORE:	**100**			**Total Score**	24.9

Report Printed 11/18/2002 11:05:26 AM.

Los Alamos National Laboratory
SURFACE WATER
SITE ASSESSMENT

SITE INFORMATION

1a) PRS Number: 21-013(e) 1b) Structure Number: [ ] 1c) FMU Number: 80

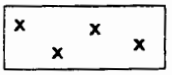
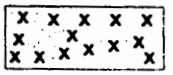
2. Date/Time (M/D/Y H:M am/pm): 6/25/1999

SITE SETTING (check all that apply)

3. (●) On mesa top (a). ( ) In the canyon floor, but not in an established channel (c).
   ( ) Within a bench of a canyon (b). ( ) Within established channel in the canyon floor (d).

Explanation: Surface disposal area across DP Road from MDA B and MDA V

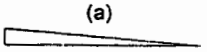
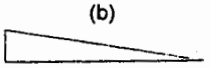
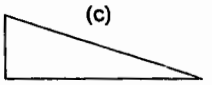
4. Estimated ground and/or canopy cover at site: (deciduous leaves, pine needles, rocks, vegetation, trees, structures, asphalt, etc.)

(illustration) (a)  (b) (c) 

Estimated % of ground/canopy cover: ( ) 0% to 25% (●) 25% to 75% ( ) 75% to 100

Explanation: Mixed vegetation with some barren areas. Gravel, grasses and mixed pinon/juniper canopy

5. Steepest slope at the area impacted:

(a)  (b)  (c) 

(●) Less than 10% ( ) 10% to 30% ( ) 30% and greater

Explanation: Mostly flat, sloping towards DP Canyon.

RUNOFF FACTORS

Y / N

[x] [ ] 6. Is there visible evidence of runoff discharging from site? If yes, answer a) - c) below:

[ ] [x] 6a) Is runoff channelized? If yes, describe: ( ) Man-made channel. ( ) Natural channel.

Explanation: Evidence of sheetflow runoff throughout site..

RUNOFF FACTORS, CONT'D

6b) Where does evidence of runoff terminate?

- ○ Drainage or wetland (name) Los Alamos Canyon
- ○ Within bench of canyon setting (name)
- ◉ Other (i.e., retention pond, meadow, mesa top) Meadow

Explanation: Ruoff appears to infiltrate at site.

Y / N

☑ ☐ 6c) Has runoff caused visible erosion at the site? If yes, explain below: ○ Sheet ○ Rill ○ Gully

Explanation: Sheet flow erosion across site, minimal evidence of rills.

RUN-ON FACTORS

Please rate the potential for storm water to run on to this site: (Check EITHER #7 or #9)

☐ ☑ **7.** Are structures (i.e., buildings, roof drains, parking lots, storm drains) creating run-on to the site?

Explanation: None.

☐ ☑ **8.** Are current operations (i.e., fire hydrants, NPDES outfalls) adversely impacting run-on to the site?

Explanation: None

☑ ☐ **9.** Are natural drainage patterns directing stormwater onto site?

Explanation: Minor upslope drainage.

ASSESSMENT FINDING:

☐ ☑ **10. Based on the above criteria and the assessment of this site, does soil erosion potential exist? (REFER TO EROSION POTENTIAL MATRIX.)**

Veenis, Steve

11. Signature of Water Quality/Hydrology Representative

_____ Initials of independent reviewer.

Check here when information is entered in database: ☑

This page is for ESH-18 notes, recommendations, and photos.

	Y	N	
12. a)	○	●	Is there visible trash/debris on the site?
b)	○	●	Is there visible trash/debris in a watercourse?

Description of existing BMPs:

○	○	Are BMPs being properly maintained? If no, describe in "Other Internal Notes."
○	○	Are BMPs effectively keeping sediment in place and reducing erosion potential?

OTHER INTERNAL NOTES:

Appendix D

Ecological Scoping Checklist

APPENDIX D ECOLOGICAL SCOPING CHECKLIST

Part A—Scoping Documentation

Site ID	SWMU 21-013(d)-99
Form of site releases (solid, liquid, vapor). Describe all relevant known or suspected mechanisms of release (spills, dumping, material disposal, outfall, explosive testing, etc.) and describe potential areas of release. Reference locations on a map as appropriate.	The primary mechanism of release at SWMU 21-013(d)-99 is related to the former surface disposal operations at the site. Solid material and debris comprise the majority of the site releases associated with SWMU 21-013(d)-99. Disposal items include (but are not limited to) soil piles, wood scrap, scrap metal, car parts, glass, cans, plastic bags, and construction debris. Contaminants may have leached from debris material and contaminated surface and subsurface soil and tuff at the site
List of Primary Impacted Media **(Indicate all that apply.)**	**Surface soil – X** Residual COPC concentrations have been measured in surface soil and tuff remaining at the site. **Surface water/sediment –** **Subsurface – X** Residual COPC concentrations have been measured in the subsurface soil and tuff of the site. **Groundwater –** **Other, explain –**
FIMAD vegetation class based on Arcview vegetation coverage **(Indicate all that apply.)**	Water – Bare Ground/Unvegetated – **X** Spruce/fir/aspen/mixed conifer – Ponderosa pine – **X** Piñon juniper/juniper savannah – **X** Grassland/shrubland – **X** Developed – SWMU 21-013(d)-99 exists within the ecological transition zone of the piñon/juniper woodlands and the ponderosa pine woodlands; thus, the overstory contains a mosaic of piñon, juniper, and ponderosa pine. Scrub oak and grasses are the prominent understory species. Areas within the SWMU (towards the southern extent of the site) have thin soils or exposed tuff areas lacking vegetative cover.
Is T&E Habitat Present? **If applicable, list species known or suspected to use the site for breeding or foraging.**	SWMU 21-013(d)-99 is adjacent to core habitat for nesting and foraging of the Mexican spotted owl (LANL internal NEPA review, 10/17/02), though nesting of the owl has not been confirmed at the SWMU.
Provide list, of Neighboring/ Contiguous/ Up-gradient sites, include a brief summary of COPCs and the form of releases for relevant sites and reference a map as appropriate. **(Use this information to evaluate the need to aggregate sites for screening.)**	SWMU 21-013(d)-99 is adjacent to SWMU 21-024(f), the former location of a septic tank and outfall. AOCs C-20-015 and C-21-030 (former location a building and associated sump) are also nearby SWMU 21-013(d)-99. SWMUs 21-018(a and b), 21-013(b), 21-015, 21-023(c), 21-027(d) and C-21-030 area located across a roadway, south of SWMU 21-013(d)-99. Numerous SWMU are located with in the nearby TA-21 facility complex.

Surface Water Erosion Potential Information **Summarize information from SOP 2.01, including the run-off subscore (maximum of 46); terminal point of surface water transport; slope; and surface water run-on sources.**	Vegetative cover within SWMU 21-013(d)-99 varies between 25% and 75%. Some areas are primarily exposed soil and/or tuff, while others have healthy grasses and forbs and numerous trees (ponderosa pine, piñon, and juniper). The terminal point for surface water run-off is identified as a meadow that is down-gradient of the site, also down-gradient of the site is DP Canyon (approximately 1500 ft east of the SWMU), which may receive run-off. The erosion potential was determined to be 9.1, with slopes generally less than 10%, indicating a low potential for erosion. The SWMU is on the top of a mesa, but has a surface water run-on score of 7.0, indicating that there are minor, natural drainages to the site.

Part B—Site Visit Documentation

Receptor Information:

Estimate cover	**Relative vegetative cover (high, medium, low, none)** = Medium to high. **Relative wetland cover (high, medium, low, none)** = None. **Relative structures/asphalt, etc. (high, medium, low, none)** = None.
Field notes on the FIMAD vegetation class to assist in ground-truthing the Arcview information	SWMU 21-013(d)-99 exists within the ecological transition zone of the piñon/juniper woodlands and the ponderosa pine woodlands; thus, the overstory contains a mosaic of piñon, juniper, and ponderosa pine. Scrub oak and grasses are the prominent understory species. Areas within the SWMU (towards the southern extent of the site) have thin soils or exposed tuff areas lacking vegetative cover. The vegetation description provided here was confirmed during a site visit on October 02, 2002.
Field notes on T&E Habitat, if applicable. Consider the need for a site visit by a T&E subject matter expert to support the use of the site by T&E receptors.	SWMU 21-013(d)-99 is adjacent to core habitat for nesting and foraging of the Mexican spotted owl (LANL internal NEPA review, 10/17/02), though nesting of the owl has not been confirmed at the SWMU.
Are ecological receptors present at the site? **(yes/no/uncertain)** **Describe the general types of receptors present at the site (terrestrial and aquatic), and make notes on the quality of habitat present at the site.**	Yes. Terrestrial plants and animals are present at the site. Mammal burrows that appeared limited in extent and in isolated locations were identified during the site visit, as were small mammal tracks. Ground-dwelling insects (ants) and pollinating insects (probably small bees) were also observed. Other than the areas with thin soil and exposed tuff, the habitat quality was high and the site supports a vigorous understory vegetation mix of grasses and forbs appropriate for foraging animals.

Contaminant Transport Information:

Surface water transport **Field notes on the erosion potential, including a discussion of the terminal point of surface water transport (if applicable).**	The medium ground cover combined with slopes that are generally less than 10% indicate that surface water transport is minimal, though some evidence of sheet flow exists on the surface. Run-off terminates in a down-gradient meadow, but large precipitation events may cause surface water transport to the DP Canyon to the east. Erosion of the topsoil has been mitigated by the implementation of BMPs, including slope stabilization and erosion control measures.

Are there any off-site transport pathways (surface water, air, or groundwater)? **(yes/no/uncertain)** **Provide explanation**	**Surface Water:** Uncertain. Run-on and run-off are generally limited because of the site's location on the top of a mesa and the gentle slopes. Run-off terminates in a down-gradient meadow, but may terminate in the adjacent DP Canyon during large precipitation events. Note that the surface water in the DP Canyon is intermittent. **Air:** Yes. Volatile chemicals identified in the soil samples from the site may be released to the atmosphere. Additionally, transport of COPCs via dust may occur. **Groundwater:** No. The low, average precipitation at the site and the ~1,000 feet depth to groundwater (LANL, 1999) preclude the pathway to groundwater, i.e., evapotranspiration rates far exceed infiltration rates. Additionally, a deep well drilled at the adjacent DP Canyon (800 feet) did not find perched groundwater. Lastly, no seeps or springs are located near the site, indicating that perched alluvial aquifers are also absent in the region.
Interim action needed to limit off-site transport? **(yes/no/uncertain)** **Provide explanation/ recommendation to project lead for IA SMDP.**	No. Off-site transport of the topsoil remaining at SWMU 21-013(d)-99 has been mitigated by the implementation of BMPs, including slope stabilization and erosion control measures.

Ecological Effects Information:

Physical Disturbance **(Provide list of major types of disturbances, including erosion and construction activities, review historical aerial photos where appropriate.)**	Disturbances now evident are associated with the previous site use for debris disposal and the subsequent excavation of the debris. Disturbances include the removal of vegetation and top soil in areas of the site.
Are there obvious ecological effects? **(yes/no/uncertain)** **Provide explanation and apparent cause (e.g., contamination, physical disturbance, other).**	No. However, other than the small areas with evidence of disturbance, the remaining habitat appeared healthy and capable of supporting foraging and other activities such as burrowing by ecological receptors.
Interim action needed to limit apparent ecological effects? **(yes/no/uncertain)** **Provide explanation and recommendations to mitigate apparent exposure pathways to project lead for IA SMDP.**	No

Exposure/Transport Pathways:

If there are no complete exposure pathways to ecological receptors on-site and no transport pathways to off-site receptors, the remainder of the checklist should not be completed. Stop here and provide additional explanation/justification for proposing an ecological No Further Action recommendation (if needed). At a minimum, the potential for future transport should include likelihood that future construction activities could make contamination more available for exposure or transport.

Not applicable.

Part C—Ecological Pathways Conceptual Exposure Model

Question A:

Could soil contaminants reach receptors via vapors?

Volatility of the hazardous substance (volatile chemicals generally have Henry's Law constant $>10^{-5}$ atm-me/mol and molecular weight <200 g/mol).

Answer (likely/unlikely/uncertain): **Unlikely.**

Provide explanation: **Two volatile organic compounds (VOCs) were detected in soil samples taken from the site: acetone, and methylene chloride. Potential exposure to these VOCs is not expected to cause adverse ecological effects because the chemicals were detected in a limited number of samples and at very low concentrations.**

Question B:

Could the soil contaminants reach receptors through fugitive dust carried in air?

Soil contamination would have to be on the actual surface of the soil to become available for dust.

In the case of dust exposures to burrowing animals, the contamination would have to occur in the depth interval where these burrows occur.

Answer (likely/unlikely/uncertain): **Likely.**

Provide explanation: **COPCs at SWMU 21-013(d)-99 have been identified in soil and tuff samples taken from the site. Dust exposure to COPCs in tuff is expected to be a minor pathway to all potential ecological receptors due to the weathering that must occur to the tuff prior to exposure. Dust exposure to burrowing animals may occur if residual contamination occurs in the same depth interval as the burrows. However, the current conditions of the site largely preclude the development of burrowing animal populations because the soil that remains at the site is generally shallow (< 5 ft).**

Question C:

Can contaminated soil be transported to aquatic ecological communities (use SOP 2.01 run-off score and terminal point of surface water runoff to help answer this question)?

If the SOP 2.01 run-off score* for each SWMU included in the site is equal to zero, this suggests that erosion at the site is not a transport pathway. (* Note that the runoff score is not the entire erosion potential score; rather it is a subtotal of this score with a maximum value of 46 points).

If erosion is a transport pathway, evaluate the terminal point to see if aquatic receptors could be affected by contamination from this site.

Answer (likely/unlikely/uncertain): **Unlikely.**

Provide explanation: **Erosion is expected to be a minor transport mechanism for COPCs from SWMU 21-013(d)-99 and run-off is expected to terminate in a down-gradient meadow, though high volumes of run-off may terminate in the adjacent DP Canyon. The run-off score is 9.1, indicating that the run-off potential is low. No aquatic communities are present in DP Canyon and the stream is intermittent, containing water only during storm events.**

Question D:

Is contaminated groundwater potentially available to biological receptors through seeps or springs or shallow groundwater?

Known or suspected presence of contaminants in groundwater.

The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.

Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).

Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.

Answer (likely/unlikely/uncertain): **Unlikely.**

Provide explanation: **There are no seeps or springs near SWMU 21-013(d)-99 and depth to groundwater is approximately 1000 ft below ground surface (bgs). Additionally, drilling in the DP Canyon did not reveal any perched groundwater down to the drilling depth of 800 ft.**

Question E:

Is infiltration/percolation from contaminated subsurface material a viable transport and exposure pathway?

Suspected ability of contaminants to migrate to groundwater.

The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.

Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).

Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.

Answer (likely/unlikely/uncertain): **Unlikely.**

Provide explanation: **Because of the low annual regional precipitation and the depth to groundwater (approximately 1000 ft bgs), contaminant transport to the aquifer is unlikely. Additionally, drilling in the DP Canyon did not reveal any perched groundwater down to the drilling depth of 800 ft.**

Question F:

Might erosion or mass wasting events be a potential release mechanism for contaminants from subsurface materials or perched aquifers to the surface?

This question is only applicable to release sites located on or near the mesa edge.

Consider the erodability of surficial material and the geologic processes of canyon/mesa edges.

Answer (likely/unlikely/uncertain): **Unlikely.**

Provide explanation: **Not applicable. The site has a low erosion potential and is not located near a cliff edge that could be vulnerable to mass wasting.**

Question G:

Could airborne contaminants interact with receptors through respiration of vapors?

Contaminants must be present as volatiles in the air.

Consider the importance of inhalation of vapors for burrowing animals.

Foliar uptake of organic vapors is typically not a significant exposure pathway.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: **1**

Terrestrial Animals: **1**

Provide explanation: **While exposure may be possible to burrowing animals in the shallow soils remaining at the site, VOCs were detected infrequently in soil and tuff samples at the site. Inhalation exposure to COPCs in tuff is expected to be an unlikely pathway to all potential ecological receptors (plants and wildlife) due to the weathering that must occur to the tuff prior to exposure. Inhalation exposure to burrowing animals may occur if residual contamination occurs in the same depth interval as the burrows. However, the current conditions of the site largely preclude the development of burrowing animal populations.**

Question H:

Could airborne contaminants interact with plants through deposition of particulates or with animals through inhalation of fugitive dust?

Contaminants must be present as particulates in the air or as dust for this exposure pathway to be complete.

Exposure via inhalation of fugitive dust is particularly applicable to ground-dwelling species that would be exposed to dust disturbed by their foraging or burrowing activities or by wind movement.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: **2**

Terrestrial Animals: **2**

Provide explanation: **Exposure is expected to animals that may disturb surface soils during foraging activities. Dust exposure to COPCs in tuff is expected to be a minor pathway to all potential ecological receptors (plants and wildlife) because of the weathering that must occur to the tuff prior to exposure. Dust exposure to burrowing animals may occur if residual contamination occurs in the same depth interval as the burrows. However, the current conditions of the site largely preclude the development of burrowing animal populations.**

Question I:

Could contaminants interact with plants through root uptake or rain splash from surficial soils?

Contaminants in bulk soil may partition into soil solution, making them available to roots.

Exposure of terrestrial plants to contaminants present in particulates deposited on leaf and stem surfaces by rain striking contaminated soils (i.e., rain splash).

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: **2**

Provide explanation: **Residual contaminants in soil could be taken up through plant roots. Plants are not expected to be exposed to residual contamination that may be present in the tuff. Note that exposure to COPCs in tuff is expected to be a minor pathway because of the weathering that must occur to the tuff prior to exposure.**

Question J:

Could contaminants interact with receptors through food web transport from surficial soils?

The chemicals may bioaccumulate in animals.

Animals may ingest contaminated food items.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: **2**

Provide explanation: **Three bioaccumulators were detected: lead, bis(2-ethylhexyl)phthalate and di-n-butylphthalate. However, these COPCs were detected infrequently and at very low concentrations.**

Question K:

Could contaminants interact with receptors via incidental ingestion of surficial soils?

Incidental ingestion of contaminated soil could occur while animals grub for food resident in the soil, feed on plant matter covered with contaminated soil or while grooming themselves clean of soil.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: **2**

Provide explanation: **There is surface contamination so exposure may occur.**

Question L:

Could contaminants interact with receptors through dermal contact with surficial soils?

Significant exposure via dermal contact would generally be limited to organic contaminants that are lipophilic and can cross epidermal barriers.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: **0**

Provide explanation: **While this is a potential pathway for burrowing insects and animals, significant exposure via burrowing is considered unlikely. As detailed in the answers to Questions G, H, and K, the current conditions of the site largely preclude burrowing and the development of burrowing animal populations. Additionally, the primary organic COPCs identified for SWMU 21-013(d)-99 are not lipophilic, nor can they cross epidermal barriers.**

Question M:

Could contaminants interact with plants or animals through external irradiation?

External irradiation effects are most relevant for gamma emitting radionuclides.

Burial of contamination attenuates radiological exposure.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: **1**

Terrestrial Animals: **1**

Provide explanation: **Detections of radiological COPCs identified in previous sampling activities at SWMU 21-013(d)-99 were determined to be within the range of background activities.**

Question N:

Could contaminants interact with plants through direct uptake from water and sediment or sediment rain splash?

Contaminants may be taken-up by terrestrial plants whose roots are in contact with surface waters.

Terrestrial plants may be exposed to particulates deposited on leaf and stem surfaces by rain striking contaminated sediments (i.e., rain splash) in an area that is only periodically inundated with water.

Contaminants in sediment may partition into soil solution, making them available to roots.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: **0**

Provide explanation: **There is no surface water or aquatic habitat within SWMU 21-013(d)-99.**

Question O:

Could contaminants interact with receptors through food web transport from water and sediment?

The chemicals may bioconcentrate in food items.

Animals may ingest contaminated food items.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: **0**

Provide explanation: **There is no surface water or aquatic habitat within SWMU 21-013(d)-99.**

Question P:

Could contaminants interact with receptors via ingestion of water and suspended sediments?

If sediments are present in an area that is only periodically inundated with water, terrestrial receptors may incidentally ingest sediments.

Terrestrial receptors may ingest water-borne contaminants if contaminated surface waters are used as a drinking water source.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: **0**

Provide explanation: **No surface waters are present within SWMU 21-013(d)-99.**

Question Q:

Could contaminants interact with receptors through dermal contact with water and sediment?

If sediments are present in an area that is only periodically inundated with water, terrestrial species may be dermally exposed during dry periods.

Terrestrial organisms may be dermally exposed to water-borne contaminants as a result of wading or swimming in contaminated waters.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: **0**

Provide explanation: **No surface water is present within SWMU 21-013(d)-99.**

Question R:

Could contaminants interact with plants or animals through external irradiation?

External irradiation effects are most relevant for gamma emitting radionuclides.

Burial of contamination attenuates radiological exposure.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: **1**

Terrestrial Animals: **1**

Provide explanation: **Detections of radiological COPCs identified in previous sampling activities at SWMU 21-013(d)-99 were determined to be within the range of background activities.**

Question S:

Could contaminants bioconcentrate in free-floating aquatic, attached aquatic plants, or emergent vegetation?

Aquatic plants are in direct contact with water.

Contaminants in sediment may partition into pore water, making them available to submerged roots.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Plants/Emergent Vegetation: **0**

Provide explanation: **There is no surface water or aquatic habitat within SWMU 21-013(d)-99.**

Question T:

Could contaminants bioconcentrate in sedimentary or water column organisms?

Aquatic receptors may actively or incidentally ingest sediment while foraging.

Aquatic receptors may be directly exposed to contaminated sediments or may be exposed to contaminants through osmotic exchange, respiration, or ventilation of sediment pore waters.

Aquatic receptors may be exposed through osmotic exchange, respiration, or ventilation of surface waters.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Animals: **0**

Provide explanation: **There is no surface water or aquatic habitat within SWMU 21-013(d)-99.**

Question U:

Could contaminants bioaccumulate in sedimentary or water column organisms?

Lipophilic organic contaminants and some metals may concentrate in an organism's tissues

Ingestion of contaminated food items may result in contaminant bioaccumulation through the food web.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Animals: **0**

Provide explanation: **There is no surface water or aquatic habitat within SWMU 21-013(d)-99.**

Question V:

Could contaminants interact with aquatic plants or animals through external irradiation?

External irradiation effects are most relevant for gamma emitting radionuclides.

The water column acts to absorb radiation, thus external irradiation is typically more important for sediment dwelling organisms.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Plants: **0**

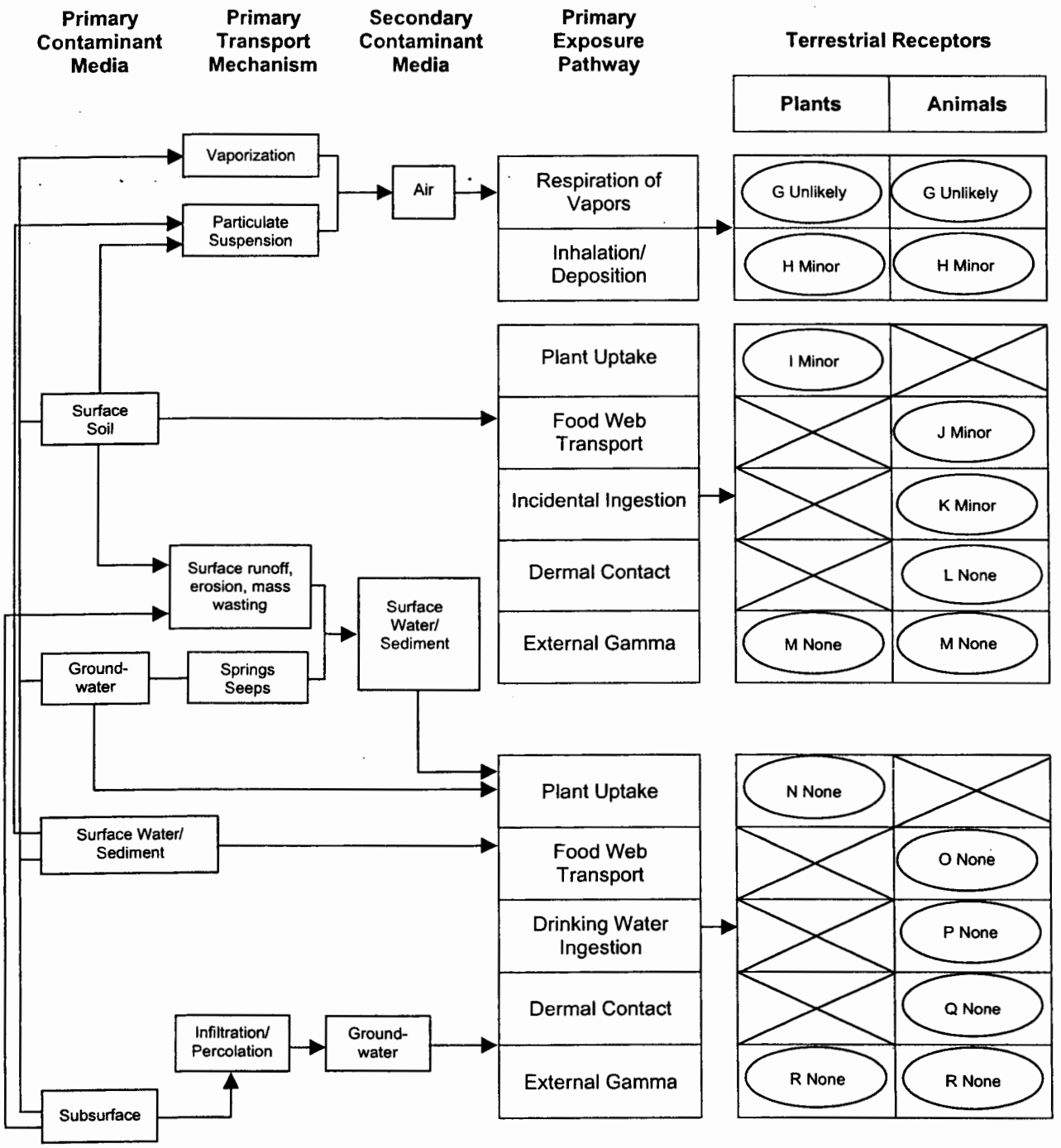
Aquatic Animals: **0**

Provide explanation: **There is no surface water or aquatic habitat within SWMU 21-013(d)-99.**

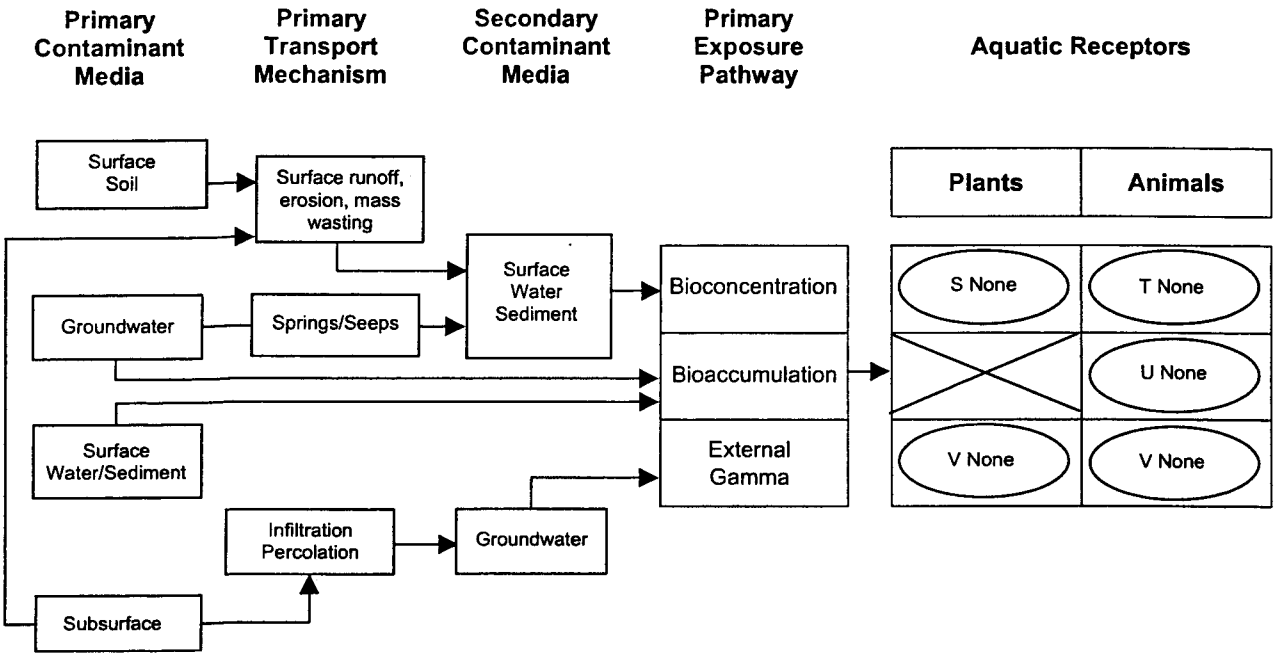
REFERENCES

LANL (Los Alamos National Laboratory), September 1995. "Voluntary Corrective Action Completion Reports for Potential Release Sits, Group 2: SWMUs 21-013(c,d,e), 31-001," Los Alamos National Laboratory document LA-UR-96-259, Los Alamos, New Mexico. (LANL 1995, 54320.1)

Ecological Scoping Checklist: SWMU 21-013(d)-99
Terrestrial Receptors
Ecological Pathways Conceptual Exposure Model: Post-Excavation Site Conditions



Ecological Scoping Checklist: SWMU 21-013(d)-99
Aquatic Receptors
Ecological Pathways Conceptual Exposure Model: Post-Excavation Site Conditions



Signatures and certifications:

Checklist completed by (provide name, organization and phone number):

Name (printed): Sharon R. Wirth, Ecologist

Name (signature): _____

Organization: Shaw Environmental, Inc.

Phone number: 505-262-8936

Date Completed: 10/22/02

Verification by a member of RRES-R Program Ecological Risk Task Team (provide name, organization and phone number):

Name (printed): Richard Mirenda

Name (signature): _____

Organization: LANL RRES-R

Phone number: 505-665-6953

Appendix E

Estimated Costs

APPENDIX E ESTIMATED COSTS

ESTIMATED COST

The estimated cost of the VCA activities defined in this VCA Plan Addendum for SWMU 21-013(d)-99 is $786,508.00. These activities include

- Preparation of the VCA Plan Addendum
- Removal action, if necessary
- Sample collection
- Sample analysis
- Waste management
- Site restoration
- Preparation of the VCA Completion Report

Appendix I

Photographs

APPENDIX I PHOTOGRAPHS

Photo 1. View to north of access gate to SWMU 21-013(d)-99

Photo 2. View to east along dirt road across southern portion of SWMU 21-013(d)-99

Photo 3. View to northwest in vicinity of sample location 21-09009

Photo 4. View to northwest from approximately 10 m north of sample location 21-01922

Photo 5. View to southeast in vicinity of sample location 21-03-21726

Photo 6. View to northwest in vicinity of sample location 21-03-21730

Appendix J

Correspondence with Regulatory Agencies

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous & Radioactive Materials Bureau
2044 Galisteo
P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-1557
Fax (505) 827-1544

GARY E. JOHNSON
GOVERNOR

MARK E. WEIDLER
SECRETARY

EDGAR T. THORNTON, III
DEPUTY SECRETARY

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

June 15, 1998

Mr. Theodore Taylor, Program Manager
Los Alamos Area Office
Department of Energy
528 35th Street, MS A316
Los Alamos, New Mexico 87544

Dr. John C. Browne, Director
Los Alamos National Laboratory
P. O. Box 1663, Mail Stop A100
Los Alamos, New Mexico 87545

RE: Request for Supplemental Information on
VCA Report for PRSs 21-013(c), 21-013(d), 21-013(e) and 31-001
Los Alamos National Laboratory
NM 0890010515

Dear Mr. Taylor and Dr. Browne:

The RCRA Permits Management Program (RPMP) of the Hazardous and Radioactive Materials Bureau (HRMB) has reviewed the VCA Report for Potential Release Sites (PRSs) 21-013(c), 21-013(d), 21-013(e) and 31-001 dated February 26, 1996, referenced by LA-UR-96-259, and found it to be insufficient. Los Alamos National Laboratory (LANL) must respond to the request for supplemental information noted in Attachment A within thirty (30) calendar days of the receipt of this letter.

06-18-98 A11:50 IN

Should you have any questions regarding this matter, please contact me or Mr. John Kieling, RPMP's LANL Facility Manager, at (505) 827-1558.

Sincerely,

Robert S. (Stu) Dinwiddie, Ph.D., Manager
RCRA Permits Management Program
Hazardous & Radioactive Materials Bureau

RSD:ND

cc w/attachments:

J. Canepa, LANL EM/ER, MS M992
J. Davis, NMED SWQB
B. Garcia NMED HRMB
M. Johansen, DOE LAAO, MS A316
J. Kieling, NMED HRMB
S. Kruse, NMED HRMB
M. Leavitt, NMED GWQB
H. LeDoux, DOE LAAO, MS A316
D. McInroy, LANL EM/ER, MS M992
D. Neleigh, EPA, 6PD-N
J. Parker, NMED DOE OB
S. Yanicak, NMED DOE OB, MS J993
File: Reading and HSWA LANL 1/1106/21, 1/1079/31/31-001
Track: LANL, June 15, 1998, NA, DOE/LANL, RPMP/Dinwiddie, RE, File

ATTACHMENT A
Request for Supplemental Information
VCA Report for Potential Release Sites
21-013(c), 21-013(d), 21-013(e) and 31-001

General Comments:

LANL shall submit all the RFI, VCA and confirmatory sample data with associated quality assurance/quality control data for each PRS. Provide the site map with the location of debris/soil piles at the site. The sample locations, depths, backgrounds, SALs and detection limits should also be included in the data.

Site specific comments:

PRS 21-013(c), Surface Disposal Area

1. **Description, p.1**
LANL should investigate the purpose of the excavated trench found on the site. Was it used for the disposal of liquid or solid wastes? Samples should have been taken from the bottom of the trench during the RFI and VCA sampling.

2. **RFI History, p. 1**
The text states that sampling intervals were to be 0-to-6 in, 0-to-2.5 ft, 2.5-to-5.0 ft and 5.0-to-7.5 ft, clarify whether the samples (except the ones at 0-to-6 in depth) were composited. To determine the nature and extent of contamination LANL shall use discrete samples taken at various depths.

3. **RFI History, p. 2**
The statement in paragraph 2, "The radiation survey was performed using alpha, beta/gamma, and low energy gamma radiation detection instruments. Detection levels were consistent with the local TA-21 background radiation levels.", contradicts the statement in paragraph 5, "All ten of the 0-to-6 in samples were shipped to an off-site analytical laboratory for a full suite of analyses because of a concern that elevated alpha radiation screening results from the radiation survey indicated possible airborne radioactive contamination from the nearby former filter building TA-21-153 that served facilities at DP east." Please explain the discrepancy.

4. **RFI History, p. 2**
"The assessment of the field and mobile radiation screening results of the deeper samples indicated that there was no significant change in radiation levels from the 0-to-2.5 ft, 2.5-to-5.0 ft, and 5.0-to-7.5 ft intervals", this would be applicable to radiochemicals but not be applicable to the non-radioactive chemicals, which might not be co-distributed with the radio-chemicals. Was any investigation done to assess the distribution of non-radioactive chemicals at different depths?

PRS 21-013(d), Surface Disposal Area

1. **Description p.11**
Provide explanation for the term "cold dump" and what was the nature of material scraped and removed from it prior to the VCA. LANL shall determine the nature of the constituents of the "cold dump" material (e.g. whether RCRA regulated constituents, radiochemicals, etc.) and analyze for those contaminants in the confirmatory samples.

2. **RFI History, p. 11**
If the samples taken at 0-to-2.5 ft, 2.5-to-5.0 ft and 5.0-to-7.5 ft were composited, then LANL shall resample these locations and take discrete samples at different depths to characterize the nature and extent of contamination.

3. **RFI History, p. 12**
LANL states that due to the location of PRS 21-013(d) and PRS 21-013(e), the sampling plan was combined and redrawn for the two PRSs and a new grid with 26 sections was laid out. Out of the 26 grid sections only 18 were sampled. Provide the selection criteria used for these 18 sample locations.

4. **RFI History, p. 12**
LANL states that "The additional eight grid sections would only be sampled if radiation survey results indicated the presence of contamination." According to the workplan the site was used for disposal of non-radioactive chemicals and/or materials; therefore, the radiation survey would not identify the presence of these chemicals. Additionally any localized spills or discarded chemicals would not be detected.

5. **RFI History, p. 13**
Provide explanation for deviating from the workplan and not doing the field survey for organic vapors when historical information indicated that non-

radioactive chemicals were disposed off at the site. The approval to drop the survey was not obtained from the Administrative Authority. Additionally LANL states that " Elevated organic vapor readings noted during sample collection were attributed to organic matter that was encountered during the drilling." Provide rationale for this statement when field survey for organic vapors was not done. Describe what type of organic matter was found and at what concentrations.

6. **RFI History, p. 13**
LANL states that "RFI data was collected prior to remediation, and did not include the areas beneath the waste piles (the focus of the VCA effort)." The areas underneath the waste piles should be investigated. Also provide a figure showing the location of waste piles at the site.

7. **Corrective Action, p. 13**
Specify what agency approved the VCA plan for PRS 21-013(e), on basis of which VCA plan for PRS 21-013(d) was prepared.

8. **Corrective Action, p. 13**
Provide all field screening results to support the statement "Field Screening did not indicate the presence of radioactivity or volatile organic vapors above background levels." Include the detection limits of instruments and backgrounds used for each chemical.

9. **Table 2, p. 18**
Provide rationale for collecting confirmatory samples for this particular PRS at the depth of 0-to-3 in when 0-to-6 in has been used in the past. This was not specified in the work plan. Are the samples 0-to-3 in from where the soil was removed?

10. **Table 2, p. 18, 19**
Two analytes Benzo(a)pyrene and Dibenzo(a,h)anthracene are above their respective PRGs in sample # VCXX-95-0049, but the text (p. 14) states that "Evaluation of the confirmatory analytical data confirmed that there was no detectable residual contamination above PRGs present at the site." Please explain.

PRS 21-013(e), Surface Disposal Area

1. **RFI History, p. 22**
If the samples taken at 0-to-2.5 ft, 2.5-to-5.0 ft and 5.0-to-7.5 ft were composited, then LANL shall resample these locations and take discrete

samples at different depths to characterize the nature and extent of contamination.

2. **RFI History, p. 23**
The report states that debris piles were scattered in the site. Were these piles sampled and included in the 18 grid sections investigated? The debris piles have the potential of containing contaminated waste and should be investigated. The area beneath the waste piles should also be investigated. Provide a site map with locations and outlines of debris piles.

3. **RFI History, p. 24**
Thorium-228 exceeded its SAL, but according to the report the sample value is considered to fall within background levels. LANL shall use Alpha spectroscopy to detect the presence of thorium-228 instead of gamma spectroscopy which would reduce the large uncertainty associated with results.

PRS 31-001, Septic System Outfall

1. LANL shall delineate the contamination under the former septic system and in the outfall area to the point where the canyons investigation begins.

2. **VCA Report, Corrective Action, p. 33**
Please submit all previously-obtained site characterization data including RFI and VCA field screening results for RCRA regulated chemicals.

3. **Response to Comments regarding Response to Additional Information Request, PRS 31-001, Nov. 14,1997;EM/ER:97-481, p. 1&2**

The RFI report (p. 1) states "It is not documented which chemicals were received and stored at TA-31... but an undocumented spill may have released chemicals into the septic system". In the response letter LANL states that "These PAHs were not retained as COPC because there was no evidence that they were produced by Laboratory operations at the site." Clarify the discrepancy in these statements.
The nature and extent of contamination for polycyclic aromatic hydrocarbons (PAHs) has not been defined. LANL states that "PAHs were most likely removed during excavation." This statement is not supported by any data since confirmatory samples were not analyzed for PAHs. Additionally, PAHs were found above their SAL values in sample # AAA4679. LANL's argument that since this sample was located 6.8 ft below ground surface there would be no exposure pathways to the recreational user is not valid since no other samples

were taken (e.g. at surface and different depths) to determine the lateral and vertical extent of contamination. LANL shall do additional sampling to define the extent of contamination under the former septic system line and shall perform confirmatory sampling for PAHs detected during the RFI.

4. **RFI Report, Background Comparison, p. 15**
Please provide a copy of the study on which urban background for PAH were based for this site.

5. **RFI Report, Screening Action Levels Comparison, p. 29 and Figure 4, p.14**
Lead should not have been eliminated based on an average value but retained as a COPC based on the maximum value reported (e.g. 460 mg/kg) as shown in Fig. 4. Since lead was found to be below background values in the confirmatory samples, this issue does not need any further consideration. However, lead and mercury detected in samples underneath the former septic tank and line should be considered in risk evaluation.

6. **RFI Report, Screening Action Levels Comparison, p. 29**
LANL shall investigate the vertical and lateral extent of tetrachloroethylene (PCE) contamination found under the former septic system line and delineate the contamination. The presence of degradation products of PCE should also be investigated.

7. Human health and ecological risk evaluation for all contaminants shall be performed based on HRMB approved Risk Based Decision Tree.

File:c:neelam\prs21-013(c,d,e)&31-001

#58709

Response to Request for Supplemental Information on Voluntary Corrective Action Report for Potential Release Sites 21-013(c), 21-013(d), 21-013(e), and 31-001

INTRODUCTION

To facilitate review of this response, the New Mexico Environment Department's (NMED's) comments are included verbatim. The comments are divided into general and specific categories, as presented in the letter. Los Alamos National Laboratory's (LANL's) responses follow each NMED comment.

GENERAL COMMENTS

NMED Comment

1. *LANL shall submit all the RFI, VCA and confirmatory sample data with associated quality assurance/quality control data for each PRS. Provide the site map with the location of debris/soil piles at the site. The sample locations, depths, backgrounds, SALs and detection limits should also be included in the data.*

LANL Response

1. All Resource Conservation and Recovery Act (RCRA) facility investigation (RFI), voluntary corrective action (VCA), and confirmatory sample data (with associated quality assurance/quality control data) for each potential release site (PRS) are attached. Sample locations, depths, backgrounds, screening action levels (SALs), and detection limits are included. Site maps with the location of debris/soil piles are included below in the discussions for the appropriate PRSs.

SPECIFIC COMMENTS

PRS 21-013(c), Surface Disposal Area

NMED Comment

1. *Description, p.1. LANL should investigate the purpose of the excavated trench found on the site. Was it used for the disposal of liquid or solid wastes? Samples should have been taken from the bottom of the trench during the RFI and VCA sampling.*

LANL Response

1. The site feature referred to as an excavated trench in the VCA report has been researched further. Historical aerial photographs and site visits with a retired LANL employee who was involved in the early work at Technical Area (TA) 21 make it clear that the feature is a borrow trench at the edge of an area of regraded soil fill. This issue is addressed in the memorandum presented as Attachment 1. A cross section clarifying the feature is given in Figure 1. The west wall of the trench is 6 to 8 ft of fill. The bottom of the trench is exposed tuff bedrock with some thin soils (less than an inch) and sparse vegetation. At the east edge of the trench the terrain rises about 3 ft and is the original ground surface. The trench is about 100 ft long.

survey indicated possible airborne radioactive contamination from the nearby former filter building TA-21-153 that served facilities at DP east." Please explain the discrepancy.

LANL Response

3. The two quotes from Page 2 of the VCA Report do appear to be in conflict. The second sentence of the first quotation could have been more accurately written as follows: Detected radiation levels were consistent with the local TA-21 baseline radiation levels. Surface soils in the central area of TA-21 are known to exhibit radioactivity above LANL site-wide background levels, as documented in the RFI work plan (LANL 1991, 7529, p. 13-18, Paragraph 2) and in reports on the mesa-wide surface soil sampling (LANL 1994, 26073.1, Chapter 2; LANL 1995, 52350.1, Chapter 1 and Table 1.3-1; Ryti 1997, 58239). This has resulted in the development of radioactivity baseline levels for some radionuclides (Ryti 1997, 58239) (to be used in particular areas of TA-21) to distinguish the presence of PRS-specific contamination from the general TA-21 mesa-wide contamination (i.e., local *background*). PRS 21-013(c) falls within two of the areas [Process Area and the Tritium Systems Test Assembly (TSTA) Special Impact Area] for which special baseline surface soil radionuclide comparison values apply (LANL 1994, 26073.1, Map 2). The intent of the first quotation in the comment above is to say that the radiation survey did not identify any areas of PRS 21-013(c) that were elevated above the radiation levels expected to be found in this part of TA-21.

   The submission of additional surface samples for full-suite analysis because of "elevated alpha screening results" is related to the *greater than general LANL background* levels normally expected in parts of TA-21 (in this case, the Process Area and the TSTA Special Impact Area). It was intended to provide more detailed information for comparison to those generally elevated levels. Additional samples were submitted because alpha screening results from the mobile laboratory were not reliable (LANL 1996, 54320.1, p. 2). Although the need for the full suite of analyses is probably more expansive than actually required, this decision provided more sample analysis results than were proposed in the RFI work plan, which called for only 25% of the samples to be sent for off-site analyses (LANL 1996, 54320.1, p. 1).

   The primary source of airborne radioactivity releases, which created the generally elevated surface soil radioactivity conditions near the eastern end of TA-21, was the filter building, TA-21-153, which was decommissioned and removed in 1978. The area this building occupied is a separate PRS [21-020(b)]. The results of the investigation of this PRS were previously reported (LANL 1994, 26073.1, Chapter 4). Airborne releases from operations in TA-21-153 are inseparable from releases from other filter houses and stacks included in PRS 21-019(a–m) and are combined with the mesa-wide surface soil contamination from airborne emissions designated as PRS 21-021.

   As long as the radionuclide concentrations at PRS 21-013(c) are less than the baseline values for the TA-21 Process Area, contamination should not be attributed specifically to PRS 21-013(c). Table 1 gives a summary of the radionuclide data for PRS 21-013(c) and the relevant comparison values. From the table, it is apparent that concentrations of some radionuclides exceed LANL site-wide background levels. However, they are less than the TA-21 Process Area baseline values (Ryti 1997, 58239). Thus, the radionuclide contamination of the surface soils is judged to be associated with general TA-21 contamination levels and not specifically with PRS 21-013(c). (The surface soil radioactivity levels above background will be included in the assessment of the TA-21 mesa-wide PRS 21-021 to determine the appropriate action for the surface soils of the mesa as a whole.)

LANL Response

4. In addition to radioactivity field screening, samples from all depths from PRS 21-013(c) were field screened for volatile organic compounds, with no indication of their presence. No field screening was done for other nonradioactive chemicals.

   The sampling plan called for selection of samples for laboratory analysis to be biased based on field screening (LANL 1991 Chapter 14 pg. 14-72), but no indications for biasing were found. A total of 20 samples was submitted for analysis for nonradioactive chemicals, i.e., metals and volatile and semivolatile organic compounds. For the 0 to 6-in. and the 0 to 2.5-ft interval all 10 samples collected in each interval were analyzed. For the 2.5 to 5-ft and the 5 to 7.5-ft intervals, no samples were submitted for analysis. The rationale for selecting only the upper intervals was to bias the analyses to the surface materials, where evidence of releases would most likely be detected. Only the upper intervals contained soil materials. In all sample locations, the deeper intervals (2.5 to 5 ft and 5 to 7.5 ft) were composed of tuff bedrock.

   In the evaluation of the mesa-wide surface sample results for TA-21 (which delineated the localized areas of elevated radioactivity discussed in Response 3), nonradioactive chemicals were also assessed, and none were identified as being systematically elevated in any area of the mesa (LANL 1994, 26073.1, Chapter 2; LANL 1995, 52350.1, Chapter 1 and Table 1.3-1; Ryti 1997, 58239). Thus, the appropriate basis for comparison of nonradioactive chemicals is the LANL site-wide background data set. The evaluation of the results was presented in the VCA report (LANL 1996,54320.1, p. 3 and Appendix A) and found to be consistent with site-wide background levels.

   To clarify the nature of the area of this PRS and the nature of the scattered debris addressed in the VCA, some before and after photographs are provided in Attachment 3. Figure 2, which shows the area, the parts of the area investigated, and the parts excavated, is reproduced here from the VCA report. The photographs give a sense of the nature of the scattered debris. It is re-emphasized that this was considered to be a housekeeping VCA, which was driven by construction debris and not by the presence of contaminants. Annexes 1 and 2 in this report contain the field and analytical data related to the RFI and VCA activities at PRS 21-013(c).

PRS 21-013(d), Surface Disposal Area

NMED Comment

1. *Description p.11. Provide explanation for the term "cold dump" and what was the nature of material scraped and removed from it prior to the VCA. LANL shall determine the nature of the constituents of the "cold dump" material (e.g. whether RCRA regulated constituents, radiochemicals, etc.), and analyze for those contaminants in the confirmatory samples.*

LANL Response

1. Additional research has been done concerning the designation *cold dump*. A memorandum has been prepared by a retired LANL employee involved with the cold dump describing the use of the site (Attachment 4). The material removed from the area before the VCA occurred was construction debris, as described in the memorandum. Based on this new documentation, it is concluded that no hazardous chemicals or radioactive materials were disposed of or should be expected at PRS 21-013(d), the cold dump. This information conflicts with the description presented in the work plan

NMED Comment

3. *RFI History, p.12. LANL states that due to the location of PRS 21-013(d) and PRS 21-013(e), the sampling plan was combined and redrawn for the two PRSs and a new grid with 26 sections was laid out. Out of the 26 grid sections only 18 were sampled. Provide the selection criteria used for these 18 sample locations.*

LANL Response

3. The 26 grid sections covered the area where scattered debris was found. Only five discrete piles of debris existed; most of the area contained only scattered items of debris such as pieces of concrete or asphalt pavement, lumber, cans, paper, and plastic trash. Nothing indicating the disposal of chemical wastes was present. The general signature for contaminated materials at TA-21 is the presence of radioactivity, and the RFI work plan was prepared on the premise that radioactivity would be used as a flag for the presence of contamination. By the time the RFI investigations were completed and the VCA activities were planned, the time on site had made it clear that these areas were compoed only of uncontaminated construction debris.

   Radiation surveys and site walkovers identified no indications of radioactive materials or the disposal of chemical wastes. No stained soils, abandoned drums, or other suspicious containers were found. In the location of the cold dump, the area had clearly been scraped, and no evidence of any disposal trenches was present. The work plan called for 18 sections to be sampled, and there was no indication of the need for any additional sampling; therefore, completing the characterization work on 18 of the 26 grid sections was considered to be sufficient. The 18 sections sampled were those in which the major debris piles were found. In the absence of any indications for biasing the sampling, placement of the locations according to a grid, as approved in the work plan, was maintained.

NMED Comment

4. *RFI History, p.12. LANL states that "The additional eight grid sections would only be sampled if radiation survey results indicated the presence of contamination." According to the work plan the site was used for disposal of non-radioactive chemicals and/or materials; therefore, the radiation survey would not identify the presence of these chemicals. Additionally, any localized spills or discarded chemicals would not be detected.*

LANL Response

4. The additional information on the nature of the cold dump described above and in Attachment 4 should alleviate concern that the site was used for disposal of nonradioactive chemicals. The walkover surveys included observation of the presence of debris or stained earth as additional indicators of areas to be addressed. Nothing indicating disposal of chemical waste was present, i.e., no stained soil, abandoned drums, or other suspicious containers were found.

NMED Comment

5. *RFI History, p.13. Provide explanation for deviating from the work plan and not doing the field survey for organic vapors when historical information indicated that non-radioactive chemicals were disposed off (sic) at the site. The approval to drop the survey was not obtained from the Administrative Authority. Additionally, LANL states that " Elevated organic vapor readings noted during sample*

appeared in the VCA report, with the exception that the dots indicating the locations for the confirmation sampling were corrected to show them falling inside the footprint of the removed debris piles. It is unclear why they had originally been shown outside the debris pile excavation areas, but it has been confirmed that they were within those areas. The number of asphalt-containing debris pile excavation areas shown on the figure is correct; only two were present and removed. The remaining materials collected for disposal were scattered individual pieces of debris.

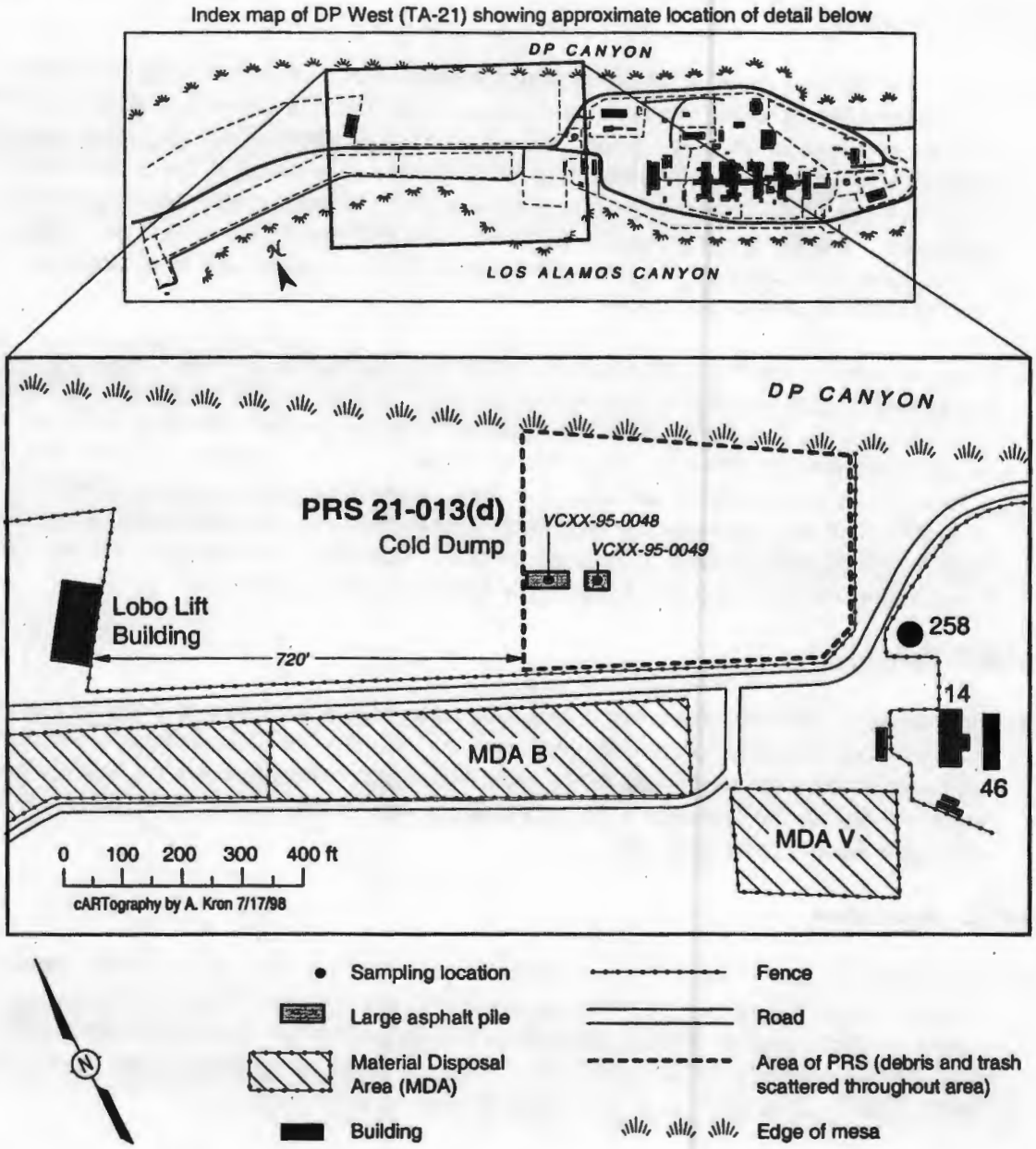


Figure 3. Excavation and confirmatory sampling locations of PRS 21-013(d), cold dump.

In addition to the confirmation samples collected from the soil where the debris piles had been removed, samples for waste characterization analysis were also taken of the debris materials. These

NMED Comment

10. Table 2, p.18, 19. Two analytes Benzo(a)pyrene and Dibenzo(a,h)anthracene are above their respective PRGs in sample # VCXX-95-0049, but the text (p.14) states that "Evaluation of the confirmatory analytical data confirmed that there was no detectable residual contamination above PRGs present at the site." Please explain.

LANL Response

10. The detection limit achieved for sample VCXX-95-0049 for benzo(a)pyrene and dibenzo(a,h)anthracene (3.5 mg/kg) was above the preliminary remediation goal (PRG) for these analytes (0.784 mg/kg for both analytes). However, neither compound was detected in this sample; thus no detected contamination was found above the PRGs. Additionally, benzo(a)pyrene and dibenzo(a,h)anthracene are chemicals of the class of polychlorinated aromatic hydrocarbons (PAHs). PAHs are found in conjunction with other PAHs, as they are all produced by the same process, incomplete combustion of fuel. Other PAHs, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, and fluorene, that were analyzed for were not detected in sample VCXX-95-0049. Finally, no PAHs were detected in the other surface sample less than 100 feet away (sample VCAXX-95-0048).

PRS 21-013(e), Surface Disposal Area

NMED Comment

1. RFI History, p.22. If the samples taken at 0-to-2.5 ft, 2.5-to-5.0 ft and 5.0-to-7.5 ft were composited, then LANL shall resample these locations and take discrete samples at different depths to characterize the nature and extent of contamination.

LANL Response

1. The samples taken at the 0- to 2.5-ft, 2.5- to 5.0-ft, and 5.0- to 7.5-ft depths were not composited. The sampling practice is to use material starting from the deeper end of the core and work up the core until enough material is taken to fill the required sample containers. For the 2.5-ft intervals used in this investigation, it was typical for nearly all of the cored material to be used in filling a set of containers for a full suite analysis plus field and mobile laboratory screening. Although most of the core interval was consumed in sampling, this represents the smallest discrete sample that could be taken.

NMED Comment

2. RFI History, p.23. The report states that debris piles were scattered in the site. Were these piles sampled and included in the 18 grid sections investigated? The debris piles have the potential of containing contaminated waste and should be investigated. The area beneath the waste piles should also be investigated. Provide a site map with locations and outlines of debris piles.

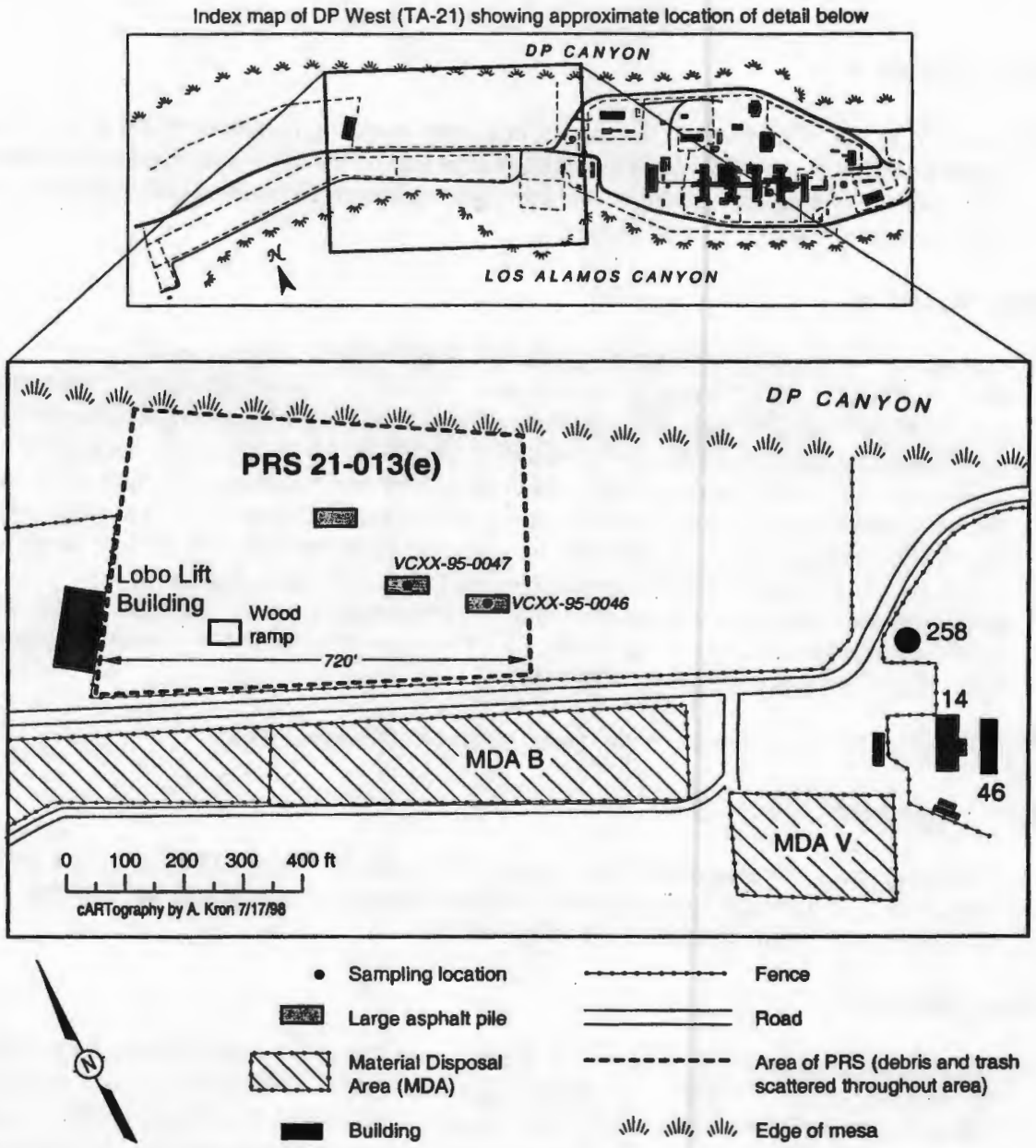


Figure 4. Excavation and confirmatory sampling locations of PRS 21-013(e).

PRS 31-001, Septic System Outfall

NMED Comment

1. *LANL shall delineate the contamination under the former septic system and in the outfall area to the point where the canyon's investigation begins.*

different sites that the chemicals including the PAH class of chemicals were being detected at many locations across LANL. Research into the origin of PAHs indicated that common sources are incomplete combustion of wood, fuel, and crude oil. PAHs are produced by forest fires, wood-burning stoves, and motor vehicles, as well as runoff from asphalt parking lots. PAHs are not chemicals that would be warehoused, such as at the TA-31 supply warehouse. Because Los Alamos has been subjected to the smoke from fires in the surrounding forest, wood-burning stoves, and motor vehicle exhaust, and there was an asphalt parking lot at TA 31-001, the PAHs detected were attributed to these sources and not the PRS 31-001 septic system.

In response to the statement, "The nature and extent of contamination of polycyclic aromatic hydrocarbons (PAHs) has not been defined," LANL concurs, as PAHs are ubiquitous in an urban setting.

In response to the statement, "LANL states that 'PAHs were most likely removed during excavation.' This statement is not supported by any data since confirmatory samples were not analyzed for PAHs." This statement reflected the fact that all the soil was removed from the outfall and only rock remained.

LANL will do additional sampling (in conjunction with sampling proposed in the Comment 1 response) to define the extent of contamination under the former septic system line and will perform confirmatory sampling for PAHs detected during the RFI.

NMED Comment

4. *RFI Report, Background Comparison, p.15. Please provide a copy of the study on which urban background for PAH were based for this site.*

LANL Response

4. The report, "Background Levels of Polycyclic Aromatic Hydrocarbons (PAH) in Urban Soils" by L.N.J. Bradley is provided in Attachment 6.

NMED Comment

5. *RFI Report, Screening Action Levels Comparison, p.29 and Figure 4, p.14. Lead should not have been eliminated based on an average value but retained as a COPC based on the maximum value reported (e.g. 460 mg/kg) as shown in Fig. 4. Since lead was found to be below background values in the confirmatory samples, this issue does not need any further consideration. However, lead and mercury detected in samples underneath the former septic tank and line should be considered in risk evaluation.*

LANL Response

5. Lead and mercury values detected in samples underneath the former septic tank and line will be considered in any future risk evaluation of these areas. This risk evaluation will be conducted based on the HRMB-approved risk-based decision tree.

References

Kocher, D., 1981. *Radioactive Decay Data Tables*, Technical Information Center, US Department of Energy,Springfield, Virginia. (Kocher 1981, ER ID 58238)

LANL (Los Alamos National Laboratory), May 1991. "TA-21 Operable Unit RFI Work Plan for Environmental Restoration," Volume II, Los Alamos National Laboratory report LA-UR-91-962, Los Alamos, New Mexico. (LANL 1991, ER ID 07529)

LANL (Los Alamos National Laboratory), May 1992. "RFI Work Plan for Operable Unit 1079," Los Alamos National Laboratory Report LA-UR-92-850, Los Alamos, New Mexico. (LANL 1992, ER ID 7668.1).

LANL (Los Alamos National Laboratory), January 28, 1994. "Phase Report 1B, TA-21 Operable Unit RCRA Facility Investigation, Operable-Unit-Wide Surface Soil, Deposition Layer and Filter Building Investigation " Los Alamos National Laboratory report LA-UR-93-4390, Los Alamos, New Mexico. (LANL 1994, ER ID 26073.1)

LANL (Los Alamos National Laboratory), January 1995. "Phase Report Addendum 1B and 1C Operable Unit 1106 RCRA Facility Investigation," Los Alamos National Laboratory report LA-UR-94-4360, Los Alamos, New Mexico. (LANL 1995, ER ID 52350.1)

LANL (Los Alamos National Laboratory), May 5, 1995. "RFI Report for PRS 31-001," Los Alamos National Laboratory report LA-UR-95-1542, Los Alamos, New Mexico. (LANL 1995, ER ID 58085.1)

LANL (Los Alamos National Laboratory), February 26, 1996. "Voluntary Corrective Action Completion Report for Potential Release Sites 21-013(c), 21-013(d), 21-013(e), 31-001," Los Alamos National Laboratory report LA-UR-96-259, Los Alamos, New Mexico. (LANL 1996, ER ID 54320.1)

Ryti, R., August 19, 1997. "Technical Position Paper on Use of TA-21 Process Area Baseline Data for RFI Reports," Los Alamos National Laboratory report LA-UR-97-3393, Los Alamos, New Mexico. Ryti 1997, ER ID 58239)

ATTACHMENT 1

PRS 21-013(c)
Excavated Trench Explanation

ATTACHMENT 2

PRS 21-013(c)
Aerial Photographs of Excavated Trench

Los Alamos
NATIONAL LABORATORY
memorandum
Chemical Science and Technology
Responsible Chemistry for America
Environmental Restoration Project/CST-7
Los Alamos, New Mexico 87545

To/MS: John Smith, MK/PMC, MS M327
From/MS: William C. Francis, CST-18, MS E525 W.C.F.
Phone/FAX: 672-1361/665-4632
Symbol: EM/ER-RAFA: 98-116
Date: July 9, 1998

SUBJECT: SURFACE DISPOSAL AREA – SOLID WASTE MANAGEMENT UNIT 21-013(c)

Solid Waste Management Unit (SWMU) 21-013(c) is located east of Building TA-21-209, the easternmost building at TA-21. It is an area that has been created by dumping and spreading excavated soil on top of the existing tuff.

TA-21 was constructed in 1945 by the Robert E. McKee Construction Company. It was a large project and there was much excavation for building foundations, basements, etc. It is common practice to stockpile this excavated material for future use as backfill material around buildings, roads, landscaping, etc. When the job is completed, the contractor disposes of the remains of this stockpile by hauling it off to a dumpsite, if the job is in an urban area, or spreading and leveling it, if the job is in an open area.

I am very familiar with construction work and am almost certain that the surface disposal area described as SWMU 21-013(c) was originally formed by leveling and spreading a construction excavation stockpile.

There are several aerial photographs that show the subject area as it existed from 1946 to 1993. I will discuss these photographs as follows:

1. Photograph (1 Nov 46-SANDIA LAB-0-1-1, P1990-40-1-3065). This photograph shows the area in question as a level area crisscrossed with vehicle tracks and what appears to be several small piles of earth.

2. Photograph (4 Dec 46-SANDIA LAB-0-2-4, P1990-40-1-3064). This photograph shows the same area one month later. It appears to have been bladed and smoothed out.

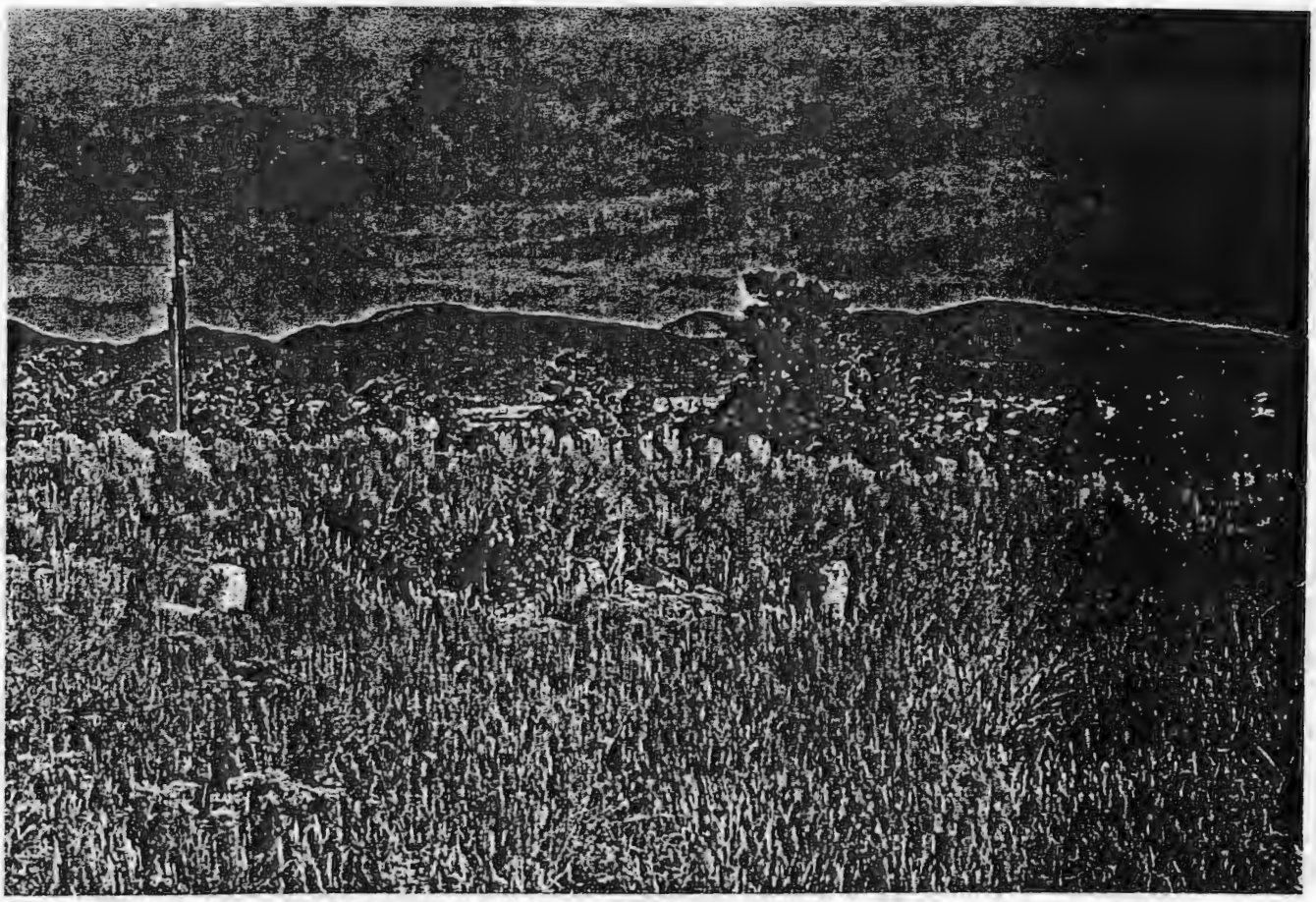
3. Photograph (Oct. 13, 1949-No. 12244, Los Alamos National Laboratory). This photograph shows that the mesa had been cleared to the east for maybe another 100 ft to 120 ft and that a trench had been excavated close to the 1946 eastern boundary. The trench is empty.

4. Photograph (Sept. 12, 1950-No. 15925, Los Alamos National Laboratory). This photograph shows that same area as being undisturbed from the Oct. 13, 1949 photograph. The trench is clearly defined and empty.

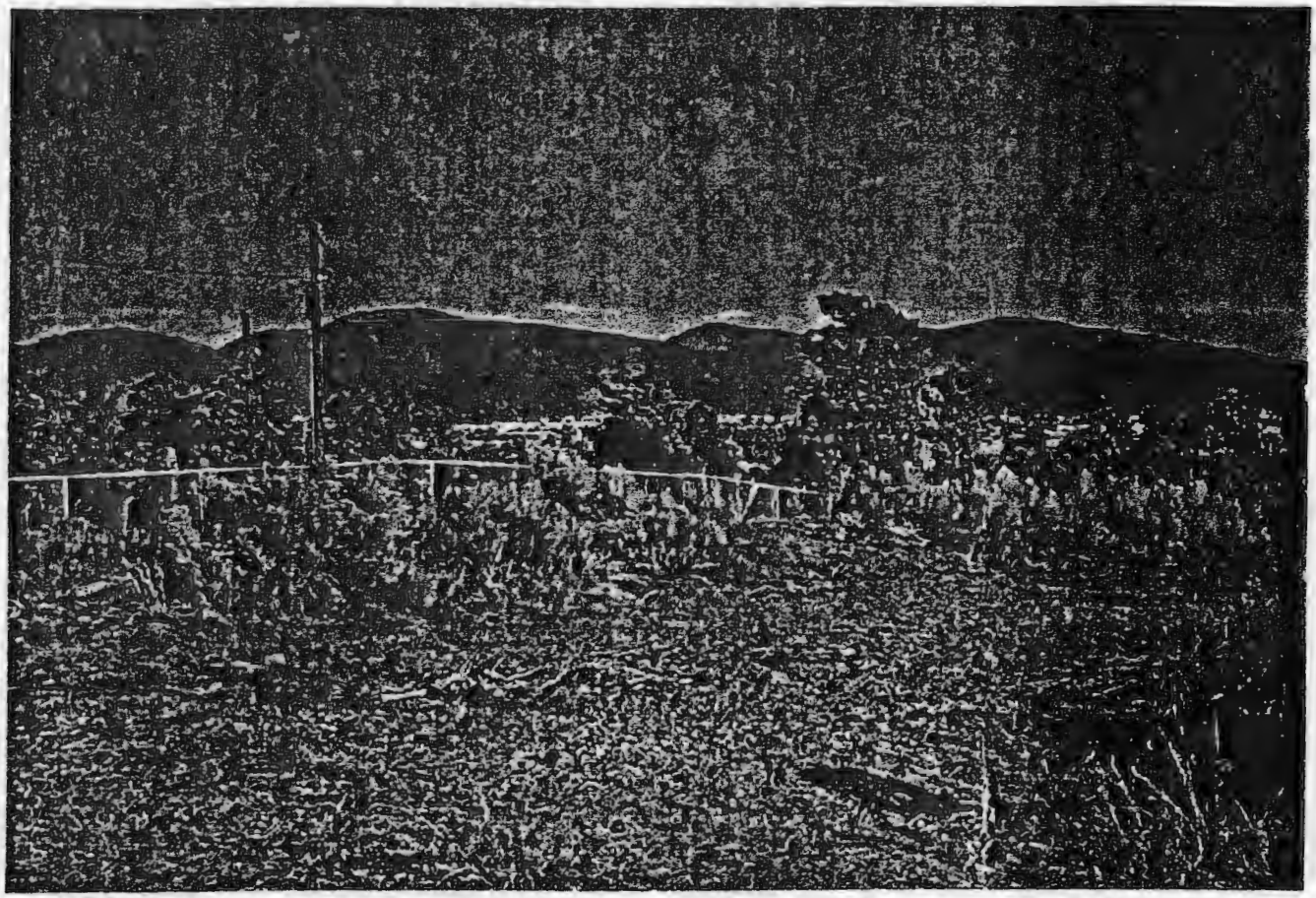
5. Photograph (June 28, 1965-Los Alamos, Co., 8-13, Koogle & Pouls Engineering). This photograph shows that a parking lot for the new Building TA-21-209 has been built in the southwest corner of the subject area. With this exception there is no change to the area and the trench is clearly visible and empty.

6. Photograph (Sept. 12, 1974-No. 16-103). This photograph shows the subject area undisturbed from the June 28, 1965 photograph. The trench is well defined and empty and some trees are growing in it.

Reserved for Aerial Photographs
that have been ordered



PRS 21-013(c) - Surface disposal - Before cleanup



PRS 21-013(c) - Surface disposal - After cleanup (re-seeded)

ATTACHMENT 4

PRS 21-013(d)
Cold Dump Definition

Los Alamos
NATIONAL LABORATORY

memorandum

Chemical Science and Technology
Responsible Chemistry for America

Environmental Restoration Project/CST-7
Los Alamos, New Mexico 87545

To/MS: Linda Causey, MS M327
From/MS: William C. Francis, CST-18, MS E525 W.C.F.
Phone/FAX: 667-6080 / 665-4632
Symbol: CST/ER: WCF-98-4
Date: July 1, 1998

Subject: Definition of the Expression "Cold Dump"

The expression "Cold Dump" means an area, pit, etc. to which waste material from the townsite or the Laboratory's Technical Areas was handled and disposed of. [redacted] contaminated with radioactive, toxic or explosive substances. These cold dump areas were designated by the Atomic Energy Commission (AEC), The Energy Research Development Administration (ERDA) or The Department of Energy (DOE) and were used by the Zia Company and construction contractors. They were periodically leveled out and compacted by the Zia Company.

Examples of the types of material that were disposed of in the cold dumps are concrete rubble, reinforcing bars, structural steel, earth, wallboard, used lumber, etc. Material removed from the technical areas to be placed in the cold dumps was always checked by representatives of the Los Alamos Scientific Laboratory's H-Division, or it's successor division within the Los Alamos National Laboratory, for radioactive, toxic or explosive contaminants before the material left the technical area.

I had a long term experience with the operation of the cold dumps because I worked, in a supervisory capacity, for the Zia Company from July of 1947 until I retired in January of 1983 and one of my responsibilities concerned the operations and maintenance of the cold dumps.

Distribution:
Roy Michelotti, CST-7, MS E525
Gary McMath, EM/ER, MS E525

ATTACHMENT 5

PRS 21-013(d)
DOE Approval Letter

①

United States Government

memorandum

Department of Energy
Albuquerque Operations Office
Los Alamos Area Office
Los Alamos, New Mexico 87544

DATE: SEP 28 1995

REPLY TO ATTN OF: LAAO:EP:TJT:EC:1.4.2.6.3.3.17

SUBJECT: Voluntary Corrective Action Plan

TO: J. Jansen, Project Manager, UC-LANL, EM/ER, MS M992

Attached are the Field Work Approval Forms for voluntary corrective action (VCA) for the following potential release sites (PRS):

21-013(d)
21-024(e)

Please ensure that copies of the VCA plans are made available to the U.S. EPA, NMED (Hazardous and Radioactive Materials Bureau), NMED (Agreement in Principle), and the LANL Reading Room.

Theodore J. Taylor
Program Manager
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Attachment

cc w/o attachment:
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ATTACHMENT 6

Study on which urban background for PAHs was based in the RFI

BACKGROUND LEVELS OF POLYCYCLIC AROMATIC HYDROCARBONS (PAH) IN URBAN SOILS

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CERCLA risk assessment guidance results in the derivation of a risk-based clean-up level for benzo(a)pyrene of 0.1 mg/kg.[4]

All of these risk-based soil clean-up levels are below the urban, nonindustrial background soil concentrations presently reported in the literature. However, the availability of such data is very limited. Blumer[5] reports that benzo(a)pyrene concentrations in Cape Cod, Massachusetts soils range from 0.04 to 1.3 mg/kg. Menzie et al.[6] report that urban background soil levels of total carcinogenic PAH range from 0.06 to 5.8 mg/kg. Butler et al.[7] report that total PAH levels in soils alongside roadways in England range from 4-20 mg/kg and potentially carcinogenic PAH range from 0.8 to 11.5 mg/kg. Blumer et al.[8] report that total PAH levels in soils in a Swiss town range from 6-300 mg/kg.

It is very difficult to compare the data from these studies to the results of site risk assessments due to the limited dataset and the non-uniformity of the PAH compounds evaluated. Clearly, more data are required from nonindustrial urban locations to define the urban background level for PAHs and to critically evaluate the role of risk assessment in setting remedial goals for PAHs in soils. Accordingly, we have collected 60 samples of surficial soils from urban locations in three New England cities and analyzed them for all 17 PAH compounds present on EPA's Target Compound List.

C. Data Validation

Validation of the data received from AnalytiKEM was performed according to U.S. EPA guidelines.[10] The data was reviewed for completeness, holding times, GC-MS tuning and system performance, initial and continuing calibrations, laboratory method blank analysis, surrogate recoveries, matrix spike and matrix spike duplicate analysis, field duplication precision, and compound quantitation and detection limits.

D. Data Analysis

The analytical data were summarized in accordance with U.S. EPA risk assessment guidance[11]. If a compound was detected at least once in surface soil, one half the sample quantitation limit (SQL) was used as a proxy concentration for all samples reported as "below detection limit" in the estimation of exposure point concentrations. However, if a compound was not detected in any sample, then that compound was omitted from further consideration. In addition, when a proxy concentration (i.e., one half the detection limit) was greater than the highest actual detected value for a compound in any sample, that concentration was considered to be an aberration and was omitted from the database. This is consistent with EPA guidance[11] which recognizes that high sample quantitation limits can lead to unrealistic concentration estimates.

A slightly different method of analysis was used to evaluate PAH. Because PAH are generally found in groups, it was conservatively assumed that if one PAH was detected in a sample, then other compounds in that class might also be present in that sample. Therefore, if one PAH was

III. RESULTS

Analysis of the laboratory results for PAH indicate that quality control criteria were acceptable. The data were analyzed to determine if any statistically significant differences exist between the data sets for the three cities. A Hartley test for homogeneity of variances,[15] and a one factor analysis of variance to test for equality of the means[15] indicated no statistically significant differences. The results indicate that the PAH data can be pooled and treated as one data set for further statistical analyses.

The results of the PAH analyses are presented in Table 3 for all cities combined. A summary of the PAH results by city and for all cities combined is presented in Table 5, which reports for each: total PAH (tPAH); total potentially carcinogenic PAH (cPAH); and total benzo(a)pyrene toxic equivalents (B(a)P-TE). The arithmetic mean and the upper 95% confidence interval concentration are reported for each. Table 5 provides a summary of the data by city, and the results are graphically presented in Figure 1.

Table 4 presents a summary of the metals, TPH and solids data by city. A Hartley test for homogeneity of variances,[15] and a one-factor analysis of variance to test for equality of the means[15] indicated that the metals and TPH data from the three cities cannot be combined. This is due to the fact that the concentrations in each city are not normally distributed, and did not have equal variances. The metals concentrations are compared to the arithmetic mean concentrations in the Eastern United States[16] in Table 4. Most notably, lead concentrations are

IV. DISCUSSION

In this study, 20 surface soil samples were collected from each of three New England cities and analyzed for PAH, TPH and metals. Statistical analyses show that, with respect to PAH, the three data sets are not significantly different and can be considered as one data set representative of urban environments. The samples were taken in typical urban areas but not near known industrial sites. Therefore, these data are considered to be representative of the generalized effects of urban activities.

It is clear from the results presented here that common regulatory target clean-up levels for cPAH and B(a)P-TE (0.1-0.66 mg/kg) are much below the background concentrations of these compounds in urban surface soils (upper 95% confidence intervals 3.3 and 12.4 mg/kg for total B(a)P-TE and total cPAH, respectively). Figure 3 graphically compares the "bright line" target clean-up level for B(a)P of 0.1 mg/kg with total B(a)P-TE (upper 95% confidence interval on the arithmetic mean) measured in urban environments. For all cities combined, the background level of B(a)P-TE of 3.3 mg/kg is approximately 10 times greater than the target clean-up level of 0.33 mg/kg and approximately 30 times higher than the target clean-up level of 0.1 mg/kg. For those regulatory situations in which the use of B(a)P-TEFs in determining site risk is not allowed, the background level of cPAH is approximately 40-100 times greater than these target clean-up levels, respectively.

An analysis of the data comparing samples taken near pavement with those determined to be not near pavement indicated that those samples designated near pavement had significantly

V. REFERENCES

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TABLE 2

Benzo(a)Pyrene Toxic Equivalent Factors (BAP-TEFs)

Compound	EPA Region IV TEF
Benzo(a)pyrene	1.0
Benz(a)anthracene	0.1
Benzo(b)fluoranthene	0.1
Benzo(k)fluoranthene	0.1
Chrysene	0.001
Dibenzo(a,b)anthracene	1.0
Indeno(1,2,3-c,d)pyrene	0.1

TABLE 4
SUMMARY STATISTICS FOR METALS, TPH, AND SOLIDS
BY CITY

Compound	Boston n = 20		Providence n = 20		Springfield n = 20		Arithmetic Mean in U.S. Soils a (mg/kg)
	Arithmetic Mean (mg/kg)	Upper 95% Interval (mg/kg)	Arithmetic Mean (mg/kg)	Upper 95% Interval (mg/kg)	Arithmetic Mean (mg/kg)	Upper 95% Interval (mg/kg)	
Arsenic, total	4.20	5.59	3.53	4.27	5.63	9.23	7.4
Barium, total	53.95	66.25	45.29	59.43	45.17	52.03	420
Cadmium, total	1.55	2.79	ND	ND	ND	ND	0.25 b
Chromium, total	23.00	27.69	12.08	14.35	12.62	14.45	52
Lead, total	398.70	737.44	305.76	462.98	261.69	377.76	17
Mercury, total	0.29	0.39	0.19	0.24	0.20	0.25	0.12
Selenium, total	0.51	0.57	0.39	0.48	0.53	0.55	0.45
Total Petroleum Hydrocarbons	474.90	652.62	267.43	338.19	184.38	233.27	--
Total Solids	90%	93%	93%	95%	90%	92%	--

a - Ref. 16.
b - Ref. 17.

TABLE 6

Comparison of Background PAH Concentrations in Urban Soils: The Effects of Proximity to Pavement

Compound	Near Pavement	Not Near Pavement	Results of Statistical Analysis			
			Test for Homogeneity of Variances		Test of Equality of Means	
	Arithmetic Mean (ppm)	Arithmetic Mean (ppm)	F-Statistic	Associated Degrees of Freedom	Student's t	Associated Degrees of Freedom
Total B(a)P-TE	2.9	1.1	21.3	41,17	2.69	50
Total PAH	21.9	8.3	18.4	41,17	2.69	50

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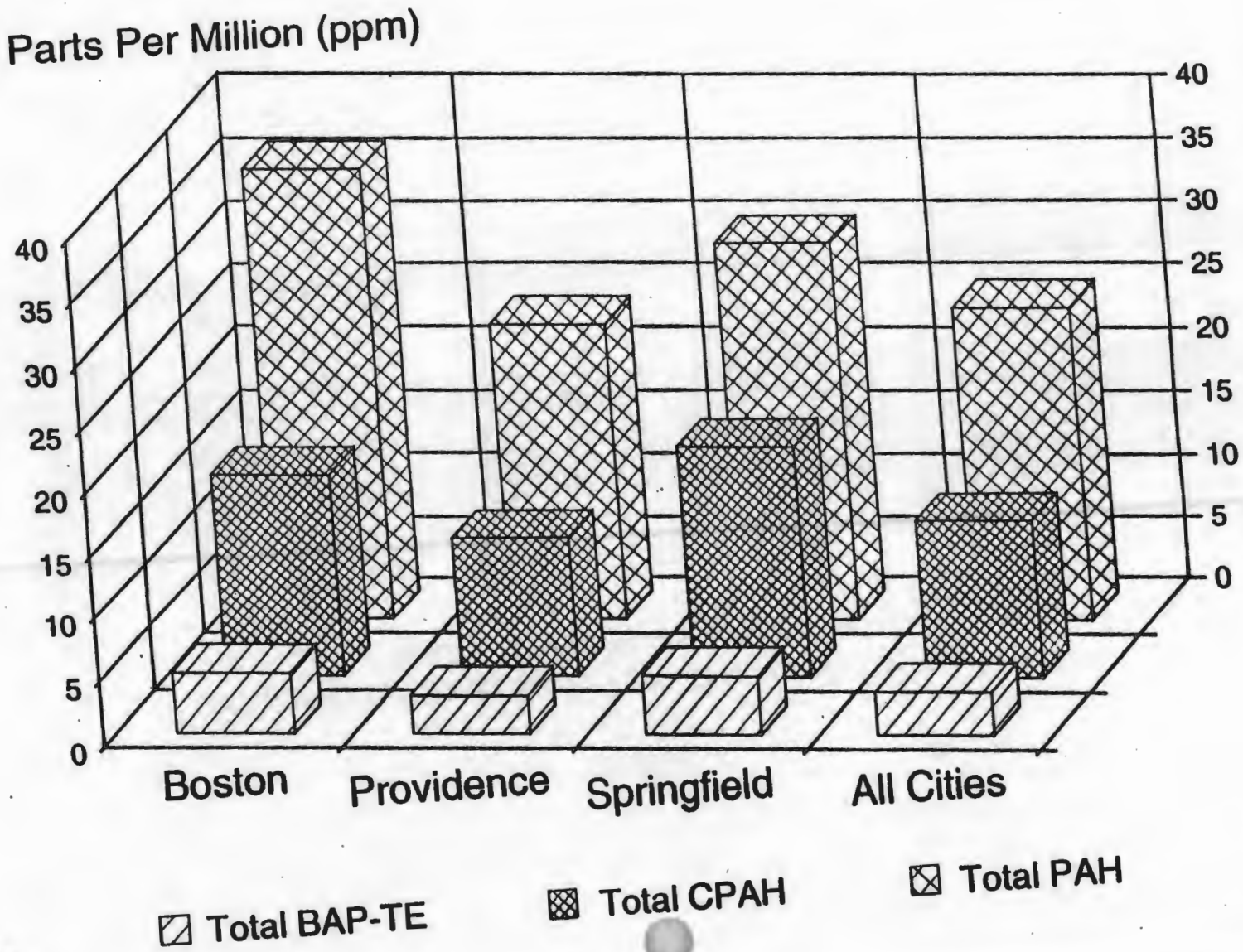
Figure 1



APPENDIX A - SUMMARY STATISTICS

ENSR R&D - BACKGROUND PAH PROJECT
SUMMARY STATISTICS - DETECTED COMPOUNDS
BOSTON
SURFACE SOIL
SEMIVOLATILE ORGANICS

COMPOUND	RANGE OF SAMPLE QUANTITATION LIMITS[1] (ppb)	MINIMUM DETECT (ppb)	MAXIMUM DETECT (ppb)	GEOMETRIC MEAN (ppb)	ARITH. MEAN (ppb)	UPPER 95% CONF. INTERVAL (ppb)	LOWER 95% CONF. INTERVAL (ppb)	FREQUENCY OF DETECTION[2]
2-Methylnaphthalene	165.000 - 210.000	17.000	640.000	136.026	177.600	256.190	119.010	5: 20: 20
Acenaphthene	165.000 - 200.000	34.000	3400.000	186.310	348.725	689.063	8.387	7: 20: 20
Acenaphthylene	NA	32.000	40.000	35.777	36.000	86.824	-14.824	2: 2: 20
Anthracene	165.000 - 200.000	35.000	5700.000	159.481	496.175	1087.958	-95.608	17: 20: 20
Benzo(a)Anthracene	200.000 - 200.000	78.000	15000.000	538.798	1485.400	3037.276	-66.476	18: 20: 20
Benzo(a)Pyrene	200.000 - 200.000	89.000	13000.000	574.888	1411.825	2761.113	62.537	18: 20: 20
Benzo(b)Fluoranthene	170.000 - 210.000	69.000	12000.000	459.713	1215.200	2463.910	-33.510	15: 20: 20
Benzo(ghi)Perylene	165.000 - 210.000	200.000	4000.000	360.001	680.875	1166.396	195.354	10: 20: 20
Benzo(k)Fluoranthene	200.000 - 200.000	100.000	10000.000	705.159	1397.750	2445.720	349.780	19: 20: 20
Chrysene	180.000 - 200.000	86.000	17000.000	644.670	1777.300	3545.240	9.360	18: 20: 20
Dibenzo(a,h)Anthracene	165.000 - 210.000	20.000	2500.000	218.593	367.800	636.403	99.197	7: 20: 20
Fluoranthene	200.000 - 200.000	110.000	39000.000	1013.977	3460.250	7485.189	-564.689	19: 20: 20
Fluorene	165.000 - 200.000	42.000	3300.000	194.011	354.700	686.168	23.232	7: 20: 20
Indeno(1,2,3-cd)Pyrene	165.000 - 200.000	93.000	4100.000	410.730	757.650	1244.754	270.546	12: 20: 20
Naphthalene	165.000 - 200.000	18.000	660.000	123.300	164.250	226.737	101.763	9: 20: 20
Phenanthrene	NA	73.000	36000.000	662.091	2761.150	6483.945	-961.645	20: 20: 20
Pyrene	175.000 - 175.000	210.000	11000.000	1040.864	1836.250	2988.444	684.056	19: 20: 20
TOTAL BAP-TE	NA	303.800	21310.000	1151.843	2442.955	4645.381	240.529	20: 20: 0
TOTAL CARCINOGENIC PAH	NA	752.000	73600.000	3811.832	8412.925	16025.764	800.087	20: 20: 0
TOTAL NAPHTHALENE TE	NA	2376.049	147594.650	9201.748	18499.718	33844.769	3154.667	20: 20: 0
TOTAL PAH	NA	2275.000	166475.000	8655.193	18696.500	35860.509	1532.491	20: 20: 0

1. 1/2 Sample Quantitation Limits are displayed.
2. Frequency of Detection = Number Detected : Number Analyzed : Number Samples.

NA: Sample quantitation limits are not available.
Confidence Interval not calculated due to insufficient sampling points.
SQL, 0 SAMP, EPA TEF
Printed: 11/03/92

ENSR R&D - BACKGROUND PAH PROJECT
SUMMARY STATISTICS - DETECTED COMPOUNDS
SPRINGFIELD
SURFACE SOIL
SEMIVOLATILE ORGANICS

COMPOUND	RANGE OF SAMPLE QUANTITATION LIMITS[1] (ppb)	MINIMUM DETECT (ppb)	MAXIMUM DETECT (ppb)	GEOMETRIC MEAN (ppb)	ARITH. MEAN (ppb)	UPPER 95% CONF. INTERVAL (ppb)	LOWER 95% CONF. INTERVAL (ppb)	FREQUENCY OF DETECTION[2]
2-Methylnaphthalene	NA	26.000	75.000	47.677	50.333	68.400	32.267	6: 6: 21
Acenaphthene	170.000 - 200.000	24.000	330.000	104.036	129.024	164.351	93.696	13: 21: 21
Acenaphthylene	175.000 - 205.000	18.000	1100.000	103.539	186.905	293.452	80.357	14: 21: 21
Anthracene	175.000 - 200.000	29.000	870.000	227.227	324.691	443.361	206.020	18: 21: 21
Benzo(a)Anthracene	NA	48.000	6700.000	741.784	1398.714	2168.512	628.917	21: 21: 21
Benzo(a)Pyrene	170.000 - 200.000	67.000	7200.000	762.430	1402.952	2168.094	637.811	19: 21: 21
Benzo(b)Fluoranthene	175.000 - 175.000	130.000	9800.000	908.849	1601.191	2580.156	622.225	20: 21: 21
Benzo(ghi)Perylene	170.000 - 200.000	232.500	5400.000	517.124	934.881	1497.303	372.459	14: 21: 21
Benzo(k)Fluoranthene	175.000 - 175.000	150.000	25000.000	1004.911	2401.905	4819.800	-15.991	20: 21: 21
Chrysene	NA	85.000	21000.000	1008.800	2323.095	4361.811	284.380	21: 21: 21
Dibenzo(a,h)Anthracene	170.000 - 200.000	44.000	2900.000	276.146	507.405	827.425	187.384	15: 21: 21
Fluoranthene	NA	140.000	18000.000	1738.808	3020.952	4756.267	1285.638	21: 21: 21
Fluorene	175.000 - 200.000	41.000	350.000	121.595	146.405	187.720	105.090	15: 21: 21
Indeno(1,2,3-cd)Pyrene	170.000 - 200.000	130.000	5100.000	546.379	1008.452	1562.936	453.969	15: 21: 21
Naphthalene	NA	18.000	160.000	38.366	50.154	75.827	24.481	13: 13: 21
Phenanthrene	NA	71.000	3500.000	843.085	1360.048	1852.786	867.309	21: 21: 21
Pyrene	NA	240.000	6200.000	1661.027	2350.000	3195.504	1504.496	21: 21: 21
TOTAL BAP-TE	NA	307.800	16860.000	1599.468	2783.693	4489.513	1077.873	21: 21: 0
TOTAL CARCINOGENIC PAH	NA	900.000	77700.000	5573.873	10643.714	18263.344	3024.084	21: 21: 0
TOTAL NAPHTHALENE TE	NA	2214.618	124261.145	12499.953	20851.591	33094.552	8608.629	21: 21: 0
TOTAL PAH	NA	2226.000	109343.000	11746.240	19142.048	29914.592	8369.503	21: 21: 0

1. 1/2 Sample Quantitation Limits are displayed.
2. Frequency of Detection = Number Detected : Number Analyzed : Number Samples.
NA: Sample quantitation limits are not available.
NC: Confidence Interval not calculated due to insufficient sampling points.
1/2 SQL, 0 SAMP, EPA TEF
Printed: 11/03/92

Response to Request for Supplemental Information on Voluntary Corrective Action Report for Potential Release Sites 21-013(c), 21-013(d), 21-013(e), and 31-001

INTRODUCTION

To facilitate review of this response, the New Mexico Environment Department's (NMED's) comments are included verbatim. The comments are divided into general and specific categories, as presented in the letter. Los Alamos National Laboratory's (LANL's) responses follow each NMED comment.

GENERAL COMMENTS

NMED Comment

1. *LANL shall submit all the RFI, VCA and confirmatory sample data with associated quality assurance/quality control data for each PRS. Provide the site map with the location of debris/soil piles at the site. The sample locations, depths, backgrounds, SALs and detection limits should also be included in the data.*

LANL Response

1. All Resource Conservation and Recovery Act (RCRA) facility investigation (RFI), voluntary corrective action (VCA), and confirmatory sample data (with associated quality assurance/quality control data) for each potential release site (PRS) are attached. Sample locations, depths, backgrounds, screening action levels (SALs), and detection limits are included. Site maps with the location of debris/soil piles are included below in the discussions for the appropriate PRSs.

SPECIFIC COMMENTS

PRS 21-013(c), Surface Disposal Area

NMED Comment

1. *Description, p.1. LANL should investigate the purpose of the excavated trench found on the site. Was it used for the disposal of liquid or solid wastes? Samples should have been taken from the bottom of the trench during the RFI and VCA sampling.*

LANL Response

1. The site feature referred to as an excavated trench in the VCA report has been researched further. Historical aerial photographs and site visits with a retired LANL employee who was involved in the early work at Technical Area (TA) 21 make it clear that the feature is a borrow trench at the edge of an area of regraded soil fill. This issue is addressed in the memorandum presented as Attachment 1. A cross section clarifying the feature is given in Figure 1. The west wall of the trench is 6 to 8 ft of fill. The bottom of the trench is exposed tuff bedrock with some thin soils (less than an inch) and sparse vegetation. At the east edge of the trench the terrain rises about 3 ft and is the original ground surface. The trench is about 100 ft long.

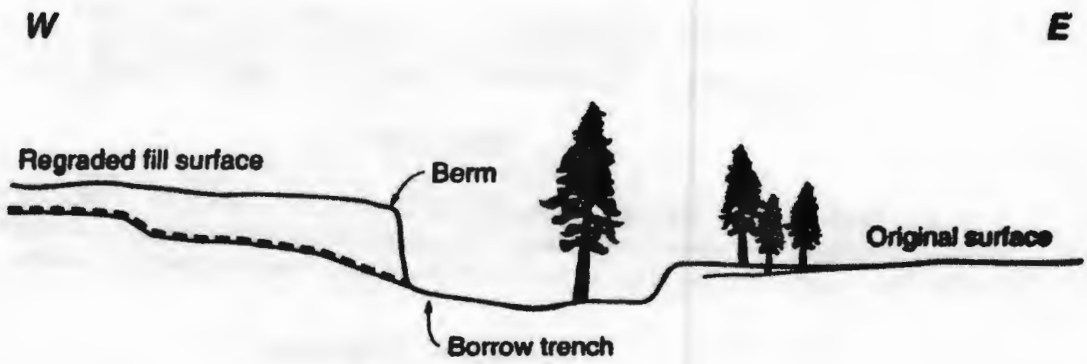


Figure 1. Cross section of east edge of regraded fill.

A review of historical photographs indicates the trench was constructed between 1946 and 1949. The photo record confirms that the trench has existed undisturbed since that time, with no evidence of waste disposal (Attachment 1). The surface debris piles that were defined as PRS 21-013(c) were associated with the soil fill to the west of the trench. Because there was no history of disposal in this area, and there were no debris piles in the trench, it was not included in the RFI investigation, the VCA debris removal activities, or the VCA confirmatory sampling. A copy of the set of aerial photographs is being made and could not be completed in time for the response submittal. The photographs will be provided when they are available (no later than August 15, 1998). Attachment 2 is reserved for the aerial photographs.

NMED Comment

2. *RFI History, p.1. The text states that sampling intervals were to be 0-to-6 in, 0-to-2.5 ft, 2.5-to-5.0 ft and 5.0-to-7.5 ft, clarify whether the samples (except the ones at 0-to-6 in depth) were composited. To determine the nature and extent of contamination LANL shall use discrete samples taken at various depths.*

LANL Response

2. The samples taken at the 0- to 2.5-ft, 2.5- to 5.0-ft, and 5.0- to 7.5-ft depths were not composited. The sampling practice is to use material starting from the deeper end of the core and working up until enough material is taken to fill the required sample containers. For the 2.5-ft intervals used in this investigation, it was typical for nearly all of the cored material to be used in filling a set of containers for a full suite analysis plus field and mobile laboratory screening. Although most of the core interval was consumed in sampling, this represents the smallest discrete sample that could be taken.

NMED Comment

3. *RFI History, p.2. The statement in paragraph 2, "The radiation survey was performed using alpha, beta/gamma, and low energy gamma radiation detection instruments. Detection levels were consistent with the local TA-21 background radiation levels.", contradicts the statement in paragraph 5, "All ten of the 0-to-6 in samples were shipped to an off-site analytical laboratory for a full suite of analyses because of a concern that elevated alpha radiation screening results from the radiation*

survey indicated possible airborne radioactive contamination from the nearby former filter building TA-21-153 that served facilities at DP east." Please explain the discrepancy.

LANL Response

3. The two quotes from Page 2 of the VCA Report do appear to be in conflict. The second sentence of the first quotation could have been more accurately written as follows: Detected radiation levels were consistent with the local TA-21 baseline radiation levels. Surface soils in the central area of TA-21 are known to exhibit radioactivity above LANL site-wide background levels, as documented in the RFI work plan (LANL 1991, 7529, p. 13-18, Paragraph 2) and in reports on the mesa-wide surface soil sampling (LANL 1994, 26073.1, Chapter 2; LANL 1995, 52350.1, Chapter 1 and Table 1.3-1; Ryti 1997, 58239). This has resulted in the development of radioactivity baseline levels for some radionuclides (Ryti 1997, 58239) (to be used in particular areas of TA-21) to distinguish the presence of PRS-specific contamination from the general TA-21 mesa-wide contamination (i.e., local *background*). PRS 21-013(c) falls within two of the areas [Process Area and the Tritium Systems Test Assembly (TSTA) Special Impact Area] for which special baseline surface soil radionuclide comparison values apply (LANL 1994, 26073.1, Map 2). The intent of the first quotation in the comment above is to say that the radiation survey did not identify any areas of PRS 21-013(c) that were elevated above the radiation levels expected to be found in this part of TA-21.

   The submission of additional surface samples for full-suite analysis because of "elevated alpha screening results" is related to the *greater than general LANL background* levels normally expected in parts of TA-21 (in this case, the Process Area and the TSTA Special Impact Area). It was intended to provide more detailed information for comparison to those generally elevated levels. Additional samples were submitted because alpha screening results from the mobile laboratory were not reliable (LANL 1996, 54320.1, p. 2). Although the need for the full suite of analyses is probably more expansive than actually required, this decision provided more sample analysis results than were proposed in the RFI work plan, which called for only 25% of the samples to be sent for off-site analyses (LANL 1996, 54320.1, p. 1).

   The primary source of airborne radioactivity releases, which created the generally elevated surface soil radioactivity conditions near the eastern end of TA-21, was the filter building, TA-21-153, which was decommissioned and removed in 1978. The area this building occupied is a separate PRS [21-020(b)]. The results of the investigation of this PRS were previously reported (LANL 1994, 26073.1, Chapter 4). Airborne releases from operations in TA-21-153 are inseparable from releases from other filter houses and stacks included in PRS 21-019(a–m) and are combined with the mesa-wide surface soil contamination from airborne emissions designated as PRS 21-021.

   As long as the radionuclide concentrations at PRS 21-013(c) are less than the baseline values for the TA-21 Process Area, contamination should not be attributed specifically to PRS 21-013(c). Table 1 gives a summary of the radionuclide data for PRS 21-013(c) and the relevant comparison values. From the table, it is apparent that concentrations of some radionuclides exceed LANL site-wide background levels. However, they are less than the TA-21 Process Area baseline values (Ryti 1997, 58239). Thus, the radionuclide contamination of the surface soils is judged to be associated with general TA-21 contamination levels and not specifically with PRS 21-013(c). (The surface soil radioactivity levels above background will be included in the assessment of the TA-21 mesa-wide PRS 21-021 to determine the appropriate action for the surface soils of the mesa as a whole.)

TABLE 1
PRS 21-013(c) VCA RADIONUCLIDE DATA

	Americium 241	Plutonium 238	Plutonium 239	Strontium 90	Tritium	Uranium (total)
Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	mg/kg
SAL 1996 VCA RPT	17.00	20.0000	18.000	5.90	810	—
SAL CURRRENT	22.00	—	27.000	4.40	260	29
LANL BKGD VCA RPT	—	0.0140	0.052	1.00	—	—
LANL BKGD RYTI 8/97	0.01	0.0230	0.054	1.31	—	5.45
LANL BKGD CURRENT	0.01	0.0230	0.054	1.31	.08*	5.4
Process Area Baseline	0.82	0.4500	15.500	0.77	1.1	10.7

Location ID	Sample ID	Depth (ft)	Americium 241	Plutonium 238	Plutonium 239	Strontium 90	Tritium	Uranium (total)
21-1908	AAB7101	0-0.5	<0.16	0.0042	0.041	0.09	0.06	2.25
21-1908	AAB7102	0-2.5	<0.17	0.0007	0.053	-0.20	0.08	2.14
21-1909	AAB7105	0-0.5	<0.19	0.0036	0.011	-0.13	0.16	1.61
21-1909	AAB7106	0-2.5	<0.16	0.0041	0.055	0.56	0.14	2.13
21-1910	AAB7109	0-0.5	<0.15	0.0198	0.091	0.02	0.00	3.37
21-1910	AAB7110	0-2.5	<0.19	0.0009	0.002	0.09	0.10	1.84
21-1911	AAB7113	0-0.5	<0.15	0.0055	0.024	0.00	0.29	1.88
21-1911	AAB7114	0-2.5	<0.21	0.0003	0.093	0.01	0.23	2.71
21-1912	AAB7117	0-0.5	<0.16	0.0029	0.093	0.03	0.19	2.15
21-1912	AAB7118	0-2.5	<0.21	-0.0002	0.015	0.14	0.10	2.74
21-1913	AAB7121	0-0.5	<0.23	0.0026	0.224	0.22	0.08	2.96
21-1913	AAB7122	0-2.5	<0.15	-0.0002	0.000	-0.09	0.20	4.35
21-1914	AAB7125	0-0.5	<0.18	0.0011	0.005	0.37	0.16	2.56
21-1914	AAB7125	0-0.5	<0.23	—	—	—	—	—
21-1914	AAB7126	0-2.5	<0.16	-0.0009	0.000	0.59	0.17	2.78
21-1915	AAB7129	0-0.5	<0.21	0.0046	0.164	0.34	0.19	2.18
21-1915	AAB7130	0-2.5	<0.15	0.0046	0.007	0.13	0.19	1.98
21-1915	AAB7130	0-2.5	—	0.0020	0.001	—	—	—
21-1916	AAB7133	0-0.5	<0.17	0.0029	0.066	0.09	0.17	1.85
21-1916	AAB7134	0-2.5	<0.23	0.0026	0.01	0.06	0.10	2.12
21-1917	AAB7137	0-0.5	<0.14	0.0095	0.223	0.11	0.15	2.18
21-1917	AAB7138	0-2.5	<0.21	-0.0009	0.013	0.13	0.25	2.28
21-1917	AAC0082	0-0.5	<0.16	-0.0039	0.216	0.09	0.11	2.16
21-1917	AAC0082	0-0.5	<0.22	0.0024	0.211	1.03	0.12	3.68

* Assuming 10% moisture.

NMED Comment

4. *RFI History, p.2. "The assessment of the field and mobile radiation screening results of the deeper samples indicated that there was no significant change in radiation levels from the 0-to-2.5 ft, 2.5-to-5.0 ft, and 5.0-to-7.5 ft intervals", this would be applicable to radiochemicals but not be applicable to the non-radioactive chemicals, which might not be co-distributed with the radio-chemicals. Was any investigation done to assess the distribution of non-radioactive chemicals at different depths?*

LANL Response

4. In addition to radioactivity field screening, samples from all depths from PRS 21-013(c) were field screened for volatile organic compounds, with no indication of their presence. No field screening was done for other nonradioactive chemicals.

   The sampling plan called for selection of samples for laboratory analysis to be biased based on field screening (LANL 1991 Chapter 14 pg. 14-72), but no indications for biasing were found. A total of 20 samples was submitted for analysis for nonradioactive chemicals, i.e., metals and volatile and semivolatile organic compounds. For the 0 to 6-in. and the 0 to 2.5-ft interval all 10 samples collected in each interval were analyzed. For the 2.5 to 5-ft and the 5 to 7.5-ft intervals, no samples were submitted for analysis. The rationale for selecting only the upper intervals was to bias the analyses to the surface materials, where evidence of releases would most likely be detected. Only the upper intervals contained soil materials. In all sample locations, the deeper intervals (2.5 to 5 ft and 5 to 7.5 ft) were composed of tuff bedrock.

   In the evaluation of the mesa-wide surface sample results for TA-21 (which delineated the localized areas of elevated radioactivity discussed in Response 3), nonradioactive chemicals were also assessed, and none were identified as being systematically elevated in any area of the mesa (LANL 1994, 26073.1, Chapter 2; LANL 1995, 52350.1, Chapter 1 and Table 1.3-1; Ryti 1997, 58239). Thus, the appropriate basis for comparison of nonradioactive chemicals is the LANL site-wide background data set. The evaluation of the results was presented in the VCA report (LANL 1996,54320.1, p. 3 and Appendix A) and found to be consistent with site-wide background levels.

   To clarify the nature of the area of this PRS and the nature of the scattered debris addressed in the VCA, some before and after photographs are provided in Attachment 3. Figure 2, which shows the area, the parts of the area investigated, and the parts excavated, is reproduced here from the VCA report. The photographs give a sense of the nature of the scattered debris. It is re-emphasized that this was considered to be a housekeeping VCA, which was driven by construction debris and not by the presence of contaminants. Annexes 1 and 2 in this report contain the field and analytical data related to the RFI and VCA activities at PRS 21-013(c).

PRS 21-013(d), Surface Disposal Area

NMED Comment

1. *Description p.11. Provide explanation for the term "cold dump" and what was the nature of material scraped and removed from it prior to the VCA. LANL shall determine the nature of the constituents of the "cold dump" material (e.g. whether RCRA regulated constituents, radiochemicals, etc.), and analyze for those contaminants in the confirmatory samples.*

LANL Response

1. Additional research has been done concerning the designation *cold dump*. A memorandum has been prepared by a retired LANL employee involved with the cold dump describing the use of the site (Attachment 4). The material removed from the area before the VCA occurred was construction debris, as described in the memorandum. Based on this new documentation, it is concluded that no hazardous chemicals or radioactive materials were disposed of or should be expected at PRS 21-013(d), the cold dump. This information conflicts with the description presented in the work plan

(LANL 1991, 7529, p. 14-65). However, this latest information is considered authoritative and should override the concerns stated in the work plan.

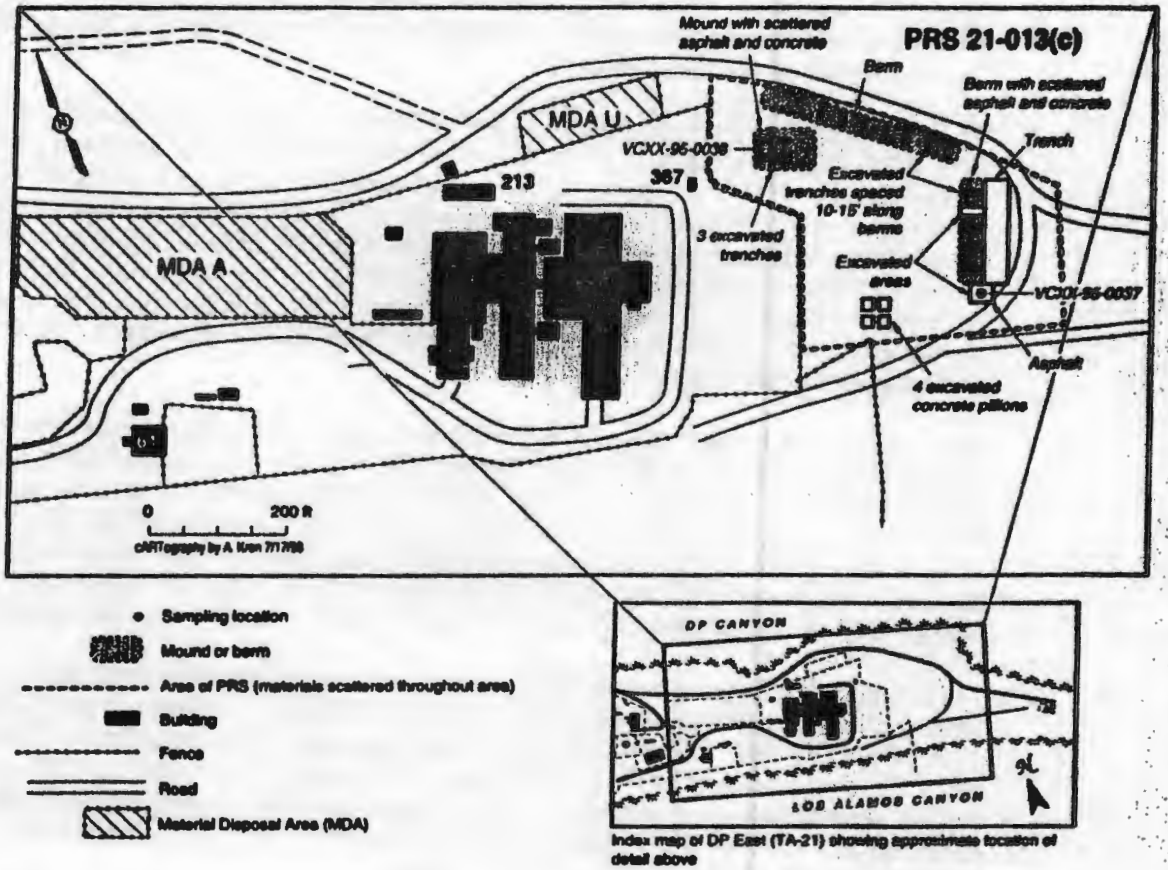


Figure 2. Excavation and confirmatory sampling locations for PRS 21-013(c).

NMED Comment

2. *RFI History, p.11. If the samples taken at 0-to-2.5 ft, 2.5-to-5.0 ft and 5.0-to-7.5 ft were composited, then LANL shall resample these locations and take discrete samples at different depths to characterize the nature and extent of contamination.*

LANL Response

2. The samples taken at the 0- to 2.5-ft, 2.5- to 5.0-ft, and 5.0- to 7.5-ft depths were not composited. The sampling practice is to use material starting from the deeper end of the core and work up the core until enough material is taken to fill the required sample containers. For the 2.5-ft intervals used in this investigation, it was typical for nearly all of the cored material to be used in filling a set of containers for a full suite analysis plus field and mobile laboratory screening. Although most of the core interval was consumed in sampling, this represents the smallest discrete sample that could be taken.

NMED Comment

3. *RFI History, p.12. LANL states that due to the location of PRS 21-013(d) and PRS 21-013(e), the sampling plan was combined and redrawn for the two PRSs and a new grid with 26 sections was laid out. Out of the 26 grid sections only 18 were sampled. Provide the selection criteria used for these 18 sample locations.*

LANL Response

3. The 26 grid sections covered the area where scattered debris was found. Only five discrete piles of debris existed; most of the area contained only scattered items of debris such as pieces of concrete or asphalt pavement, lumber, cans, paper, and plastic trash. Nothing indicating the disposal of chemical wastes was present. The general signature for contaminated materials at TA-21 is the presence of radioactivity, and the RFI work plan was prepared on the premise that radioactivity would be used as a flag for the presence of contamination. By the time the RFI investigations were completed and the VCA activities were planned, the time on site had made it clear that these areas were compoed only of uncontaminated construction debris.

   Radiation surveys and site walkovers identified no indications of radioactive materials or the disposal of chemical wastes. No stained soils, abandoned drums, or other suspicious containers were found. In the location of the cold dump, the area had clearly been scraped, and no evidence of any disposal trenches was present. The work plan called for 18 sections to be sampled, and there was no indication of the need for any additional sampling; therefore, completing the characterization work on 18 of the 26 grid sections was considered to be sufficient. The 18 sections sampled were those in which the major debris piles were found. In the absence of any indications for biasing the sampling, placement of the locations according to a grid, as approved in the work plan, was maintained.

NMED Comment

4. *RFI History, p.12. LANL states that "The additional eight grid sections would only be sampled if radiation survey results indicated the presence of contamination." According to the work plan the site was used for disposal of non-radioactive chemicals and/or materials; therefore, the radiation survey would not identify the presence of these chemicals. Additionally, any localized spills or discarded chemicals would not be detected.*

LANL Response

4. The additional information on the nature of the cold dump described above and in Attachment 4 should alleviate concern that the site was used for disposal of nonradioactive chemicals. The walkover surveys included observation of the presence of debris or stained earth as additional indicators of areas to be addressed. Nothing indicating disposal of chemical waste was present, i.e., no stained soil, abandoned drums, or other suspicious containers were found.

NMED Comment

5. *RFI History, p.13. Provide explanation for deviating from the work plan and not doing the field survey for organic vapors when historical information indicated that non-radioactive chemicals were disposed off (sic) at the site. The approval to drop the survey was not obtained from the Administrative Authority. Additionally, LANL states that " Elevated organic vapor readings noted during sample*

collection were attributed to organic matter that was encountered during the drilling." Provide rationale for this statement when field survey for organic vapors was not done. Describe what type of organic matter was found and at what concentrations.

LANL Response

5. The field survey (a walkover survey) for organic vapors was not conducted because it was judged by field measurement specialists to be inappropriate and was expected to be ineffective for two reasons. First, it was believed that the presence of residual volatile organic compounds in surface soils would be unlikely after many years of exposure to the environment, making the usefulness of the survey very limited. Second, it was judged that hand-held volatile organic vapor field monitoring instruments would not be capable of detecting small organic vapor releases from the ground because of atmospheric dilution. Instead, the investigation relied on field screening of core samples during sample collection activities and field laboratory measurement of organic vapors, using a headspace measurement method, on collected samples. The results of field screening were recorded on sample collection logs; the laboratory measurements were reported by the mobile laboratory usually within 24 hours of sample collection. It is correct that no approval for dropping the surface survey for organic vapors was obtained from the Administrative Authority. In accordance with the protocol of the time, the deviation from the work plan was documented in the report on the activity, i.e., the VCA report (LANL 1996, 54320.1, p. 13).

   The statement, "Elevated organic vapor readings noted during sample collection," refers to the field screening of core samples as the core barrel was opened. This is a standard health and safety practice intended to identify to field personnel the presence of volatile organic compounds.

   For the 27 core intervals screened in relation to PRS 21-013(d) (9 coring locations with 3 sample intervals at each location, 0–2.5 ft, 2.5–5 ft, and 5–7.5 ft), there was only 1 sample for which an organic vapor screening result above instrument background was reported. This was in the 0–2.5 ft sample (AAB-7174) at location 21-1926. The field organic vapor analyzer measurement result was 9.6 ppm; background on the instrument is typically 0.0 ppm. A note on the sample collection log states, "0-9.6 ppm on core when core is broken at a layer that is filled with clay and roots." The sample submitted to the mobile laboratory for headspace VOC analysis showed no detected VOCs. No sample was submitted for fixed laboratory VOC analysis. The field sample collection logs, field screening results, and other data related to the RFI at PRS 21-013(d) are provided in Annex 3 to this document. The identified organic matter was tree roots. This location is in a mixed pine and oak forest. The soil surface is largely covered with forest floor detritus. The elevated organic vapor readings noted during sample collection are attributed to volatiles associated with pine tree roots.

NMED Comment

6. *RFI History, p.13. LANL states that "RFI data was collected prior to remediation, and did not include the areas beneath the waste piles (the focus of the VCA effort)." The areas underneath the waste piles should be investigated. Also provide a figure showing the location of waste piles at the site.*

LANL Response

6. Although the RFI characterization data did not address the areas beneath debris piles, the VCA confirmation samples were taken from areas that had been beneath debris piles. The results of these analyses were described in the VCA report (LANL 1996, 54320.1). Figure 3 identifies the areas where debris piles were excavated and where confirmation samples were taken. This same figure

appeared in the VCA report, with the exception that the dots indicating the locations for the confirmation sampling were corrected to show them falling inside the footprint of the removed debris piles. It is unclear why they had originally been shown outside the debris pile excavation areas, but it has been confirmed that they were within those areas. The number of asphalt-containing debris pile excavation areas shown on the figure is correct; only two were present and removed. The remaining materials collected for disposal were scattered individual pieces of debris.

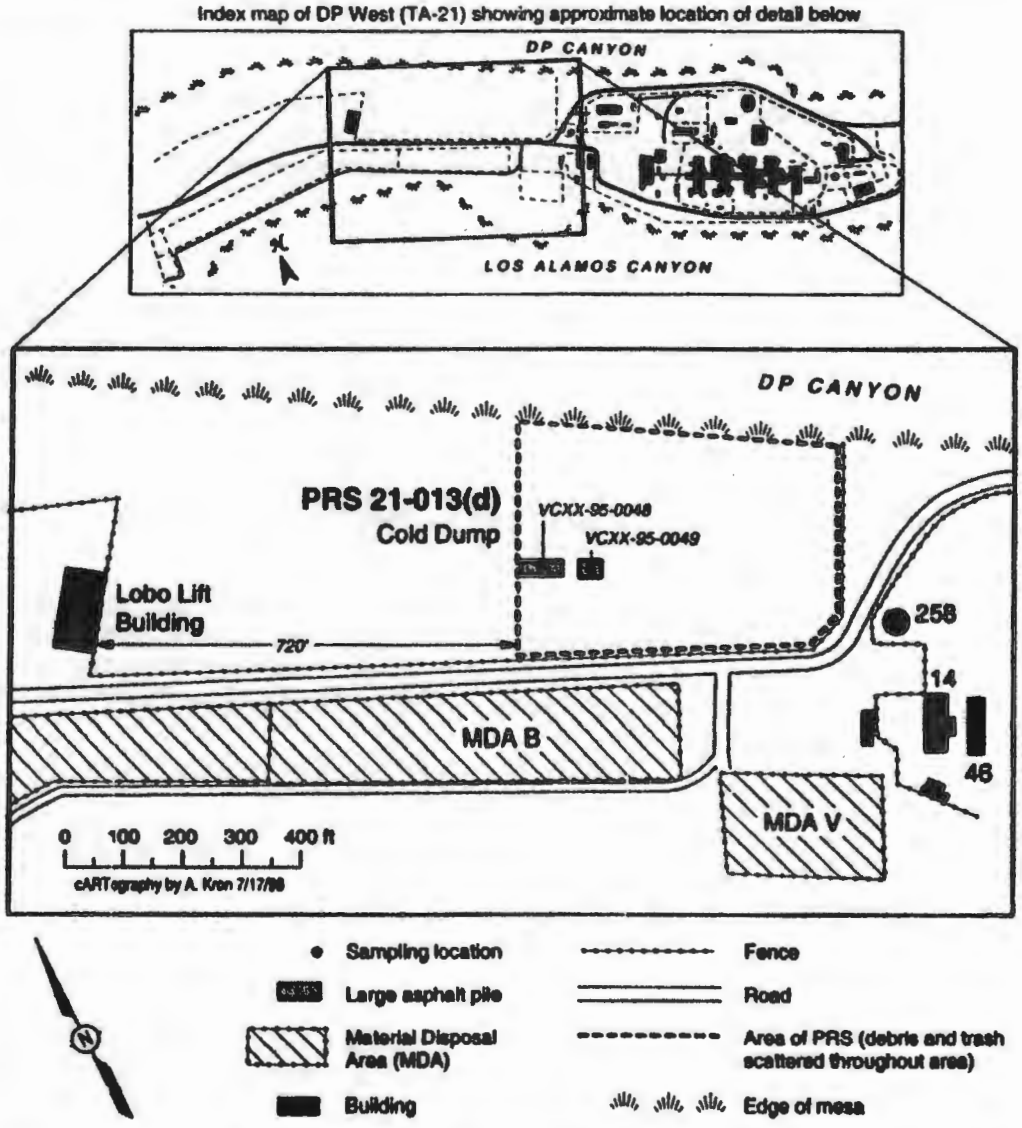


Figure 3. Excavation and confirmatory sampling locations of PRS 21-013(d), cold dump.

In addition to the confirmation samples collected from the soil where the debris piles had been removed, samples for waste characterization analysis were also taken of the debris materials. These

data have been included in the data package prepared as Annex 4 to this report, which contains all the data for the VCA activities at PRS 21-013(d)

NMED Comment

7. *Corrective Action, p.13. Specify what agency approved the VCA plan for PRS 21-013(e), on basis of which VCA plan for PRS 21-013(d) was prepared.*

LANL Response

7. The US Department of Energy, Los Alamos Area Office, approved the VCA plans for PRSs 21-013(d and e). Under protocol of that time period, VCA plans were not submitted for approval to the Environmental Protection Agency or NMED. Attachment 5 provides a copy of the approval memorandum.

NMED Comment

8. *Corrective Action, p.13. Provide all field screening results to support the statement "Field Screening did not indicate the presence of radioactivity or volatile organic vapors above background levels." Include the detection limits of instruments and backgrounds used for each chemical.*

LANL Response

8. Annex 4 contains copies of field records for field screening during the VCA activities. Annex 3 contains comparable information for the RFI activities.

   Field radiation monitoring instruments were Ludlum Model 2221 with Ludlum Model 44-9 Beta detector and Ludlum Model 2221 with Eberline Scintillation Probe Assembly. Documentation of a field RAD walkover survey is attached in Annex 4.4. These instruments were used in a qualitative manner to detect readings greater than background; therefore, the detection limit was not included in the survey.

   The field screening for volatile organic chemicals was conducted for worker health and safety during confirmation sampling. Photoionization detector measurements of 0.4 ppm were observed for samples VCXX-95-0048 and VCXX-95-0049. Results from field VOC measurements were not used in decision making for the VCA. Analytical results from the fixed laboratory for the confirmation samples are in Annex 4.

NMED Comment

9. *Table 2, p.18. Provide rationale for collecting confirmatory samples for this particular PRS at the depth of 0-to-3 in when 0-to-6 in has been used in the past. This was not specified in the work plan. Are the samples 0-to-3 in from where the soil was removed?*

LANL Response

9. Sample collection logs for the VCA confirmatory samples at PRS 21-013(d) were reviewed. The samples were taken from the areas where debris piles had been removed. The sample was constrained to approximately 3 in. because of the limited depth of soil present at these locations. Copies of the logs are provided in Annex 4.

NMED Comment

10. *Table 2, p.18, 19. Two analytes Benzo(a)pyrene and Dibenzo(a,h)anthracene are above their respective PRGs in sample # VCXX-95-0049, but the text (p.14) states that "Evaluation of the confirmatory analytical data confirmed that there was no detectable residual contamination above PRGs present at the site." Please explain.*

LANL Response

10. The detection limit achieved for sample VCXX-95-0049 for benzo(a)pyrene and dibenzo(a,h)anthracene (3.5 mg/kg) was above the preliminary remediation goal (PRG) for these analytes (0.784 mg/kg for both analytes). However, neither compound was detected in this sample; thus no detected contamination was found above the PRGs. Additionally, benzo(a)pyrene and dibenzo(a,h)anthracene are chemicals of the class of polychlorinated aromatic hydrocarbons (PAHs). PAHs are found in conjunction with other PAHs, as they are all produced by the same process, incomplete combustion of fuel. Other PAHs, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, and fluorene, that were analyzed for were not detected in sample VCXX-95-0049. Finally, no PAHs were detected in the other surface sample less than 100 feet away (sample VCAXX-95-0048).

PRS 21-013(e), Surface Disposal Area

NMED Comment

1. *RFI History, p.22. If the samples taken at 0-to-2.5 ft, 2.5-to-5.0 ft and 5.0-to-7.5 ft were composited, then LANL shall resample these locations and take discrete samples at different depths to characterize the nature and extent of contamination.*

LANL Response

1. The samples taken at the 0- to 2.5-ft, 2.5- to 5.0-ft, and 5.0- to 7.5-ft depths were not composited. The sampling practice is to use material starting from the deeper end of the core and work up the core until enough material is taken to fill the required sample containers. For the 2.5-ft intervals used in this investigation, it was typical for nearly all of the cored material to be used in filling a set of containers for a full suite analysis plus field and mobile laboratory screening. Although most of the core interval was consumed in sampling, this represents the smallest discrete sample that could be taken.

NMED Comment

2. *RFI History, p.23. The report states that debris piles were scattered in the site. Were these piles sampled and included in the 18 grid sections investigated? The debris piles have the potential of containing contaminated waste and should be investigated. The area beneath the waste piles should also be investigated. Provide a site map with locations and outlines of debris piles.*

LANL Response

2. The debris piles were not sampled individually as part of the RFI characterization but were contained within the 26 grid sections investigated. Of the 26 grid sections, 18 were sampled, as described in our response to Comment 3 on PRS 21-013(d). There were three discrete debris piles labeled as asphalt piles in Figure 4 and a wooden ramp in the area designated as PRS 21-013(e). The remaining debris picked up for disposal consisted of scattered individual items, such as pieces of concrete or asphalt pavement, lumber, cans, paper, and plastic trash. Figure 4 is the same figure that appeared in the VCA report, with the exception that the dots indicating the locations for the confirmation sampling were corrected to show them falling inside the footprint of the removed debris piles. It is unclear why they had originally been shown outside the debris pile excavation areas, but it has been confirmed that they were within the footprint of those areas. The number of debris pile excavation areas shown on the figure is correct; only three (plus the wooden ramp) were present and removed. The VCA confirmation samples were taken from the areas beneath debris piles.

   In addition to the confirmation samples collected from the soil where the debris piles had been removed, samples for waste characterization analysis were also taken of the debris materials. Annex 5 provides all RFI data for PRS 21-013(e), and Annex 6 contains all the data for the VCA activities at PRS 21-013(e), including the waste characterization samples of the debris materials.

NMED Comment

3. *RFI History, p.24. Thorium-228 exceeded its SAL, but according to the report the sample value is considered to fall within background levels. LANL shall use Alpha spectroscopy to detect the presence of thorium-228 instead of gamma spectroscopy which would reduce the large uncertainty associated with results.*

LANL Response

3. Gamma spectrometry is not an appropriate method for determination of environmental levels of thorium-228 because the detection limit is insufficient to resolve background levels or the SAL. Radiochemical separation and alpha spectrometry is the appropriate method when the presence of thorium-232 and its decay series (including thorium-228) are suspected.

   There is no reason to suspect the elevated presence of this naturally occurring decay series at this (or any other) site. Typically the thorium-232 decay series (Kocher 1981, 58238) occurs naturally in the range of 1 to 2 pCi/g. There are other radionuclides in the decay series that can be measured by gamma spectrometry in this range, and two of them are also reported in the gamma spectrometry results for the sample for which thorium-228 was reported (AAB-7226 at location 21-1939 at 0-2.5 ft). Lead-212 was reported at 1.6 pCi/g. Thallium-208 was reported at 0.6 pCi/g, which corresponds to 1.7 pCi/g of lead-212 when corrected for branching of the decay series. The best estimate for the thorium-228 concentration is thus in the range of 1.6 or 1.7 pCi/g, which is an appropriate background level. This estimate, based on the physics of the decay series equilibrium, is better than the gamma spectrometry measurement result for thorium-228. (It should be noted that the SAL of 1.5 pCi/g is within the typical background range for this decay series.)

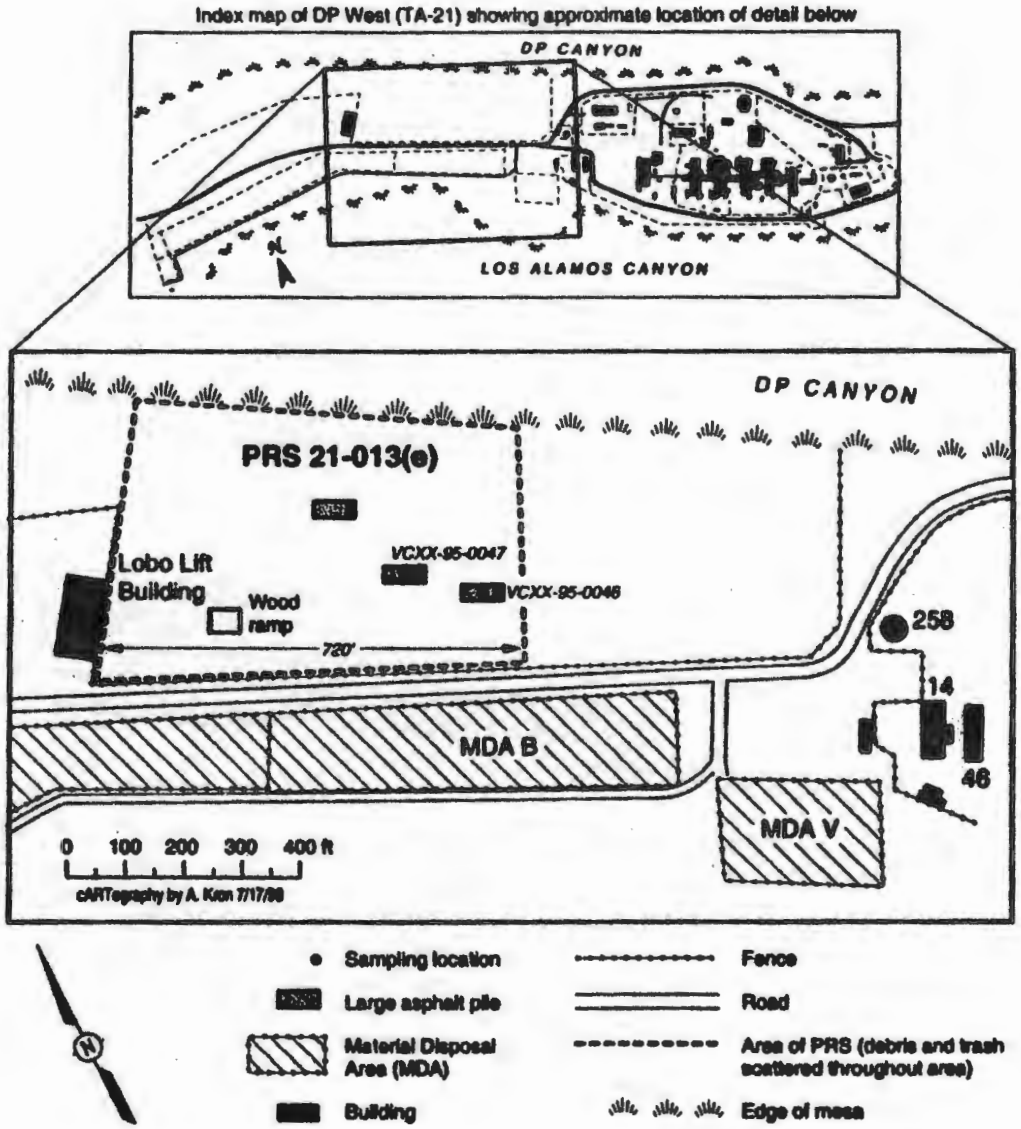


Figure 4. Excavation and confirmatory sampling locations of PRS 21-013(e).

PRS 31-001, Septic System Outfall

NMED Comment

1. *LANL shall delineate the contamination under the former septic system and in the outfall area to the point where the canyon's investigation begins.*

LANL Response

1. LANL will delineate the contamination under the former septic system and in the outfall area to the point where the canyons investigation begins. LANL anticipates that a sampling and analysis plan will be submitted to NMED in September 2000 to address the additional field work.

NMED Comment

2. *VCA Report, Corrective Action, p.33. Please submit all previously-obtained site characterization data including RFI and VCA field screening results for RCRA regulated chemicals.*

LANL Response

2. Annex 7 includes all previously obtained RFI site characterization data. The RFI report is dated May 5, 1995 (LANL 1995, 58085.1). Annex 8 includes all VCA field screening results for RCRA-regulated chemicals.

NMED Comment

3. *Response to Comments regarding Response to Additional Information Request, PRS 31-001, Nov. 14,1997;EM/ER:97-481, p. 1&2. The RFI report (p.1) states "It is not documented which chemicals were received and stored at TA-31... but an undocumented spill may have released chemicals into the septic system". In the response letter LANL states that "These PAHs were not retained as COPC because there was no evidence that they were produced by Laboratory operations at the site." Clarify the discrepancy in these statements.*

   The nature and extent of contamination for polycyclic aromatic hydrocarbons (PAHs) has not been defined. LANL states that "PAHs were most likely removed during excavation." This statement is not supported by any data since confirmatory samples were not analyzed for PAHs. Additionally, PAHs were found above their SAL values in sample # AAA4679. LANL's argument that since this sample was located 6.8 ft below ground surface, there would be no exposure pathways to the recreational user, and is not valid since no other samples were taken (e.g. at surface and different depths) to determine the lateral and vertical extent of contamination. LANL shall do additional sampling to define the extent of contamination under the former septic system line and shall perform confirmatory sampling for PAHs detected during the RFI.

LANL Response

3. The statement, "It is not documented which chemicals were received and stored at TA-31...but an undocumented spill may have released chemicals into the septic system" was made in a paragraph of the RFI report discussing the history of PRS 31-001. It is a rephrasing of a statement from the May 1992 work plan (LANL 1192, 7668.1, p. 3-67), which read "There is no documentation of accidental spills having occurred at building TA-31-7, but it is possible that any chemicals stored in the warehouse may have entered the septic system." This is a preinvestigation statement speculating on what might have happened in the past at a site.

   The statement, "These PAHs were not retained as COPCs because there was no evidence that they were produced by Laboratory operations at the site" was made approximately 5 years after the first statement. In the intervening 5 years, it became evident through sampling and analysis of soil at

different sites that the chemicals including the PAH class of chemicals were being detected at many locations across LANL. Research into the origin of PAHs indicated that common sources are incomplete combustion of wood, fuel, and crude oil. PAHs are produced by forest fires, wood-burning stoves, and motor vehicles, as well as runoff from asphalt parking lots. PAHs are not chemicals that would be warehoused, such as at the TA-31 supply warehouse. Because Los Alamos has been subjected to the smoke from fires in the surrounding forest, wood-burning stoves, and motor vehicle exhaust, and there was an asphalt parking lot at TA 31-001, the PAHs detected were attributed to these sources and not the PRS 31-001 septic system.

In response to the statement, "The nature and extent of contamination of polycyclic aromatic hydrocarbons (PAHs) has not been defined," LANL concurs, as PAHs are ubiquitous in an urban setting.

In response to the statement, "LANL states that 'PAHs were most likely removed during excavation.' This statement is not supported by any data since confirmatory samples were not analyzed for PAHs." This statement reflected the fact that all the soil was removed from the outfall and only rock remained.

LANL will do additional sampling (in conjunction with sampling proposed in the Comment 1 response) to define the extent of contamination under the former septic system line and will perform confirmatory sampling for PAHs detected during the RFI.

NMED Comment

4. *RFI Report, Background Comparison, p.15. Please provide a copy of the study on which urban background for PAH were based for this site.*

LANL Response

4. The report, "Background Levels of Polycyclic Aromatic Hydrocarbons (PAH) in Urban Soils" by L.N.J. Bradley is provided in Attachment 6.

NMED Comment

5. *RFI Report, Screening Action Levels Comparison, p.29 and Figure 4, p.14. Lead should not have been eliminated based on an average value but retained as a COPC based on the maximum value reported (e.g. 460 mg/kg) as shown in Fig. 4. Since lead was found to be below background values in the confirmatory samples, this issue does not need any further consideration. However, lead and mercury detected in samples underneath the former septic tank and line should be considered in risk evaluation.*

LANL Response

5. Lead and mercury values detected in samples underneath the former septic tank and line will be considered in any future risk evaluation of these areas. This risk evaluation will be conducted based on the HRMB-approved risk-based decision tree.

NMED Comment

6. *RFI Report, Screening Action Levels Comparison, p.29. LANL shall investigate the vertical and lateral extent of tetrachloroethylene (PCE) contamination found under the former septic system line and delineate the contamination. The presence of degradation products of PCE should also be investigated.*

LANL Response

6. LANL will investigate and delineate the vertical and lateral extent of tetrachloroethylene (PCE) found at TA-31 in conjunction with the proposed sampling in the Comment 1 response. The presence of degradation products will also be investigated.

NMED Comment

7. *Human health and ecological risk evaluation for all contaminants shall be performed based on HRMB approved Risk Based Decision Tree.*

LANL Response

7. Future human health and ecological risk evaluations will be performed based on HRMB-approved risk-based decision tree.

References

Kocher, D., 1981. *Radioactive Decay Data Tables*, Technical Information Center, US Department of Energy,Springfield, Virginia. (Kocher 1981, ER ID 58238)

LANL (Los Alamos National Laboratory), May 1991. "TA-21 Operable Unit RFI Work Plan for Environmental Restoration," Volume II, Los Alamos National Laboratory report LA-UR-91-962, Los Alamos, New Mexico. (LANL 1991, ER ID 07529)

LANL (Los Alamos National Laboratory), May 1992. "RFI Work Plan for Operable Unit 1079," Los Alamos National Laboratory Report LA-UR-92-850, Los Alamos, New Mexico. (LANL 1992, ER ID 7668.1).

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